



BARGE "WEB 249T"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 256'-00"

February 2, 2011

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 249T"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	0.42	0	483.31	0	1,038.95	0	1,596.75	0	2,154.38	0	2,712.23	0	3,270.08	0	3,827.93	0	4,385.79	0	4,943.64
1/4	2.36	1/4	494.90 ^{1/4}		1,050.57	1/4	1,608.37	1/4	2,166.00	1/4	2,723.85	1/4	3,281.70	1/4	3,839.55	1/4	4,397.41	1/4	4,955.26
1/2	4.29	1/2	506.49 ^{1/2}		1,062.20	1/2	1,619.99	1/2	2,177.63	1/2	2,735.47	1/2	3,293.32	1/2	3,851.17	1/2	4,409.03	1/2	4,966.88
3/4	6.23	3/4	518.08 ^{3/4}		1,073.82	3/4	1,631.60	3/4	2,189.25	3/4	2,747.10	3/4	3,304.95	3/4	3,862.80	3/4	4,420.65	3/4	4,978.50
1	8.16	1	529.67	1	1,085.44	1	1,643.22	1	2,200.87	1	2,758.72	1	3,316.57	1	3,874.42	1	4,432.27	1	4,990.12
1/4	13.89	1/4	541.26 ^{1/4}		1,097.06	1/4	1,654.84	1/4	2,212.49	1/4	2,770.34	1/4	3,328.19	1/4	3,886.04	1/4	4,443.89	1/4	5,001.74
1/2	19.63	1/2	552.86 ^{1/2}		1,108.69	1/2	1,666.46	1/2	2,224.12	1/2	2,781.96	1/2	3,339.81	1/2	3,897.66	1/2	4,455.51	1/2	5,013.37
3/4	25.36	3/4	564.45 ^{3/4}		1,120.31	3/4	1,678.07	3/4	2,235.74	3/4	2,793.59	3/4	3,351.44	3/4	3,909.29	3/4	4,467.14	3/4	5,024.99
2	31.09	2	576.04	2	1,131.93	2	1,689.69	2	2,247.36	2	2,805.21	2	3,363.06	2	3,920.91	2	4,478.76	2	5,036.61
1/4	40.47	1/4	587.66 ^{1/4}		1,143.55	1/4	1,701.31	1/4	2,258.98	1/4	2,816.83	1/4	3,374.68	1/4	3,932.53	1/4	4,490.38	1/4	5,048.23
1/2	49.86	1/2	599.29 ^{1/2}		1,155.18	1/2	1,712.93	1/2	2,270.60	1/2	2,828.45	1/2	3,386.30	1/2	3,944.15	1/2	4,502.01	1/2	5,059.86
3/4	59.24	3/4	610.91 ^{3/4}		1,166.80	3/4	1,724.54	3/4	2,282.22	3/4	2,840.08	3/4	3,397.93	3/4	3,955.78	3/4	4,513.63	3/4	5,071.48
3	68.62	3	622.53	3	1,178.42	3	1,736.16	3	2,293.84	3	2,851.70	3	3,409.55	3	3,967.40	3	4,525.25	3	5,083.10
1/4	79.93	1/4	634.15 ^{1/4}		1,190.04	1/4	1,747.78	1/4	2,305.46	1/4	2,863.32	1/4	3,421.17	1/4	3,979.02	1/4	4,536.87	1/4	5,094.72
1/2	91.24	1/2	645.78 ^{1/2}		1,201.66	1/2	1,759.40	1/2	2,317.09	1/2	2,874.94	1/2	3,432.79	1/2	3,990.64	1/2	4,548.50	1/2	5,106.35
3/4	102.54	3/4	657.40 ^{3/4}		1,213.28	3/4	1,771.01	3/4	2,328.71	3/4	2,886.56	3/4	3,444.41	3/4	4,002.27	3/4	4,560.12	3/4	5,117.97
4	113.85	4	669.02	4	1,224.90	4	1,782.63	4	2,340.33	4	2,898.18	4	3,456.03	4	4,013.89	4	4,571.74	4	5,129.59
1/4	125.13	1/4	680.64 ^{1/4}		1,236.52	1/4	1,794.25	1/4	2,351.95	1/4	2,909.80	1/4	3,467.65	1/4	4,025.51	1/4	4,583.36	1/4	5,141.21
1/2	136.40	1/2	692.26 ^{1/2}		1,248.15	1/2	1,805.87	1/2	2,363.58	1/2	2,921.42	1/2	3,479.27	1/2	4,037.13	1/2	4,594.98	1/2	5,152.84
3/4	147.68	3/4	703.88 ^{3/4}		1,259.77	3/4	1,817.48	3/4	2,375.20	3/4	2,933.05	3/4	3,490.90	3/4	4,048.75	3/4	4,606.60	3/4	5,164.46
5	158.95	5	715.50	5	1,271.39	5	1,829.10	5	2,386.82	5	2,944.67	5	3,502.52	5	4,060.37	5	4,618.22	5	5,176.08
1/4	170.52	1/4	727.11 ^{1/4}		1,283.01	1/4	1,840.72	1/4	2,398.44	1/4	2,956.29	1/4	3,514.14	1/4	4,071.99	1/4	4,629.84	1/4	5,187.70
1/2	182.10	1/2	738.71 ^{1/2}		1,294.64	1/2	1,852.34	1/2	2,410.07	1/2	2,967.91	1/2	3,525.76	1/2	4,083.61	1/2	4,641.47	1/2	5,199.32
3/4	193.67	3/4	750.32 ^{3/4}		1,306.26	3/4	1,863.95	3/4	2,421.69	3/4	2,979.54	3/4	3,537.39	3/4	4,095.24	3/4	4,653.09	3/4	5,210.94
6	205.24	6	761.92	6	1,317.88	6	1,875.57	6	2,433.31	6	2,991.16	6	3,549.01	6	4,106.86	6	4,664.71	6	5,222.56
1/4	216.81	1/4	773.47 ^{1/4}		1,329.50	1/4	1,887.19	1/4	2,444.93	1/4	3,002.78	1/4	3,560.63	1/4	4,118.48	1/4	4,676.33	1/4	5,234.18
1/2	228.39	1/2	785.02 ^{1/2}		1,341.13	1/2	1,898.81	1/2	2,456.55	1/2	3,014.40	1/2	3,572.25	1/2	4,130.10	1/2	4,687.96	1/2	5,245.81
3/4	239.96	3/4	796.56 ^{3/4}		1,352.75	3/4	1,910.42	3/4	2,468.17	3/4	3,026.03	3/4	3,583.88	3/4	4,141.73	3/4	4,699.58	3/4	5,257.43
7	251.53	7	808.11	7	1,364.37	7	1,922.04	7	2,479.79	7	3,037.65	7	3,595.50	7	4,153.35	7	4,711.20	7	5,269.05
1/4	263.11	1/4	819.65 ^{1/4}		1,375.99	1/4	1,933.66	1/4	2,491.41	1/4	3,049.27	1/4	3,607.12	1/4	4,164.97	1/4	4,722.82	1/4	5,280.67
1/2	274.68	1/2	831.19 ^{1/2}		1,387.61	1/2	1,945.27	1/2	2,503.04	1/2	3,060.89	1/2	3,618.74	1/2	4,176.59	1/2	4,734.45	1/2	5,292.30
3/4	286.26	3/4	842.73 ^{3/4}		1,399.23	3/4	1,956.89	3/4	2,514.66	3/4	3,072.51	3/4	3,630.36	3/4	4,188.22	3/4	4,746.07	3/4	5,303.92
8	297.83	8	854.27	8	1,410.85	8	1,968.50	8	2,526.28	8	3,084.13	8	3,641.98	8	4,199.84	8	4,757.69	8	5,315.54
1/4	309.40	1/4	865.79 ^{1/4}		1,422.47	1/4	1,980.12	1/4	2,537.90	1/4	3,095.75	1/4	3,653.60	1/4	4,211.46	1/4	4,769.31	1/4	5,327.16
1/2	320.96	1/2	877.30 ^{1/2}		1,434.09	1/2	1,991.74	1/2	2,549.53	1/2	3,107.37	1/2	3,665.22	1/2	4,223.08	1/2	4,780.93	1/2	5,338.79
3/4	332.53	3/4	888.82 ^{3/4}		1,445.70	3/4	2,003.35	3/4	2,561.15	3/4	3,119.00	3/4	3,676.85	3/4	4,234.70	3/4	4,792.55	3/4	5,350.41
9	344.09	9	900.33	9	1,457.32	9	2,014.97	9	2,572.77	9	3,130.62	9	3,688.47	9	4,246.32	9	4,804.17	9	5,362.03
1/4	355.69	1/4	911.85 ^{1/4}		1,468.94	1/4	2,026.59	1/4	2,584.39	1/4	3,142.24	1/4	3,700.09	1/4	4,257.94	1/4	4,815.79	1/4	5,373.65
1/2	367.28	1/2	923.37 ^{1/2}		1,480.55	1/2	2,038.21	1/2	2,596.02	1/2	3,153.86	1/2	3,711.71	1/2	4,269.56	1/2	4,827.42	1/2	5,385.27
3/4	378.88	3/4	934.88 ^{3/4}		1,492.17	3/4	2,049.82	3/4	2,607.64	3/4	3,165.49	3/4	3,723.34	3/4	4,281.19	3/4	4,839.04	3/4	5,396.89
10	390.47	10	946.40	10	1,503.78	10	2,061.44	10	2,619.26	10	3,177.11	10	3,734.96	10	4,292.81	10	4,850.66	10	5,408.51
1/4	402.07	1/4	957.92 ^{1/4}		1,515.40	1/4	2,073.06	1/4	2,630.88	1/4	3,188.73	1/4	3,746.58	1/4	4,304.43	1/4	4,862.28	1/4	5,420.13
1/2	413.66	1/2	969.43 ^{1/2}		1,527.03	1/2	2,084.68	1/2	2,642.50	1/2	3,200.35	1/2	3,758.20	1/2	4,316.05	1/2	4,873.91	1/2	5,431.76
3/4	425.26	3/4	980.95 ^{3/4}		1,538.65	3/4	2,096.29	3/4	2,654.12	3/4	3,211.98	3/4	3,769.83	3/4	4,327.68	3/4	4,885.53	3/4	5,443.38
11	436.85	11	992.46	11	1,550.27	11	2,107.91	11	2,665.74	11	3,223.60	11	3,781.45	11	4,339.30	11	4,897.15	11	5,455.00
1/4	448.47	1/4	1,004.08	1/4	1,561.89	1/4	2,119.53	1/4	2,677.36	1/4	3,235.22	1/4	3,793.07	1/4	4,350.92	1/4	4,908.77	1/4	5,466.62
1/2	460.08	1/2	1,015.71	1/2	1,573.51	1/2	2,131.15	1/2	2,688.98	1/2	3,246.84	1/2	3,804.69	1/2	4,362.54	1/2	4,920.40	1/2	5,478.25
3/4	471.70	3/4	1,027.33	3/4	1,585.13	3/4	2,142.76	3/4	2,700.61	3/4	3,258.46	3/4	3,816.31	3/4	4,374.17	3/4	4,932.02	3/4	5,489.87

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 01'-00" OFF CENTERLINE AND 37'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "WEB 249T"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	5,501.49	0	6,059.34	0	6,617.19	0	7,175.04	0	7,732.97	0		0		0		0		0	
1/4	5,513.11	1/4	6,070.96	1/4	6,628.81	1/4	7,186.66	1/4	7,744.60	1/4		1/4		1/4		1/4		1/4	
1/2	5,524.74	1/2	6,082.59	1/2	6,640.44	1/2	7,198.29	1/2	7,756.22	1/2		1/2		1/2		1/2		1/2	
3/4	5,536.36	3/4	6,094.21	3/4	6,652.06	3/4	7,209.91	3/4	7,767.85	3/4		3/4		3/4		3/4		3/4	
1	5,547.98	1	6,105.83	1	6,663.68	1	7,221.53	1	7,779.47	1		1		1		1		1	
1/4	5,559.60	1/4	6,117.45	1/4	6,675.30	1/4	7,233.15	1/4	7,791.09	1/4		1/4		1/4		1/4		1/4	
1/2	5,571.22	1/2	6,129.07	1/2	6,686.93	1/2	7,244.78	1/2	7,802.72	1/2		1/2		1/2		1/2		1/2	
3/4	5,582.84	3/4	6,140.69	3/4	6,698.55	3/4	7,256.40	3/4	7,814.34	3/4		3/4		3/4		3/4		3/4	
2	5,594.46	2	6,152.31	2	6,710.17	2	7,268.02	2	7,825.96	2		2		2		2		2	
1/4	5,606.08	1/4	6,163.93	1/4	6,721.79	1/4	7,279.64	1/4	7,837.21	1/4		1/4		1/4		1/4		1/4	
1/2	5,617.71	1/2	6,175.56	1/2	6,733.41	1/2	7,291.27	1/2	7,848.45	1/2		1/2		1/2		1/2		1/2	
3/4	5,629.33	3/4	6,187.18	3/4	6,745.03	3/4	7,302.89	3/4	7,859.70	3/4		3/4		3/4		3/4		3/4	
3	5,640.95	3	6,198.80	3	6,756.65	3	7,314.51	3	7,870.94	3		3		3		3		3	
1/4	5,652.57	1/4	6,210.42	1/4	6,768.27	1/4	7,326.14	1/4	7,880.29	1/4		1/4		1/4		1/4		1/4	
1/2	5,664.20	1/2	6,222.05	1/2	6,779.90	1/2	7,337.76	1/2	7,889.64	1/2		1/2		1/2		1/2		1/2	
3/4	5,675.82	3/4	6,233.67	3/4	6,791.52	3/4	7,349.39	3/4	7,898.99	3/4		3/4		3/4		3/4		3/4	
4	5,687.44	4	6,245.29	4	6,803.14	4	7,361.01	4	7,908.34	4		4		4		4		4	
1/4	5,699.06	1/4	6,256.91	1/4	6,814.76	1/4	7,372.63	1/4	7,915.67	1/4		1/4		1/4		1/4		1/4	
1/2	5,710.69	1/2	6,268.54	1/2	6,826.39	1/2	7,384.26	1/2	7,923.00	1/2		1/2		1/2		1/2		1/2	
3/4	5,722.31	3/4	6,280.16	3/4	6,838.01	3/4	7,395.88	3/4	7,930.32	3/4		3/4		3/4		3/4		3/4	
5	5,733.93	5	6,291.78	5	6,849.63	5	7,407.50	5	7,937.65	5		5		5		5		5	
1/4	5,745.55	1/4	6,303.40	1/4	6,861.25	1/4	7,419.13	1/4	7,942.96	1/4		1/4		1/4		1/4		1/4	
1/2	5,757.17	1/2	6,315.03	1/2	6,872.88	1/2	7,430.75	1/2	7,948.26	1/2		1/2		1/2		1/2		1/2	
3/4	5,768.79	3/4	6,326.65	3/4	6,884.50	3/4	7,442.38	3/4	7,953.57	3/4		3/4		3/4		3/4		3/4	
6	5,780.41	6	6,338.27	6	6,896.12	6	7,454.00	6	7,958.87	6		6		6		6		6	
1/4	5,792.03	1/4	6,349.89	1/4	6,907.74	1/4	7,465.63	1/4	7,962.15	1/4		1/4		1/4		1/4		1/4	
1/2	5,803.66	1/2	6,361.51	1/2	6,919.36	1/2	7,477.25	1/2	7,965.44	1/2		1/2		1/2		1/2		1/2	
3/4	5,815.28	3/4	6,373.13	3/4	6,930.98	3/4	7,488.88	3/4	7,968.72	3/4		3/4		3/4		3/4		3/4	
7	5,826.90	7	6,384.75	7	6,942.60	7	7,500.50	7	7,972.00	7		7		7		7		7	
1/4	5,838.52	1/4	6,396.37	1/4	6,954.22	1/4	7,512.12	1/4	7,973.52	1/4		1/4		1/4		1/4		1/4	
1/2	5,850.15	1/2	6,408.00	1/2	6,965.85	1/2	7,523.75	1/2	7,975.03	1/2		1/2		1/2		1/2		1/2	
3/4	5,861.77	3/4	6,419.62	3/4	6,977.47	3/4	7,535.37	3/4	7,976.55	3/4		3/4		3/4		3/4		3/4	
8	5,873.39	8	6,431.24	8	6,989.09	8	7,546.99	8		8		8		8		8		8	
1/4	5,885.01	1/4	6,442.86	1/4	7,000.71	1/4	7,558.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,896.64	1/2	6,454.49	1/2	7,012.34	1/2	7,570.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,908.26	3/4	6,466.11	3/4	7,023.96	3/4	7,581.87	3/4		3/4		3/4		3/4		3/4		3/4	
9	5,919.88	9	6,477.73	9	7,035.58	9	7,593.49	9		9		9		9		9		9	
1/4	5,931.50	1/4	6,489.35	1/4	7,047.20	1/4	7,605.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,943.12	1/2	6,500.98	1/2	7,058.83	1/2	7,616.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,954.74	3/4	6,512.60	3/4	7,070.45	3/4	7,628.36	3/4		3/4		3/4		3/4		3/4		3/4	
10	5,966.36	10	6,524.22	10	7,082.07	10	7,639.98	10		10		10		10		10		10	
1/4	5,977.98	1/4	6,535.84	1/4	7,093.69	1/4	7,651.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,989.61	1/2	6,547.46	1/2	7,105.31	1/2	7,663.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,001.23	3/4	6,559.08	3/4	7,116.93	3/4	7,674.86	3/4		3/4		3/4		3/4		3/4		3/4	
11	6,012.85	11	6,570.70	11	7,128.55	11	7,686.48	11		11		11		11		11		11	
1/4	6,024.47	1/4	6,582.32	1/4	7,140.17	1/4	7,698.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,036.10	1/2	6,593.95	1/2	7,151.80	1/2	7,709.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,047.72	3/4	6,605.57	3/4	7,163.42	3/4	7,721.35	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/04/2006 ITS
DECK MEASUREMENTS: 02/02/2011 CL
REPRINTED: 02/03/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2011

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



BARGE "WEB 249T"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	8.64	0	261.04	0	522.91	0	786.09	0	1,049.14	0	1,312.38	0	1,575.62	0	1,838.86	0	2,102.10	0	2,365.34
1/4	12.18	1/4	266.51 ^{1/4}		528.40	1/4	791.57	1/4	1,054.62	1/4	1,317.86	1/4	1,581.11	1/4	1,844.34	1/4	2,107.58	1/4	2,370.83
1/2	15.73	1/2	271.98 ^{1/2}		533.88	1/2	797.05	1/2	1,060.11	1/2	1,323.35	1/2	1,586.59	1/2	1,849.83	1/2	2,113.07	1/2	2,376.31
3/4	19.27	3/4	277.45 ^{3/4}		539.37	3/4	802.53	3/4	1,065.59	3/4	1,328.83	3/4	1,592.08	3/4	1,855.31	3/4	2,118.55	3/4	2,381.80
1	22.81	1	282.92	1	544.85	1	808.01	1	1,071.07	1	1,334.31	1	1,597.56	1	1,860.80	1	2,124.04	1	2,387.28
1/4	27.91	1/4	288.39 ^{1/4}		550.34	1/4	813.49	1/4	1,076.56	1/4	1,339.80	1/4	1,603.04	1/4	1,866.28	1/4	2,129.52	1/4	2,392.77
1/2	33.02	1/2	293.86 ^{1/2}		555.82	1/2	818.97	1/2	1,082.04	1/2	1,345.28	1/2	1,608.53	1/2	1,871.76	1/2	2,135.01	1/2	2,398.25
3/4	38.12	3/4	299.32 ^{3/4}		561.31	3/4	824.45	3/4	1,087.53	3/4	1,350.77	3/4	1,614.01	3/4	1,877.25	3/4	2,140.49	3/4	2,403.74
2	43.22	2	304.79	2	566.79	2	829.93	2	1,093.01	2	1,356.25	2	1,619.49	2	1,882.73	2	2,145.98	2	2,409.22
1/4	48.56	1/4	310.26 ^{1/4}		572.28	1/4	835.41	1/4	1,098.50	1/4	1,361.74	1/4	1,624.98	1/4	1,888.21	1/4	2,151.46	1/4	2,414.70
1/2	53.89	1/2	315.73 ^{1/2}		577.76	1/2	840.89	1/2	1,103.98	1/2	1,367.22	1/2	1,630.46	1/2	1,893.70	1/2	2,156.94	1/2	2,420.19
3/4	59.23	3/4	321.20 ^{3/4}		583.25	3/4	846.37	3/4	1,109.47	3/4	1,372.71	3/4	1,635.95	3/4	1,899.18	3/4	2,162.43	3/4	2,425.67
3	64.56	3	326.67	3	588.73	3	851.85	3	1,114.95	3	1,378.19	3	1,641.43	3	1,904.67	3	2,167.91	3	2,431.15
1/4	69.96	1/4	332.14 ^{1/4}		594.21	1/4	857.33	1/4	1,120.43	1/4	1,383.68	1/4	1,646.92	1/4	1,910.15	1/4	2,173.39	1/4	2,436.64
1/2	75.35	1/2	337.61 ^{1/2}		599.70	1/2	862.81	1/2	1,125.92	1/2	1,389.16	1/2	1,652.40	1/2	1,915.64	1/2	2,178.88	1/2	2,442.12
3/4	80.75	3/4	343.07 ^{3/4}		605.18	3/4	868.28	3/4	1,131.40	3/4	1,394.65	3/4	1,657.88	3/4	1,921.12	3/4	2,184.36	3/4	2,447.61
4	86.14	4	348.54	4	610.66	4	873.76	4	1,136.88	4	1,400.13	4	1,663.37	4	1,926.61	4	2,189.85	4	2,453.09
1/4	91.60	1/4	353.98 ^{1/4}		616.15	1/4	879.24	1/4	1,142.37	1/4	1,405.61	1/4	1,668.85	1/4	1,932.09	1/4	2,195.33	1/4	2,458.58
1/2	97.06	1/2	359.42 ^{1/2}		621.63	1/2	884.72	1/2	1,147.85	1/2	1,411.10	1/2	1,674.33	1/2	1,937.58	1/2	2,200.82	1/2	2,464.06
3/4	102.52	3/4	364.86 ^{3/4}		627.12	3/4	890.20	3/4	1,153.34	3/4	1,416.58	3/4	1,679.82	3/4	1,943.06	3/4	2,206.30	3/4	2,469.55
5	107.98	5	370.30	5	632.60	5	895.68	5	1,158.82	5	1,422.06	5	1,685.30	5	1,948.55	5	2,211.79	5	2,475.03
1/4	113.44	1/4	375.73 ^{1/4}		638.09	1/4	901.16	1/4	1,164.31	1/4	1,427.55	1/4	1,690.78	1/4	1,954.03	1/4	2,217.27	1/4	2,480.52
1/2	118.90	1/2	381.17 ^{1/2}		643.57	1/2	906.64	1/2	1,169.79	1/2	1,433.03	1/2	1,696.27	1/2	1,959.51	1/2	2,222.76	1/2	2,486.00
3/4	124.36	3/4	386.60 ^{3/4}		649.06	3/4	912.12	3/4	1,175.28	3/4	1,438.52	3/4	1,701.75	3/4	1,965.00	3/4	2,228.24	3/4	2,491.49
6	129.82	6	392.03	6	654.54	6	917.60	6	1,180.76	6	1,444.00	6	1,707.24	6	1,970.48	6	2,233.72	6	2,496.97
1/4	135.28	1/4	397.46 ^{1/4}		660.02	1/4	923.08	1/4	1,186.24	1/4	1,449.49	1/4	1,712.72	1/4	1,975.96	1/4	2,239.21	1/4	2,502.45
1/2	140.74	1/2	402.90 ^{1/2}		665.51	1/2	928.56	1/2	1,191.73	1/2	1,454.97	1/2	1,718.21	1/2	1,981.45	1/2	2,244.69	1/2	2,507.94
3/4	146.20	3/4	408.33 ^{3/4}		670.99	3/4	934.04	3/4	1,197.21	3/4	1,460.46	3/4	1,723.69	3/4	1,986.93	3/4	2,250.18	3/4	2,513.42
7	151.66	7	413.76	7	676.47	7	939.52	7	1,202.69	7	1,465.94	7	1,729.18	7	1,992.42	7	2,255.66	7	2,518.90
1/4	157.13	1/4	419.19 ^{1/4}		681.95	1/4	945.00	1/4	1,208.18	1/4	1,471.42	1/4	1,734.66	1/4	1,997.90	1/4	2,261.15	1/4	2,524.39
1/2	162.59	1/2	424.62 ^{1/2}		687.44	1/2	950.48	1/2	1,213.66	1/2	1,476.91	1/2	1,740.14	1/2	2,003.39	1/2	2,266.63	1/2	2,529.87
3/4	168.06	3/4	430.05 ^{3/4}		692.92	3/4	955.96	3/4	1,219.15	3/4	1,482.39	3/4	1,745.63	3/4	2,008.87	3/4	2,272.12	3/4	2,535.36
8	173.52	8	435.48	8	698.40	8	961.44	8	1,224.63	8	1,487.87	8	1,751.11	8	2,014.36	8	2,277.60	8	2,540.84
1/4	178.99	1/4	440.91 ^{1/4}		703.88	1/4	966.92	1/4	1,230.12	1/4	1,493.36	1/4	1,756.59	1/4	2,019.84	1/4	2,283.08	1/4	2,546.33
1/2	184.46	1/2	446.35 ^{1/2}		709.37	1/2	972.40	1/2	1,235.60	1/2	1,498.84	1/2	1,762.08	1/2	2,025.32	1/2	2,288.57	1/2	2,551.81
3/4	189.93	3/4	451.78 ^{3/4}		714.85	3/4	977.87	3/4	1,241.09	3/4	1,504.33	3/4	1,767.56	3/4	2,030.81	3/4	2,294.05	3/4	2,557.30
9	195.40	9	457.21	9	720.33	9	983.35	9	1,246.57	9	1,509.81	9	1,773.05	9	2,036.29	9	2,299.53	9	2,562.78
1/4	200.87	1/4	462.67 ^{1/4}		725.81	1/4	988.83	1/4	1,252.05	1/4	1,515.30	1/4	1,778.53	1/4	2,041.77	1/4	2,305.02	1/4	2,568.26
1/2	206.35	1/2	468.13 ^{1/2}		731.29	1/2	994.31	1/2	1,257.54	1/2	1,520.78	1/2	1,784.02	1/2	2,047.26	1/2	2,310.50	1/2	2,573.75
3/4	211.82	3/4	473.58 ^{3/4}		736.77	3/4	999.79	3/4	1,263.02	3/4	1,526.27	3/4	1,789.50	3/4	2,052.74	3/4	2,315.99	3/4	2,579.23
10	217.29	10	479.04	10	742.25	10	1,005.27	10	1,268.50	10	1,531.75	10	1,794.99	10	2,058.23	10	2,321.47	10	2,584.71
1/4	222.76	1/4	484.53 ^{1/4}		747.73	1/4	1,010.75	1/4	1,273.99	1/4	1,537.23	1/4	1,800.47	1/4	2,063.71	1/4	2,326.96	1/4	2,590.20
1/2	228.23	1/2	490.01 ^{1/2}		753.21	1/2	1,016.24	1/2	1,279.47	1/2	1,542.72	1/2	1,805.95	1/2	2,069.20	1/2	2,332.44	1/2	2,595.68
3/4	233.69	3/4	495.50 ^{3/4}		758.69	3/4	1,021.72	3/4	1,284.96	3/4	1,548.20	3/4	1,811.44	3/4	2,074.68	3/4	2,337.93	3/4	2,601.17
11	239.16	11	500.98	11	764.17	11	1,027.20	11	1,290.44	11	1,553.68	11	1,816.92	11	2,080.17	11	2,343.41	11	2,606.65
1/4	244.63	1/4	506.46 ^{1/4}		769.65	1/4	1,032.69	1/4	1,295.93	1/4	1,559.17	1/4	1,822.40	1/4	2,085.65	1/4	2,348.89	1/4	2,612.14
1/2	250.10	1/2	511.95 ^{1/2}		775.13	1/2	1,038.17	1/2	1,301.41	1/2	1,564.65	1/2	1,827.89	1/2	2,091.13	1/2	2,354.38	1/2	2,617.62
3/4	255.57	3/4	517.43 ^{3/4}		780.61	3/4	1,043.66	3/4	1,306.90	3/4	1,570.14	3/4	1,833.37	3/4	2,096.62	3/4	2,359.86	3/4	2,623.11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH

GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-00" 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 249T"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-08 3/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,628.59	0	2,891.83	0	3,155.07	0	3,418.31	0	3,681.59	0		0		0		0		0	
1/4	2,634.07	1/4	2,897.31	1/4	3,160.56	1/4	3,423.80	1/4	3,687.08	1/4		1/4		1/4		1/4		1/4	
1/2	2,639.56	1/2	2,902.80	1/2	3,166.04	1/2	3,429.28	1/2	3,692.56	1/2		1/2		1/2		1/2		1/2	
3/4	2,645.04	3/4	2,908.28	3/4	3,171.53	3/4	3,434.77	3/4	3,698.05	3/4		3/4		3/4		3/4		3/4	
1	2,650.52	1	2,913.76	1	3,177.01	1	3,440.25	1	3,703.53	1		1		1		1		1	
1/4	2,656.01	1/4	2,919.25	1/4	3,182.49	1/4	3,445.74	1/4	3,708.46	1/4		1/4		1/4		1/4		1/4	
1/2	2,661.49	1/2	2,924.73	1/2	3,187.98	1/2	3,451.22	1/2	3,713.39	1/2		1/2		1/2		1/2		1/2	
3/4	2,666.98	3/4	2,930.22	3/4	3,193.46	3/4	3,456.71	3/4	3,718.31	3/4		3/4		3/4		3/4		3/4	
2	2,672.46	2	2,935.70	2	3,198.94	2	3,462.19	2	3,723.24	2		2		2		2		2	
1/4	2,677.95	1/4	2,941.19	1/4	3,204.43	1/4	3,467.68	1/4	3,727.27	1/4		1/4		1/4		1/4		1/4	
1/2	2,683.43	1/2	2,946.67	1/2	3,209.91	1/2	3,473.16	1/2	3,731.30	1/2		1/2		1/2		1/2		1/2	
3/4	2,688.92	3/4	2,952.16	3/4	3,215.40	3/4	3,478.65	3/4	3,735.32	3/4		3/4		3/4		3/4		3/4	
3	2,694.40	3	2,957.64	3	3,220.88	3	3,484.13	3	3,739.35	3		3		3		3		3	
1/4	2,699.88	1/4	2,963.12	1/4	3,226.37	1/4	3,489.62	1/4	3,742.49	1/4		1/4		1/4		1/4		1/4	
1/2	2,705.37	1/2	2,968.61	1/2	3,231.85	1/2	3,495.10	1/2	3,745.62	1/2		1/2		1/2		1/2		1/2	
3/4	2,710.85	3/4	2,974.09	3/4	3,237.34	3/4	3,500.59	3/4	3,748.76	3/4		3/4		3/4		3/4		3/4	
4	2,716.33	4	2,979.57	4	3,242.82	4	3,506.07	4	3,751.89	4		4		4		4		4	
1/4	2,721.82	1/4	2,985.06	1/4	3,248.30	1/4	3,511.56	1/4	3,754.13	1/4		1/4		1/4		1/4		1/4	
1/2	2,727.30	1/2	2,990.54	1/2	3,253.79	1/2	3,517.04	1/2	3,756.37	1/2		1/2		1/2		1/2		1/2	
3/4	2,732.79	3/4	2,996.03	3/4	3,259.27	3/4	3,522.53	3/4	3,758.60	3/4		3/4		3/4		3/4		3/4	
5	2,738.27	5	3,001.51	5	3,264.75	5	3,528.01	5	3,760.84	5		5		5		5		5	
1/4	2,743.76	1/4	3,007.00	1/4	3,270.24	1/4	3,533.50	1/4	3,762.18	1/4		1/4		1/4		1/4		1/4	
1/2	2,749.24	1/2	3,012.48	1/2	3,275.72	1/2	3,538.98	1/2	3,763.53	1/2		1/2		1/2		1/2		1/2	
3/4	2,754.73	3/4	3,017.97	3/4	3,281.21	3/4	3,544.47	3/4	3,764.87	3/4		3/4		3/4		3/4		3/4	
6	2,760.21	6	3,023.45	6	3,286.69	6	3,549.95	6	3,766.21	6		6		6		6		6	
1/4	2,765.69	1/4	3,028.94	1/4	3,292.18	1/4	3,555.44	1/4	3,766.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,771.18	1/2	3,034.42	1/2	3,297.66	1/2	3,560.92	1/2	3,767.11	1/2		1/2		1/2		1/2		1/2	
3/4	2,776.66	3/4	3,039.91	3/4	3,303.15	3/4	3,566.41	3/4	3,767.55	3/4		3/4		3/4		3/4		3/4	
7	2,782.14	7	3,045.39	7	3,308.63	7	3,571.89	7	3,768.00	7		7		7		7		7	
1/4	2,787.63	1/4	3,050.87	1/4	3,314.11	1/4	3,577.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,793.11	1/2	3,056.36	1/2	3,319.60	1/2	3,582.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,798.60	3/4	3,061.84	3/4	3,325.08	3/4	3,588.35	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,804.08	8	3,067.32	8	3,330.56	8	3,593.83	8		8		8		8		8		8	
1/4	2,809.57	1/4	3,072.81	1/4	3,336.05	1/4	3,599.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,815.05	1/2	3,078.29	1/2	3,341.53	1/2	3,604.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,820.54	3/4	3,083.78	3/4	3,347.02	3/4	3,610.29	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,826.02	9	3,089.26	9	3,352.50	9	3,615.77	9		9		9		9		9		9	
1/4	2,831.50	1/4	3,094.75	1/4	3,357.99	1/4	3,621.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,836.99	1/2	3,100.23	1/2	3,363.47	1/2	3,626.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,842.47	3/4	3,105.72	3/4	3,368.96	3/4	3,632.23	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,847.95	10	3,111.20	10	3,374.44	10	3,637.71	10		10		10		10		10		10	
1/4	2,853.44	1/4	3,116.68	1/4	3,379.92	1/4	3,643.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,858.92	1/2	3,122.17	1/2	3,385.41	1/2	3,648.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,864.41	3/4	3,127.65	3/4	3,390.89	3/4	3,654.17	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,869.89	11	3,133.13	11	3,396.37	11	3,659.65	11		11		11		11		11		11	
1/4	2,875.38	1/4	3,138.62	1/4	3,401.86	1/4	3,665.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,880.86	1/2	3,144.10	1/2	3,407.34	1/2	3,670.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,886.35	3/4	3,149.59	3/4	3,412.83	3/4	3,676.11	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 01/04/2006 ITS
DECK MEASUREMENTS: 02/02/2011 CL
REPRINTED: 02/03/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2011

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 249T"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	8.64	0	260.97	0	522.78	0	785.78	0	1,048.10	0	1,311.27	0	1,574.45	0	1,837.62	0	2,100.79	0	2,363.97
1/4	12.18	1/4	266.44 ^{1/4}		528.26	1/4	791.24	1/4	1,053.58	1/4	1,316.75	1/4	1,579.93	1/4	1,843.10	1/4	2,106.28	1/4	2,369.45
1/2	15.72	1/2	271.91 ^{1/2}		533.75	1/2	796.70	1/2	1,059.07	1/2	1,322.24	1/2	1,585.42	1/2	1,848.59	1/2	2,111.76	1/2	2,374.94
3/4	19.26	3/4	277.37 ^{3/4}		539.23	3/4	802.17	3/4	1,064.55	3/4	1,327.72	3/4	1,590.90	3/4	1,854.07	3/4	2,117.25	3/4	2,380.42
1	22.80	1	282.84	1	544.71	1	807.63	1	1,070.03	1	1,333.20	1	1,596.38	1	1,859.55	1	2,122.73	1	2,385.90
1/4	27.90	1/4	288.31 ^{1/4}		550.19	1/4	813.09	1/4	1,075.51	1/4	1,338.68	1/4	1,601.86	1/4	1,865.03	1/4	2,128.21	1/4	2,391.38
1/2	33.01	1/2	293.78 ^{1/2}		555.67	1/2	818.55	1/2	1,081.00	1/2	1,344.17	1/2	1,607.35	1/2	1,870.52	1/2	2,133.70	1/2	2,396.87
3/4	38.11	3/4	299.24 ^{3/4}		561.16	3/4	824.02	3/4	1,086.48	3/4	1,349.65	3/4	1,612.83	3/4	1,876.00	3/4	2,139.18	3/4	2,402.35
2	43.21	2	304.71	2	566.64	2	829.48	2	1,091.96	2	1,355.13	2	1,618.31	2	1,881.48	2	2,144.66	2	2,407.83
1/4	48.54	1/4	310.18 ^{1/4}		572.12	1/4	834.94	1/4	1,097.44	1/4	1,360.61	1/4	1,623.79	1/4	1,886.96	1/4	2,150.14	1/4	2,413.31
1/2	53.88	1/2	315.65 ^{1/2}		577.60	1/2	840.40	1/2	1,102.93	1/2	1,366.10	1/2	1,629.28	1/2	1,892.45	1/2	2,155.63	1/2	2,418.80
3/4	59.21	3/4	321.11 ^{3/4}		583.09	3/4	845.87	3/4	1,108.41	3/4	1,371.58	3/4	1,634.76	3/4	1,897.93	3/4	2,161.11	3/4	2,424.28
3	64.54	3	326.58	3	588.57	3	851.33	3	1,113.89	3	1,377.06	3	1,640.24	3	1,903.41	3	2,166.59	3	2,429.76
1/4	69.94	1/4	332.05 ^{1/4}		594.05	1/4	856.79	1/4	1,119.37	1/4	1,382.55	1/4	1,645.72	1/4	1,908.89	1/4	2,172.07	1/4	2,435.24
1/2	75.33	1/2	337.52 ^{1/2}		599.54	1/2	862.25	1/2	1,124.86	1/2	1,388.03	1/2	1,651.21	1/2	1,914.38	1/2	2,177.56	1/2	2,440.73
3/4	80.73	3/4	342.98 ^{3/4}		605.02	3/4	867.72	3/4	1,130.34	3/4	1,393.52	3/4	1,656.69	3/4	1,919.86	3/4	2,183.04	3/4	2,446.21
4	86.12	4	348.45	4	610.51	4	873.18	4	1,135.82	4	1,399.00	4	1,662.17	4	1,925.34	4	2,188.52	4	2,451.69
1/4	91.58	1/4	353.89 ^{1/4}		615.99	1/4	878.64	1/4	1,141.30	1/4	1,404.48	1/4	1,667.65	1/4	1,930.83	1/4	2,194.00	1/4	2,457.17
1/2	97.04	1/2	359.33 ^{1/2}		621.47	1/2	884.10	1/2	1,146.79	1/2	1,409.97	1/2	1,673.14	1/2	1,936.31	1/2	2,199.49	1/2	2,462.66
3/4	102.49	3/4	364.77 ^{3/4}		626.96	3/4	889.57	3/4	1,152.27	3/4	1,415.45	3/4	1,678.62	3/4	1,941.80	3/4	2,204.97	3/4	2,468.14
5	107.95	5	370.21	5	632.44	5	895.03	5	1,157.75	5	1,420.93	5	1,684.10	5	1,947.28	5	2,210.45	5	2,473.62
1/4	113.41	1/4	375.64 ^{1/4}		637.92	1/4	900.49	1/4	1,163.23	1/4	1,426.41	1/4	1,689.58	1/4	1,952.76	1/4	2,215.93	1/4	2,479.11
1/2	118.87	1/2	381.07 ^{1/2}		643.40	1/2	905.95	1/2	1,168.72	1/2	1,431.90	1/2	1,695.07	1/2	1,958.25	1/2	2,221.42	1/2	2,484.59
3/4	124.33	3/4	386.50 ^{3/4}		648.89	3/4	911.42	3/4	1,174.20	3/4	1,437.38	3/4	1,700.55	3/4	1,963.73	3/4	2,226.90	3/4	2,490.08
6	129.79	6	391.93	6	654.37	6	916.88	6	1,179.68	6	1,442.86	6	1,706.03	6	1,969.21	6	2,232.38	6	2,495.56
1/4	135.25	1/4	397.36 ^{1/4}		659.85	1/4	922.34	1/4	1,185.17	1/4	1,448.34	1/4	1,711.51	1/4	1,974.69	1/4	2,237.86	1/4	2,501.04
1/2	140.71	1/2	402.79 ^{1/2}		665.33	1/2	927.80	1/2	1,190.65	1/2	1,453.83	1/2	1,717.00	1/2	1,980.18	1/2	2,243.35	1/2	2,506.53
3/4	146.16	3/4	408.22 ^{3/4}		670.82	3/4	933.27	3/4	1,196.14	3/4	1,459.31	3/4	1,722.48	3/4	1,985.66	3/4	2,248.83	3/4	2,512.01
7	151.62	7	413.65	7	676.30	7	938.73	7	1,201.62	7	1,464.79	7	1,727.96	7	1,991.14	7	2,254.31	7	2,517.49
1/4	157.09	1/4	419.08 ^{1/4}		681.78	1/4	944.19	1/4	1,207.10	1/4	1,470.27	1/4	1,733.45	1/4	1,996.62	1/4	2,259.79	1/4	2,522.97
1/2	162.55	1/2	424.51 ^{1/2}		687.26	1/2	949.65	1/2	1,212.59	1/2	1,475.76	1/2	1,738.93	1/2	2,002.11	1/2	2,265.28	1/2	2,528.46
3/4	168.02	3/4	429.94 ^{3/4}		692.74	3/4	955.12	3/4	1,218.07	3/4	1,481.24	3/4	1,744.42	3/4	2,007.59	3/4	2,270.76	3/4	2,533.94
8	173.48	8	435.37	8	698.22	8	960.58	8	1,223.55	8	1,486.72	8	1,749.90	8	2,013.07	8	2,276.24	8	2,539.42
1/4	178.95	1/4	440.80 ^{1/4}		703.70	1/4	966.04	1/4	1,229.03	1/4	1,492.20	1/4	1,755.38	1/4	2,018.55	1/4	2,281.73	1/4	2,544.90
1/2	184.42	1/2	446.23 ^{1/2}		709.18	1/2	971.50	1/2	1,234.52	1/2	1,497.69	1/2	1,760.87	1/2	2,024.04	1/2	2,287.21	1/2	2,550.39
3/4	189.88	3/4	451.66 ^{3/4}		714.66	3/4	976.97	3/4	1,240.00	3/4	1,503.17	3/4	1,766.35	3/4	2,029.52	3/4	2,292.70	3/4	2,555.87
9	195.35	9	457.09	9	720.14	9	982.43	9	1,245.48	9	1,508.65	9	1,771.83	9	2,035.00	9	2,298.18	9	2,561.35
1/4	200.82	1/4	462.55 ^{1/4}		725.62	1/4	987.89	1/4	1,250.96	1/4	1,514.13	1/4	1,777.31	1/4	2,040.48	1/4	2,303.66	1/4	2,566.83
1/2	206.29	1/2	468.01 ^{1/2}		731.10	1/2	993.35	1/2	1,256.45	1/2	1,519.62	1/2	1,782.80	1/2	2,045.97	1/2	2,309.15	1/2	2,572.32
3/4	211.76	3/4	473.46 ^{3/4}		736.58	3/4	998.82	3/4	1,261.93	3/4	1,525.10	3/4	1,788.28	3/4	2,051.45	3/4	2,314.63	3/4	2,577.80
10	217.23	10	478.92	10	742.06	10	1,004.28	10	1,267.41	10	1,530.58	10	1,793.76	10	2,056.93	10	2,320.11	10	2,583.28
1/4	222.70	1/4	484.40 ^{1/4}		747.53	1/4	1,009.75	1/4	1,272.89	1/4	1,536.06	1/4	1,799.24	1/4	2,062.41	1/4	2,325.59	1/4	2,588.76
1/2	228.17	1/2	489.89 ^{1/2}		752.99	1/2	1,015.23	1/2	1,278.38	1/2	1,541.55	1/2	1,804.73	1/2	2,067.90	1/2	2,331.08	1/2	2,594.25
3/4	233.63	3/4	495.37 ^{3/4}		758.46	3/4	1,020.70	3/4	1,283.86	3/4	1,547.03	3/4	1,810.21	3/4	2,073.38	3/4	2,336.56	3/4	2,599.73
11	239.10	11	500.85	11	763.93	11	1,026.17	11	1,289.34	11	1,552.51	11	1,815.69	11	2,078.86	11	2,342.04	11	2,605.21
1/4	244.57	1/4	506.33 ^{1/4}		769.39	1/4	1,031.65	1/4	1,294.82	1/4	1,558.00	1/4	1,821.17	1/4	2,084.34	1/4	2,347.52	1/4	2,610.69
1/2	250.04	1/2	511.82 ^{1/2}		774.85	1/2	1,037.14	1/2	1,300.31	1/2	1,563.48	1/2	1,826.66	1/2	2,089.83	1/2	2,353.01	1/2	2,616.18
3/4	255.50	3/4	517.30 ^{3/4}		780.32	3/4	1,042.62	3/4	1,305.79	3/4	1,568.97	3/4	1,832.14	3/4	2,095.31	3/4	2,358.49	3/4	2,621.66

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH

GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-00" 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 249T"

**2 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

Gauge Height 14'-08 3/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,627.14	0	2,890.32	0	3,153.49	0	3,416.66	0	3,679.88	0		0		0		0		0	
1/4	2,632.62	1/4	2,895.80	1/4	3,158.97	1/4	3,422.15	1/4	3,685.36	1/4		1/4		1/4		1/4		1/4	
1/2	2,638.11	1/2	2,901.29	1/2	3,164.46	1/2	3,427.63	1/2	3,690.85	1/2		1/2		1/2		1/2		1/2	
3/4	2,643.59	3/4	2,906.77	3/4	3,169.94	3/4	3,433.12	3/4	3,696.33	3/4		3/4		3/4		3/4		3/4	
1	2,649.07	1	2,912.25	1	3,175.42	1	3,438.60	1	3,701.81	1		1		1		1		1	
1/4	2,654.56	1/4	2,917.73	1/4	3,180.90	1/4	3,444.08	1/4	3,706.72	1/4		1/4		1/4		1/4		1/4	
1/2	2,660.04	1/2	2,923.22	1/2	3,186.39	1/2	3,449.57	1/2	3,711.64	1/2		1/2		1/2		1/2		1/2	
3/4	2,665.53	3/4	2,928.70	3/4	3,191.87	3/4	3,455.05	3/4	3,716.55	3/4		3/4		3/4		3/4		3/4	
2	2,671.01	2	2,934.18	2	3,197.35	2	3,460.53	2	3,721.46	2		2		2		2		2	
1/4	2,676.49	1/4	2,939.66	1/4	3,202.84	1/4	3,466.02	1/4	3,725.46	1/4		1/4		1/4		1/4		1/4	
1/2	2,681.98	1/2	2,945.15	1/2	3,208.32	1/2	3,471.50	1/2	3,729.46	1/2		1/2		1/2		1/2		1/2	
3/4	2,687.46	3/4	2,950.63	3/4	3,213.81	3/4	3,476.99	3/4	3,733.46	3/4		3/4		3/4		3/4		3/4	
3	2,692.94	3	2,956.11	3	3,219.29	3	3,482.47	3	3,737.46	3		3		3		3		3	
1/4	2,698.42	1/4	2,961.59	1/4	3,224.77	1/4	3,487.95	1/4	3,740.54	1/4		1/4		1/4		1/4		1/4	
1/2	2,703.91	1/2	2,967.08	1/2	3,230.26	1/2	3,493.44	1/2	3,743.63	1/2		1/2		1/2		1/2		1/2	
3/4	2,709.39	3/4	2,972.56	3/4	3,235.74	3/4	3,498.92	3/4	3,746.71	3/4		3/4		3/4		3/4		3/4	
4	2,714.87	4	2,978.04	4	3,241.22	4	3,504.40	4	3,749.79	4		4		4		4		4	
1/4	2,720.35	1/4	2,983.52	1/4	3,246.70	1/4	3,509.89	1/4	3,751.96	1/4		1/4		1/4		1/4		1/4	
1/2	2,725.84	1/2	2,989.01	1/2	3,252.19	1/2	3,515.37	1/2	3,754.13	1/2		1/2		1/2		1/2		1/2	
3/4	2,731.32	3/4	2,994.49	3/4	3,257.67	3/4	3,520.86	3/4	3,756.30	3/4		3/4		3/4		3/4		3/4	
5	2,736.80	5	2,999.97	5	3,263.15	5	3,526.34	5	3,758.47	5		5		5		5		5	
1/4	2,742.28	1/4	3,005.45	1/4	3,268.63	1/4	3,531.82	1/4	3,759.73	1/4		1/4		1/4		1/4		1/4	
1/2	2,747.77	1/2	3,010.94	1/2	3,274.12	1/2	3,537.31	1/2	3,760.99	1/2		1/2		1/2		1/2		1/2	
3/4	2,753.25	3/4	3,016.42	3/4	3,279.60	3/4	3,542.79	3/4	3,762.24	3/4		3/4		3/4		3/4		3/4	
6	2,758.73	6	3,021.90	6	3,285.08	6	3,548.27	6	3,763.50	6		6		6		6		6	
1/4	2,764.21	1/4	3,027.39	1/4	3,290.56	1/4	3,553.76	1/4	3,763.95	1/4		1/4		1/4		1/4		1/4	
1/2	2,769.70	1/2	3,032.87	1/2	3,296.05	1/2	3,559.24	1/2	3,764.41	1/2		1/2		1/2		1/2		1/2	
3/4	2,775.18	3/4	3,038.36	3/4	3,301.53	3/4	3,564.73	3/4	3,764.86	3/4		3/4		3/4		3/4		3/4	
7	2,780.66	7	3,043.84	7	3,307.01	7	3,570.21	7		7		7		7		7		7	
1/4	2,786.14	1/4	3,049.32	1/4	3,312.49	1/4	3,575.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,791.63	1/2	3,054.81	1/2	3,317.98	1/2	3,581.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,797.11	3/4	3,060.29	3/4	3,323.46	3/4	3,586.66	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,802.59	8	3,065.77	8	3,328.94	8	3,592.14	8		8		8		8		8		8	
1/4	2,808.07	1/4	3,071.25	1/4	3,334.42	1/4	3,597.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,813.56	1/2	3,076.74	1/2	3,339.91	1/2	3,603.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,819.04	3/4	3,082.22	3/4	3,345.39	3/4	3,608.60	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,824.52	9	3,087.70	9	3,350.87	9	3,614.08	9		9		9		9		9		9	
1/4	2,830.01	1/4	3,093.18	1/4	3,356.35	1/4	3,619.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,835.49	1/2	3,098.67	1/2	3,361.84	1/2	3,625.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,840.98	3/4	3,104.15	3/4	3,367.32	3/4	3,630.53	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,846.46	10	3,109.63	10	3,372.80	10	3,636.01	10		10		10		10		10		10	
1/4	2,851.94	1/4	3,115.11	1/4	3,378.28	1/4	3,641.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,857.43	1/2	3,120.60	1/2	3,383.77	1/2	3,646.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,862.91	3/4	3,126.08	3/4	3,389.25	3/4	3,652.47	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,868.39	11	3,131.56	11	3,394.73	11	3,657.95	11		11		11		11		11		11	
1/4	2,873.87	1/4	3,137.04	1/4	3,400.21	1/4	3,663.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,879.36	1/2	3,142.53	1/2	3,405.70	1/2	3,668.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,884.84	3/4	3,148.01	3/4	3,411.18	3/4	3,674.40	3/4		3/4		3/4		3/4		3/4		3/4	

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REPRINTED: 02/03/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2011

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 249T"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-08 1/4"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	8.64	261.02	522.88	785.92	1,048.29	1,311.51	1,574.74	1,837.96	2,101.18	2,364.40
1/4	12.18	266.49 ^{1/4}	528.36	791.39	1,053.78	1,317.00	1,580.22	1,843.44	2,106.67	2,369.89
1/2	15.73	271.96 ^{1/2}	533.85	796.85	1,059.26	1,322.48	1,585.71	1,848.93	2,112.15	2,375.37
3/4	19.27	277.42 ^{3/4}	539.33	802.32	1,064.75	1,327.97	1,591.19	1,854.41	2,117.64	2,380.86
1	22.81	282.89	544.81	807.78	1,070.23	1,333.45	1,596.67	1,859.89	2,123.12	2,386.34
1/4	27.91	288.36 ^{1/4}	550.30	813.24	1,075.71	1,338.93	1,602.16	1,865.38	2,128.60	2,391.82
1/2	33.02	293.83 ^{1/2}	555.78	818.71	1,081.20	1,344.42	1,607.64	1,870.86	2,134.09	2,397.31
3/4	38.12	299.30 ^{3/4}	561.27	824.17	1,086.68	1,349.90	1,613.13	1,876.35	2,139.57	2,402.79
2	43.22	304.77	566.75	829.63	1,092.16	1,355.38	1,618.61	1,881.83	2,145.05	2,408.27
1/4	48.55	310.24 ^{1/4}	572.23	835.10	1,097.65	1,360.87	1,624.09	1,887.31	2,150.54	2,413.76
1/2	53.89	315.71 ^{1/2}	577.72	840.56	1,103.13	1,366.35	1,629.58	1,892.80	2,156.02	2,419.24
3/4	59.22	321.17 ^{3/4}	583.20	846.03	1,108.62	1,371.84	1,635.06	1,898.28	2,161.51	2,424.73
3	64.55	326.64	588.68	851.49	1,114.10	1,377.32	1,640.54	1,903.76	2,166.99	2,430.21
1/4	69.95	332.11 ^{1/4}	594.17	856.95	1,119.58	1,382.80	1,646.03	1,909.25	2,172.47	2,435.69
1/2	75.34	337.58 ^{1/2}	599.65	862.42	1,125.07	1,388.29	1,651.51	1,914.73	2,177.96	2,441.18
3/4	80.74	343.05 ^{3/4}	605.14	867.88	1,130.55	1,393.77	1,657.00	1,920.22	2,183.44	2,446.66
4	86.13	348.52	610.62	873.34	1,136.03	1,399.25	1,662.48	1,925.70	2,188.92	2,452.14
1/4	91.59	353.96 ^{1/4}	616.10	878.80	1,141.52	1,404.74	1,667.96	1,931.18	2,194.41	2,457.63
1/2	97.05	359.40 ^{1/2}	621.59	884.27	1,147.00	1,410.22	1,673.45	1,936.67	2,199.89	2,463.11
3/4	102.51	364.84 ^{3/4}	627.07	889.73	1,152.49	1,415.71	1,678.93	1,942.15	2,205.38	2,468.60
5	107.97	370.28	632.55	895.19	1,157.97	1,421.19	1,684.41	1,947.63	2,210.86	2,474.08
1/4	113.43	375.71 ^{1/4}	638.04	900.66	1,163.45	1,426.67	1,689.90	1,953.12	2,216.34	2,479.56
1/2	118.89	381.14 ^{1/2}	643.52	906.12	1,168.94	1,432.16	1,695.38	1,958.60	2,221.83	2,485.05
3/4	124.35	386.57 ^{3/4}	649.01	911.59	1,174.42	1,437.64	1,700.87	1,964.09	2,227.31	2,490.53
6	129.81	392.00	654.49	917.05	1,179.90	1,443.12	1,706.35	1,969.57	2,232.79	2,496.01
1/4	135.27	397.43 ^{1/4}	659.98	922.51	1,185.39	1,448.61	1,711.83	1,975.05	2,238.28	2,501.50
1/2	140.73	402.87 ^{1/2}	665.46	927.98	1,190.87	1,454.09	1,717.32	1,980.54	2,243.76	2,506.98
3/4	146.19	408.30 ^{3/4}	670.95	933.44	1,196.36	1,459.58	1,722.80	1,986.02	2,249.25	2,512.47
7	151.65	413.73	676.43	938.90	1,201.84	1,465.06	1,728.28	1,991.50	2,254.73	2,517.95
1/4	157.12	419.16 ^{1/4}	681.91	944.36	1,207.32	1,470.54	1,733.77	1,996.99	2,260.21	2,523.43
1/2	162.58	424.59 ^{1/2}	687.39	949.82	1,212.81	1,476.03	1,739.25	2,002.47	2,265.70	2,528.92
3/4	168.05	430.02 ^{3/4}	692.87	955.29	1,218.29	1,481.51	1,744.74	2,007.96	2,271.18	2,534.40
8	173.51	435.45	698.35	960.75	1,223.77	1,486.99	1,750.22	2,013.44	2,276.66	2,539.88
1/4	178.98	440.88 ^{1/4}	703.83	966.21	1,229.26	1,492.48	1,755.70	2,018.92	2,282.15	2,545.37
1/2	184.45	446.31 ^{1/2}	709.32	971.68	1,234.74	1,497.96	1,761.19	2,024.41	2,287.63	2,550.85
3/4	189.92	451.74 ^{3/4}	714.80	977.15	1,240.23	1,503.45	1,766.67	2,029.89	2,293.12	2,556.34
9	195.39	457.17	720.28	982.61	1,245.71	1,508.93	1,772.15	2,035.37	2,298.60	2,561.82
1/4	200.86	462.63 ^{1/4}	725.76	988.07	1,251.19	1,514.41	1,777.64	2,040.86	2,304.08	2,567.30
1/2	206.33	468.09 ^{1/2}	731.24	993.54	1,256.68	1,519.90	1,783.12	2,046.34	2,309.57	2,572.79
3/4	211.80	473.54 ^{3/4}	736.72	999.00	1,262.16	1,525.38	1,788.61	2,051.83	2,315.05	2,578.27
10	217.27	479.00	742.20	1,004.46	1,267.64	1,530.86	1,794.09	2,057.31	2,320.53	2,583.75
1/4	222.74	484.49 ^{1/4}	747.67	1,009.94	1,273.13	1,536.35	1,799.57	2,062.79	2,326.02	2,589.24
1/2	228.21	489.97 ^{1/2}	753.14	1,015.41	1,278.61	1,541.83	1,805.06	2,068.28	2,331.50	2,594.72
3/4	233.68	495.46 ^{3/4}	758.60	1,020.89	1,284.10	1,547.32	1,810.54	2,073.76	2,336.99	2,600.21
11	239.15	500.94	764.07	1,026.36	1,289.58	1,552.80	1,816.02	2,079.24	2,342.47	2,605.69
1/4	244.62	506.43 ^{1/4}	769.53	1,031.84	1,295.06	1,558.29	1,821.51	2,084.73	2,347.95	2,611.17
1/2	250.09	511.91 ^{1/2}	775.00	1,037.33	1,300.55	1,563.77	1,826.99	2,090.21	2,353.44	2,616.66
3/4	255.55	517.40 ^{3/4}	780.46	1,042.81	1,306.03	1,569.26	1,832.48	2,095.70	2,358.92	2,622.14

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-00" 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 249T"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-08 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	2,627.62	0	2,890.85	0	3,154.07	0	3,417.29	0	3,680.56	0		0		0		0		0	
1/4	2,633.11	1/4	2,896.33	1/4	3,159.55	1/4	3,422.78	1/4	3,686.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,638.59	1/2	2,901.82	1/2	3,165.04	1/2	3,428.26	1/2	3,691.53	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,644.08	3/4	2,907.30	3/4	3,170.52	3/4	3,433.75	3/4	3,697.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,649.56	1	2,912.78	1	3,176.00	1	3,439.23	1	3,702.50	1	1	1	1	1	1	1	1	1	1
1/4	2,655.05	1/4	2,918.27	1/4	3,181.49	1/4	3,444.72	1/4	3,707.41	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,660.53	1/2	2,923.75	1/2	3,186.97	1/2	3,450.20	1/2	3,712.33	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,666.02	3/4	2,929.24	3/4	3,192.46	3/4	3,455.69	3/4	3,717.24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,671.50	2	2,934.72	2	3,197.94	2	3,461.17	2	3,722.15	2	2	2	2	2	2	2	2	2	2
1/4	2,676.98	1/4	2,940.20	1/4	3,203.43	1/4	3,466.66	1/4	3,726.15	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,682.47	1/2	2,945.69	1/2	3,208.91	1/2	3,472.14	1/2	3,730.15	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,687.95	3/4	2,951.17	3/4	3,214.40	3/4	3,477.63	3/4	3,734.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,693.43	3	2,956.65	3	3,219.88	3	3,483.11	3	3,738.14	3	3	3	3	3	3	3	3	3	3
1/4	2,698.92	1/4	2,962.14	1/4	3,225.36	1/4	3,488.60	1/4	3,742.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,704.40	1/2	2,967.62	1/2	3,230.85	1/2	3,494.08	1/2	3,746.13	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,709.89	3/4	2,973.11	3/4	3,236.33	3/4	3,499.57	3/4	3,750.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,715.37	4	2,978.59	4	3,241.81	4	3,505.05	4	3,754.11	4	4	4	4	4	4	4	4	4	4
1/4	2,720.85	1/4	2,984.07	1/4	3,247.30	1/4	3,510.54	1/4	3,758.10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,726.34	1/2	2,989.56	1/2	3,252.78	1/2	3,516.02	1/2	3,762.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,731.82	3/4	2,995.04	3/4	3,258.27	3/4	3,521.51	3/4	3,766.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,737.30	5	3,000.52	5	3,263.75	5	3,526.99	5	3,770.07	5	5	5	5	5	5	5	5	5	5
1/4	2,742.79	1/4	3,006.01	1/4	3,269.23	1/4	3,532.47	1/4	3,774.06	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,748.27	1/2	3,011.49	1/2	3,274.72	1/2	3,537.96	1/2	3,778.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,753.76	3/4	3,016.98	3/4	3,280.20	3/4	3,543.44	3/4	3,782.04	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,759.24	6	3,022.46	6	3,285.68	6	3,548.92	6	3,786.03	6	6	6	6	6	6	6	6	6	6
1/4	2,764.72	1/4	3,027.94	1/4	3,291.17	1/4	3,554.41	1/4	3,790.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,770.21	1/2	3,033.43	1/2	3,296.65	1/2	3,559.89	1/2	3,794.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,775.69	3/4	3,038.91	3/4	3,302.14	3/4	3,565.38	3/4	3,798.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	2,781.17	7	3,044.39	7	3,307.62	7	3,570.86	7	3,801.99	7	7	7	7	7	7	7	7	7	7
1/4	2,786.66	1/4	3,049.88	1/4	3,313.10	1/4	3,576.35	1/4	3,805.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,792.14	1/2	3,055.36	1/2	3,318.59	1/2	3,581.83	1/2	3,809.97	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,797.63	3/4	3,060.85	3/4	3,324.07	3/4	3,587.32	3/4	3,813.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	2,803.11	8	3,066.33	8	3,329.55	8	3,592.80	8	3,817.95	8	8	8	8	8	8	8	8	8	8
1/4	2,808.59	1/4	3,071.81	1/4	3,335.04	1/4	3,598.29	1/4	3,821.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,814.08	1/2	3,077.30	1/2	3,340.52	1/2	3,603.77	1/2	3,825.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,819.56	3/4	3,082.78	3/4	3,346.01	3/4	3,609.26	3/4	3,829.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	2,825.04	9	3,088.26	9	3,351.49	9	3,614.74	9	3,833.91	9	9	9	9	9	9	9	9	9	9
1/4	2,830.53	1/4	3,093.75	1/4	3,356.97	1/4	3,620.23	1/4	3,837.90	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,836.01	1/2	3,099.23	1/2	3,362.46	1/2	3,625.71	1/2	3,841.89	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,841.50	3/4	3,104.72	3/4	3,367.94	3/4	3,631.20	3/4	3,845.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	2,846.98	10	3,110.20	10	3,373.42	10	3,636.68	10	3,849.87	10	10	10	10	10	10	10	10	10	10
1/4	2,852.46	1/4	3,115.68	1/4	3,378.91	1/4	3,642.17	1/4	3,853.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,857.95	1/2	3,121.17	1/2	3,384.39	1/2	3,647.65	1/2	3,857.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,863.43	3/4	3,126.65	3/4	3,389.88	3/4	3,653.14	3/4	3,861.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,868.91	11	3,132.13	11	3,395.36	11	3,658.62	11	3,865.83	11	11	11	11	11	11	11	11	11	11
1/4	2,874.40	1/4	3,137.62	1/4	3,400.84	1/4	3,664.11	1/4	3,869.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,879.88	1/2	3,143.10	1/2	3,406.33	1/2	3,669.59	1/2	3,873.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,885.37	3/4	3,148.59	3/4	3,411.81	3/4	3,675.08	3/4	3,877.80	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.

STRAPPED: 01/04/2006 ITS
DECK MEASUREMENTS: 02/02/2011 CL
REPRINTED: 02/03/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2011

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "WEB 249T"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	8.64	261.05	522.93	786.08	1,048.93	1,312.18	1,575.42	1,838.67	2,101.92	2,365.16
1/4	12.18	266.52 ^{1/4}	528.41	791.56	1,054.42	1,317.67	1,580.91	1,844.15	2,107.40	2,370.65
1/2	15.73	271.99 ^{1/2}	533.90	797.03	1,059.90	1,323.15	1,586.39	1,849.64	2,112.88	2,376.13
3/4	19.27	277.45 ^{3/4}	539.38	802.51	1,065.39	1,328.64	1,591.88	1,855.12	2,118.37	2,381.62
1	22.81	282.92	544.86	807.98	1,070.87	1,334.12	1,597.36	1,860.61	2,123.85	2,387.10
1/4	27.92	288.39 ^{1/4}	550.35	813.46	1,076.36	1,339.60	1,602.84	1,866.09	2,129.33	2,392.59
1/2	33.02	293.86 ^{1/2}	555.83	818.93	1,081.84	1,345.09	1,608.33	1,871.58	2,134.82	2,398.07
3/4	38.13	299.33 ^{3/4}	561.32	824.41	1,087.33	1,350.57	1,613.81	1,877.06	2,140.30	2,403.56
2	43.23	304.80	566.80	829.88	1,092.81	1,356.05	1,619.30	1,882.55	2,145.79	2,409.04
1/4	48.56	310.27 ^{1/4}	572.29	835.36	1,098.29	1,361.54	1,624.78	1,888.03	2,151.27	2,414.53
1/2	53.90	315.74 ^{1/2}	577.77	840.83	1,103.78	1,367.02	1,630.27	1,893.51	2,156.76	2,420.01
3/4	59.23	321.20 ^{3/4}	583.26	846.31	1,109.26	1,372.51	1,635.75	1,899.00	2,162.24	2,425.50
3	64.56	326.67	588.74	851.78	1,114.74	1,377.99	1,641.24	1,904.48	2,167.73	2,430.98
1/4	69.96	332.14 ^{1/4}	594.23	857.26	1,120.23	1,383.48	1,646.72	1,909.96	2,173.21	2,436.46
1/2	75.35	337.61 ^{1/2}	599.71	862.73	1,125.71	1,388.96	1,652.20	1,915.45	2,178.70	2,441.95
3/4	80.75	343.08 ^{3/4}	605.20	868.21	1,131.20	1,394.45	1,657.69	1,920.93	2,184.18	2,447.43
4	86.14	348.55	610.68	873.68	1,136.68	1,399.93	1,663.17	1,926.42	2,189.67	2,452.91
1/4	91.60	353.99 ^{1/4}	616.16	879.16	1,142.17	1,405.41	1,668.65	1,931.90	2,195.15	2,458.40
1/2	97.06	359.43 ^{1/2}	621.65	884.63	1,147.65	1,410.90	1,674.14	1,937.39	2,200.63	2,463.88
3/4	102.52	364.87 ^{3/4}	627.13	890.11	1,153.14	1,416.38	1,679.62	1,942.87	2,206.12	2,469.37
5	107.98	370.31	632.61	895.58	1,158.62	1,421.86	1,685.11	1,948.36	2,211.60	2,474.85
1/4	113.44	375.74 ^{1/4}	638.10	901.06	1,164.10	1,427.35	1,690.59	1,953.84	2,217.08	2,480.34
1/2	118.90	381.18 ^{1/2}	643.58	906.53	1,169.59	1,432.83	1,696.08	1,959.32	2,222.57	2,485.82
3/4	124.36	386.61 ^{3/4}	649.07	912.01	1,175.07	1,438.32	1,701.56	1,964.81	2,228.05	2,491.31
6	129.82	392.04	654.55	917.48	1,180.55	1,443.80	1,707.05	1,970.29	2,233.54	2,496.79
1/4	135.28	397.47 ^{1/4}	660.04	922.96	1,186.04	1,449.29	1,712.53	1,975.77	2,239.02	2,502.27
1/2	140.74	402.91 ^{1/2}	665.52	928.43	1,191.52	1,454.77	1,718.01	1,981.26	2,244.51	2,507.76
3/4	146.20	408.34 ^{3/4}	671.01	933.91	1,197.01	1,460.26	1,723.50	1,986.74	2,249.99	2,513.24
7	151.66	413.77	676.49	939.38	1,202.49	1,465.74	1,728.98	1,992.23	2,255.48	2,518.72
1/4	157.13	419.20 ^{1/4}	681.97	944.86	1,207.98	1,471.23	1,734.46	1,997.71	2,260.96	2,524.21
1/2	162.59	424.63 ^{1/2}	687.46	950.33	1,213.46	1,476.71	1,739.95	2,003.20	2,266.44	2,529.69
3/4	168.06	430.06 ^{3/4}	692.94	955.81	1,218.95	1,482.20	1,745.43	2,008.68	2,271.93	2,535.18
8	173.52	435.49	698.42	961.28	1,224.43	1,487.68	1,750.92	2,014.17	2,277.41	2,540.66
1/4	178.99	440.92 ^{1/4}	703.90	966.76	1,229.92	1,493.16	1,756.40	2,019.65	2,282.90	2,546.15
1/2	184.47	446.36 ^{1/2}	709.38	972.23	1,235.40	1,498.65	1,761.89	2,025.14	2,288.38	2,551.63
3/4	189.94	451.79 ^{3/4}	714.86	977.71	1,240.89	1,504.13	1,767.37	2,030.62	2,293.87	2,557.12
9	195.41	457.22	720.34	983.18	1,246.37	1,509.61	1,772.86	2,036.11	2,299.35	2,562.60
1/4	200.88	462.68 ^{1/4}	725.82	988.66	1,251.85	1,515.10	1,778.34	2,041.59	2,304.84	2,568.09
1/2	206.35	468.14 ^{1/2}	731.31	994.13	1,257.34	1,520.58	1,783.83	2,047.07	2,310.32	2,573.57
3/4	211.82	473.59 ^{3/4}	736.79	999.61	1,262.82	1,526.07	1,789.31	2,052.56	2,315.81	2,579.06
10	217.29	479.05	742.27	1,005.08	1,268.30	1,531.55	1,794.80	2,058.04	2,321.29	2,584.54
1/4	222.76	484.54 ^{1/4}	747.75	1,010.56	1,273.79	1,537.04	1,800.28	2,063.52	2,326.78	2,590.02
1/2	228.23	490.02 ^{1/2}	753.23	1,016.04	1,279.27	1,542.52	1,805.76	2,069.01	2,332.26	2,595.51
3/4	233.70	495.51 ^{3/4}	758.70	1,021.51	1,284.76	1,548.01	1,811.25	2,074.49	2,337.75	2,600.99
11	239.17	500.99	764.18	1,026.99	1,290.24	1,553.49	1,816.73	2,079.98	2,343.23	2,606.47
1/4	244.64	506.48 ^{1/4}	769.66	1,032.48	1,295.73	1,558.97	1,822.21	2,085.46	2,348.71	2,611.96
1/2	250.11	511.96 ^{1/2}	775.13	1,037.96	1,301.21	1,564.46	1,827.70	2,090.95	2,354.20	2,617.44
3/4	255.58	517.45 ^{3/4}	780.61	1,043.45	1,306.70	1,569.94	1,833.18	2,096.43	2,359.68	2,622.93

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-00" 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 249T"

**3 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,628.41	0	2,891.66	0	3,164.90	0	3,418.15	0	3,681.44	0		0		0		0		0	
1/4	2,633.90	1/4	2,897.14	1/4	3,160.39	1/4	3,423.64	1/4	3,686.93	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,639.38	1/2	2,902.63	1/2	3,165.87	1/2	3,429.12	1/2	3,692.41	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,644.87	3/4	2,908.11	3/4	3,171.36	3/4	3,434.61	3/4	3,697.90	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,650.35	1	2,913.59	1	3,176.84	1	3,440.09	1	3,703.38	1	1	1	1	1	1	1	1	1	1
1/4	2,655.83	1/4	2,919.08	1/4	3,182.33	1/4	3,445.58	1/4	3,708.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,661.32	1/2	2,924.56	1/2	3,187.81	1/2	3,451.06	1/2	3,713.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,666.80	3/4	2,930.05	3/4	3,193.30	3/4	3,456.55	3/4	3,718.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,672.28	2	2,935.53	2	3,198.78	2	3,462.03	2	3,723.03	2	2	2	2	2	2	2	2	2	2
1/4	2,677.77	1/4	2,941.02	1/4	3,204.26	1/4	3,467.52	1/4	3,727.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,683.25	1/2	2,946.50	1/2	3,209.75	1/2	3,473.00	1/2	3,731.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,688.74	3/4	2,951.99	3/4	3,215.23	3/4	3,478.49	3/4	3,735.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,694.22	3	2,957.47	3	3,220.71	3	3,483.97	3	3,739.03	3	3	3	3	3	3	3	3	3	3
1/4	2,699.71	1/4	2,962.96	1/4	3,226.20	1/4	3,489.46	1/4	3,742.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,705.19	1/2	2,968.44	1/2	3,231.68	1/2	3,494.94	1/2	3,745.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,710.68	3/4	2,973.93	3/4	3,237.17	3/4	3,500.43	3/4	3,748.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,716.16	4	2,979.41	4	3,242.65	4	3,505.91	4	3,751.37	4	4	4	4	4	4	4	4	4	4
1/4	2,721.65	1/4	2,984.89	1/4	3,248.14	1/4	3,511.40	1/4	3,753.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,727.13	1/2	2,990.38	1/2	3,253.62	1/2	3,516.88	1/2	3,755.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,732.62	3/4	2,995.86	3/4	3,259.11	3/4	3,522.37	3/4	3,757.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,738.10	5	3,001.34	5	3,264.59	5	3,527.85	5	3,760.05	5	5	5	5	5	5	5	5	5	5
1/4	2,743.58	1/4	3,006.83	1/4	3,270.08	1/4	3,533.34	1/4	3,761.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,749.07	1/2	3,012.31	1/2	3,275.56	1/2	3,538.82	1/2	3,762.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,754.55	3/4	3,017.80	3/4	3,281.05	3/4	3,544.31	3/4	3,763.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,760.03	6	3,023.28	6	3,286.53	6	3,549.79	6	3,765.08	6	6	6	6	6	6	6	6	6	6
1/4	2,765.52	1/4	3,028.77	1/4	3,292.01	1/4	3,555.28	1/4	3,765.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,771.00	1/2	3,034.25	1/2	3,297.50	1/2	3,560.76	1/2	3,765.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,776.49	3/4	3,039.74	3/4	3,302.98	3/4	3,566.25	3/4	3,766.45	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	2,781.97	7	3,045.22	7	3,308.46	7	3,571.73	7		7	7	7	7	7	7	7	7	7	7
1/4	2,787.46	1/4	3,050.70	1/4	3,313.95	1/4	3,577.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,792.94	1/2	3,056.19	1/2	3,319.43	1/2	3,582.70	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,798.43	3/4	3,061.67	3/4	3,324.92	3/4	3,588.19	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	2,803.91	8	3,067.15	8	3,330.40	8	3,593.67	8		8	8	8	8	8	8	8	8	8	8
1/4	2,809.39	1/4	3,072.64	1/4	3,335.89	1/4	3,599.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,814.88	1/2	3,078.12	1/2	3,341.37	1/2	3,604.65	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,820.36	3/4	3,083.61	3/4	3,346.86	3/4	3,610.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	2,825.84	9	3,089.09	9	3,352.34	9	3,615.62	9		9	9	9	9	9	9	9	9	9	9
1/4	2,831.33	1/4	3,094.58	1/4	3,357.82	1/4	3,621.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,836.81	1/2	3,100.06	1/2	3,363.31	1/2	3,626.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,842.30	3/4	3,105.55	3/4	3,368.79	3/4	3,632.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	2,847.78	10	3,111.03	10	3,374.27	10	3,637.56	10		10	10	10	10	10	10	10	10	10	10
1/4	2,853.27	1/4	3,116.52	1/4	3,379.76	1/4	3,643.05	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,858.75	1/2	3,122.00	1/2	3,385.24	1/2	3,648.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,864.24	3/4	3,127.49	3/4	3,390.73	3/4	3,654.02	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,869.72	11	3,132.97	11	3,396.21	11	3,659.50	11		11	11	11	11	11	11	11	11	11	11
1/4	2,875.21	1/4	3,138.45	1/4	3,401.70	1/4	3,664.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,880.69	1/2	3,143.94	1/2	3,407.18	1/2	3,670.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,886.18	3/4	3,149.42	3/4	3,412.67	3/4	3,675.96	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.

STRAPPED: 01/04/2006 ITS
DECK MEASUREMENTS: 02/02/2011 CL
REPRINTED: 02/03/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2011

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



BARGE "WEB 249T"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 3/4"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	1.26	456.83	980.59	1,506.39	2,031.54	2,557.17	3,082.24	3,608.02	4,133.14	4,657.86
1/4	3.08	467.76 ^{1/4}	991.55	1,517.33	2,042.50	2,568.08	3,093.20	3,618.96	4,144.08	4,668.79
1/2	4.91	478.70 ^{1/2}	1,002.51	1,528.27	2,053.46	2,579.00	3,104.16	3,629.90	4,155.02	4,679.72
3/4	6.73	489.63 ^{3/4}	1,013.46	1,539.20	2,064.42	2,589.91	3,115.11	3,640.84	4,165.96	4,690.66
1	8.55	500.56	1,024.42	1,550.14	2,075.38	2,600.82	3,126.07	3,651.78	4,176.90	4,701.59
1/4	13.96	511.49 ^{1/4}	1,035.38	1,561.08	2,086.34	2,611.73	3,137.03	3,662.72	4,187.84	4,712.50
1/2	19.36	522.42 ^{1/2}	1,046.34	1,572.02	2,097.30	2,622.64	3,147.99	3,673.66	4,198.78	4,723.41
3/4	24.77	533.35 ^{3/4}	1,057.30	1,582.96	2,108.25	2,633.55	3,158.94	3,684.60	4,209.71	4,734.33
2	30.17	544.28	1,068.26	1,593.90	2,119.21	2,644.46	3,169.90	3,695.54	4,220.65	4,745.24
1/4	39.02	555.24 ^{1/4}	1,079.22	1,604.84	2,130.17	2,655.38	3,180.86	3,706.48	4,231.59	4,756.15
1/2	47.88	566.20 ^{1/2}	1,090.18	1,615.79	2,141.13	2,666.30	3,191.82	3,717.42	4,242.53	4,767.06
3/4	56.73	577.15 ^{3/4}	1,101.13	1,626.73	2,152.08	2,677.21	3,202.77	3,728.36	4,253.47	4,777.98
3	65.58	588.11	1,112.09	1,637.67	2,163.04	2,688.13	3,213.73	3,739.30	4,264.41	4,788.89
1/4	76.26	599.07 ^{1/4}	1,123.05	1,648.61	2,174.00	2,699.06	3,224.69	3,750.24	4,275.35	4,799.80
1/2	86.94	610.03 ^{1/2}	1,134.00	1,659.55	2,184.96	2,709.99	3,235.65	3,761.18	4,286.29	4,810.71
3/4	97.62	620.99 ^{3/4}	1,144.96	1,670.49	2,195.92	2,720.92	3,246.60	3,772.12	4,297.23	4,821.63
4	108.30	631.95	1,155.91	1,681.43	2,206.88	2,731.85	3,257.56	3,783.06	4,308.17	4,832.54
1/4	118.98	642.91 ^{1/4}	1,166.86	1,692.37	2,217.84	2,742.80	3,268.52	3,794.00	4,319.11	4,843.45
1/2	129.66	653.87 ^{1/2}	1,177.82	1,703.31	2,228.80	2,753.74	3,279.48	3,804.94	4,330.05	4,854.36
3/4	140.33	664.82 ^{3/4}	1,188.77	1,714.25	2,239.75	2,764.69	3,290.43	3,815.88	4,340.99	4,865.28
5	151.01	675.78	1,199.72	1,725.19	2,250.71	2,775.63	3,301.39	3,826.82	4,351.93	4,876.19
1/4	161.93	686.72 ^{1/4}	1,210.68	1,736.13	2,261.67	2,786.58	3,312.35	3,837.76	4,362.85	4,887.10
1/2	172.84	697.65 ^{1/2}	1,221.63	1,747.07	2,272.63	2,797.52	3,323.31	3,848.70	4,373.76	4,898.01
3/4	183.76	708.59 ^{3/4}	1,232.59	1,758.01	2,283.58	2,808.47	3,334.26	3,859.64	4,384.68	4,908.93
6	194.67	719.52	1,243.54	1,768.95	2,294.54	2,819.41	3,345.22	3,870.58	4,395.60	4,919.84
1/4	205.59	730.38 ^{1/4}	1,254.50	1,779.89	2,305.50	2,830.36	3,356.18	3,881.52	4,406.52	4,930.75
1/2	216.50	741.25 ^{1/2}	1,265.45	1,790.83	2,316.46	2,841.31	3,367.13	3,892.46	4,417.43	4,941.67
3/4	227.42	752.11 ^{3/4}	1,276.41	1,801.77	2,327.42	2,852.26	3,378.09	3,903.40	4,428.35	4,952.58
7	238.33	762.97	1,287.36	1,812.71	2,338.38	2,863.21	3,389.04	3,914.34	4,439.27	4,963.49
1/4	249.24	773.83 ^{1/4}	1,298.31	1,823.65	2,349.34	2,874.16	3,400.00	3,925.28	4,450.18	4,974.40
1/2	260.16	784.69 ^{1/2}	1,309.27	1,834.60	2,360.30	2,885.11	3,410.96	3,936.22	4,461.10	4,985.32
3/4	271.07	795.55 ^{3/4}	1,320.22	1,845.54	2,371.25	2,896.06	3,421.91	3,947.16	4,472.01	4,996.23
8	281.98	806.41	1,331.17	1,856.48	2,382.21	2,907.01	3,432.87	3,958.10	4,482.93	5,007.14
1/4	292.90	817.27 ^{1/4}	1,342.12	1,867.42	2,393.17	2,917.96	3,443.83	3,969.04	4,493.85	5,018.05
1/2	303.81	828.14 ^{1/2}	1,353.07	1,878.37	2,404.13	2,928.91	3,454.78	3,979.98	4,504.76	5,028.97
3/4	314.73	839.00 ^{3/4}	1,364.02	1,889.31	2,415.08	2,939.86	3,465.74	3,990.92	4,515.68	5,039.88
9	325.64	849.86	1,374.97	1,900.25	2,426.04	2,950.81	3,476.69	4,001.86	4,526.60	5,050.79
1/4	336.58	860.72 ^{1/4}	1,385.92	1,911.19	2,436.98	2,961.76	3,487.64	4,012.80	4,537.52	5,061.70
1/2	347.51	871.58 ^{1/2}	1,396.87	1,922.13	2,447.92	2,972.72	3,498.60	4,023.74	4,548.43	5,072.62
3/4	358.45	882.45 ^{3/4}	1,407.82	1,933.07	2,458.86	2,983.67	3,509.55	4,034.68	4,559.35	5,083.53
10	369.38	893.31	1,418.77	1,944.01	2,469.80	2,994.62	3,520.50	4,045.62	4,570.27	5,094.44
1/4	380.31	904.17 ^{1/4}	1,429.72	1,954.95	2,480.73	3,005.57	3,531.44	4,056.56	4,581.22	5,105.35
1/2	391.25	915.03 ^{1/2}	1,440.68	1,965.90	2,491.65	3,016.53	3,542.38	4,067.50	4,592.17	5,116.27
3/4	402.18	925.89 ^{3/4}	1,451.63	1,976.84	2,502.58	3,027.48	3,553.32	4,078.44	4,603.12	5,127.18
11	413.11	936.75	1,462.58	1,987.78	2,513.50	3,038.43	3,564.26	4,089.38	4,614.07	5,138.09
1/4	424.04	947.71 ^{1/4}	1,473.53	1,998.72	2,524.42	3,049.38	3,575.20	4,100.32	4,625.02	5,149.00
1/2	434.97	958.67 ^{1/2}	1,484.49	2,009.66	2,535.34	3,060.34	3,586.14	4,111.26	4,635.96	5,159.92
3/4	445.90	969.63 ^{3/4}	1,495.44	2,020.60	2,546.25	3,071.29	3,597.08	4,122.20	4,646.91	5,170.83

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 01'-00" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "WEB 249T"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	5,181.74	0	5,704.24	0	5,990.90	0	6,277.29	0	6,563.05	0		0		0		0		0	
1/4	5,192.65	1/4	5,710.16	1/4	5,996.88	1/4	6,283.25	1/4	6,568.51	1/4		1/4		1/4		1/4		1/4	
1/2	5,203.57	1/2	5,716.07	1/2	6,002.86	1/2	6,289.20	1/2	6,573.96	1/2		1/2		1/2		1/2		1/2	
3/4	5,214.48	3/4	5,721.99	3/4	6,008.83	3/4	6,295.16	3/4	6,579.42	3/4		3/4		3/4		3/4		3/4	
1	5,225.39	1	5,727.90	1	6,014.81	1	6,301.11	1	6,584.87	1		1		1		1		1	
1/4	5,236.30	1/4	5,733.88	1/4	6,020.79	1/4	6,307.06	1/4	6,589.53	1/4		1/4		1/4		1/4		1/4	
1/2	5,247.22	1/2	5,739.86	1/2	6,026.77	1/2	6,313.02	1/2	6,594.19	1/2		1/2		1/2		1/2		1/2	
3/4	5,258.13	3/4	5,745.83	3/4	6,032.74	3/4	6,318.97	3/4	6,598.84	3/4		3/4		3/4		3/4		3/4	
2	5,269.04	2	5,751.81	2	6,038.72	2	6,324.92	2	6,603.50	2		2		2		2		2	
1/4	5,279.95	1/4	5,757.79	1/4	6,044.70	1/4	6,330.87	1/4	6,607.34	1/4		1/4		1/4		1/4		1/4	
1/2	5,290.87	1/2	5,763.77	1/2	6,050.68	1/2	6,336.83	1/2	6,611.18	1/2		1/2		1/2		1/2		1/2	
3/4	5,301.78	3/4	5,769.74	3/4	6,056.65	3/4	6,342.78	3/4	6,615.01	3/4		3/4		3/4		3/4		3/4	
3	5,312.69	3	5,775.72	3	6,062.63	3	6,348.73	3	6,618.85	3		3		3		3		3	
1/4	5,323.60	1/4	5,781.70	1/4	6,068.61	1/4	6,354.68	1/4	6,621.87	1/4		1/4		1/4		1/4		1/4	
1/2	5,334.52	1/2	5,787.68	1/2	6,074.59	1/2	6,360.64	1/2	6,624.88	1/2		1/2		1/2		1/2		1/2	
3/4	5,345.43	3/4	5,793.65	3/4	6,080.56	3/4	6,366.59	3/4	6,627.90	3/4		3/4		3/4		3/4		3/4	
4	5,356.34	4	5,799.63	4	6,086.54	4	6,372.54	4	6,630.91	4		4		4		4		4	
1/4	5,367.25	1/4	5,805.61	1/4	6,092.52	1/4	6,378.50	1/4	6,633.13	1/4		1/4		1/4		1/4		1/4	
1/2	5,378.17	1/2	5,811.58	1/2	6,098.50	1/2	6,384.45	1/2	6,635.35	1/2		1/2		1/2		1/2		1/2	
3/4	5,389.08	3/4	5,817.56	3/4	6,104.47	3/4	6,390.41	3/4	6,637.57	3/4		3/4		3/4		3/4		3/4	
5	5,399.99	5	5,823.53	5	6,110.45	5	6,396.36	5	6,639.79	5		5		5		5		5	
1/4	5,410.90	1/4	5,829.51	1/4	6,116.42	1/4	6,402.31	1/4	6,641.21	1/4		1/4		1/4		1/4		1/4	
1/2	5,421.82	1/2	5,835.49	1/2	6,122.40	1/2	6,408.27	1/2	6,642.64	1/2		1/2		1/2		1/2		1/2	
3/4	5,432.73	3/4	5,841.46	3/4	6,128.37	3/4	6,414.22	3/4	6,644.06	3/4		3/4		3/4		3/4		3/4	
6	5,443.64	6	5,847.44	6	6,134.34	6	6,420.17	6	6,645.48	6		6		6		6		6	
1/4	5,454.55	1/4	5,853.42	1/4	6,140.31	1/4	6,426.12	1/4	6,646.11	1/4		1/4		1/4		1/4		1/4	
1/2	5,465.47	1/2	5,859.40	1/2	6,146.29	1/2	6,432.08	1/2	6,646.73	1/2		1/2		1/2		1/2		1/2	
3/4	5,476.38	3/4	5,865.37	3/4	6,152.26	3/4	6,438.03	3/4	6,647.36	3/4		3/4		3/4		3/4		3/4	
7	5,487.29	7	5,871.35	7	6,158.23	7	6,443.98	7	6,647.98	7		7		7		7		7	
1/4	5,498.17	1/4	5,877.33	1/4	6,164.18	1/4	6,449.94	1/4	6,648.11	1/4		1/4		1/4		1/4		1/4	
1/2	5,509.05	1/2	5,883.31	1/2	6,170.14	1/2	6,455.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,519.92	3/4	5,889.28	3/4	6,176.09	3/4	6,461.85	3/4		3/4		3/4		3/4		3/4		3/4	
8	5,530.80	8	5,895.26	8	6,182.04	8	6,467.80	8		8		8		8		8		8	
1/4	5,541.64	1/4	5,901.24	1/4	6,187.99	1/4	6,473.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,552.48	1/2	5,907.22	1/2	6,193.95	1/2	6,479.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,563.32	3/4	5,913.19	3/4	6,199.90	3/4	6,485.66	3/4		3/4		3/4		3/4		3/4		3/4	
9	5,574.16	9	5,919.17	9	6,205.85	9	6,491.61	9		9		9		9		9		9	
1/4	5,585.00	1/4	5,925.15	1/4	6,211.81	1/4	6,497.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,595.84	1/2	5,931.13	1/2	6,217.76	1/2	6,503.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,606.68	3/4	5,937.10	3/4	6,223.72	3/4	6,509.47	3/4		3/4		3/4		3/4		3/4		3/4	
10	5,617.52	10	5,943.08	10	6,229.67	10	6,515.42	10		10		10		10		10		10	
1/4	5,628.36	1/4	5,949.06	1/4	6,235.62	1/4	6,521.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,639.20	1/2	5,955.04	1/2	6,241.58	1/2	6,527.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,650.04	3/4	5,961.01	3/4	6,247.53	3/4	6,533.28	3/4		3/4		3/4		3/4		3/4		3/4	
11	5,660.88	11	5,966.99	11	6,253.48	11	6,539.23	11		11		11		11		11		11	
1/4	5,671.72	1/4	5,972.97	1/4	6,259.43	1/4	6,545.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,682.56	1/2	5,978.95	1/2	6,265.39	1/2	6,551.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,693.40	3/4	5,984.92	3/4	6,271.34	3/4	6,557.10	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 01/04/2006 ITS
DECK MEASUREMENTS: 02/02/2011 CL
REPRINTED: 02/03/2011 SW

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