



BARGE "WEB 223"

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	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
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	- 00-7/8	00-7/8	- 01-3/4	01-3/4	- 02-1/2	02-1/2	- 03-3/8	03-3/8	- 04-1/4	04-1/4	- 05-1/8	05-1/8

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

LENGTH BETWEEN DRAFT MARKS: 234'-00"

June 19, 2009

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 223"

1 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-01 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	0.42	0	363.80	0	857.07	0	1,382.68	0	1,908.12	0	2,433.77	0	2,959.43	0	3,485.09	0	4,010.75	0	4,536.40
1/4	1.80	1/4	373.29	1/4	868.02	1/4	1,393.63	1/4	1,919.07	1/4	2,444.72	1/4	2,970.38	1/4	3,496.04	1/4	4,021.70	1/4	4,547.35
1/2	3.17	1/2	382.78	1/2	878.98	1/2	1,404.57	1/2	1,930.02	1/2	2,455.68	1/2	2,981.33	1/2	3,506.99	1/2	4,032.65	1/2	4,558.30
3/4	4.55	3/4	392.26	3/4	889.93	3/4	1,415.52	3/4	1,940.97	3/4	2,466.63	3/4	2,992.29	3/4	3,517.94	3/4	4,043.60	3/4	4,569.26
1	5.92	1	401.75	1	900.88	1	1,426.46	1	1,951.92	1	2,477.58	1	3,003.24	1	3,528.89	1	4,054.55	1	4,580.21
1/4	9.98	1/4	411.37	1/4	911.83	1/4	1,437.41	1/4	1,962.87	1/4	2,488.53	1/4	3,014.19	1/4	3,539.84	1/4	4,065.50	1/4	4,591.16
1/2	14.04	1/2	420.99	1/2	922.78	1/2	1,448.36	1/2	1,973.82	1/2	2,499.48	1/2	3,025.14	1/2	3,550.79	1/2	4,076.45	1/2	4,602.11
3/4	18.09	3/4	430.60	3/4	933.73	3/4	1,459.30	3/4	1,984.77	3/4	2,510.43	3/4	3,036.09	3/4	3,561.75	3/4	4,087.41	3/4	4,613.06
2	22.15	2	440.22	2	944.68	2	1,470.25	2	1,995.72	2	2,521.38	2	3,047.04	2	3,572.70	2	4,098.36	2	4,624.01
1/4	28.74	1/4	450.00	1/4	955.63	1/4	1,481.20	1/4	2,006.67	1/4	2,532.33	1/4	3,057.99	1/4	3,583.65	1/4	4,109.31	1/4	4,634.96
1/2	35.33	1/2	459.79	1/2	966.59	1/2	1,492.15	1/2	2,017.63	1/2	2,543.28	1/2	3,068.94	1/2	3,594.60	1/2	4,120.26	1/2	4,645.91
3/4	41.91	3/4	469.57	3/4	977.54	3/4	1,503.09	3/4	2,028.58	3/4	2,554.24	3/4	3,079.89	3/4	3,605.55	3/4	4,131.21	3/4	4,656.87
3	48.50	3	479.35	3	988.49	3	1,514.04	3	2,039.53	3	2,565.19	3	3,090.84	3	3,616.50	3	4,142.16	3	4,667.82
1/4	56.52	1/4	489.26	1/4	999.44	1/4	1,524.99	1/4	2,050.48	1/4	2,576.14	1/4	3,101.79	1/4	3,627.45	1/4	4,153.11	1/4	4,678.77
1/2	64.54	1/2	499.18	1/2	1,010.39	1/2	1,535.93	1/2	2,061.43	1/2	2,587.09	1/2	3,112.74	1/2	3,638.40	1/2	4,164.06	1/2	4,689.72
3/4	72.56	3/4	509.09	3/4	1,021.34	3/4	1,546.88	3/4	2,072.38	3/4	2,598.04	3/4	3,123.70	3/4	3,649.36	3/4	4,175.01	3/4	4,700.67
4	80.58	4	519.00	4	1,032.29	4	1,557.82	4	2,083.33	4	2,608.99	4	3,134.65	4	3,660.31	4	4,185.96	4	4,711.62
1/4	88.70	1/4	529.05	1/4	1,043.24	1/4	1,568.77	1/4	2,094.28	1/4	2,619.94	1/4	3,145.60	1/4	3,671.26	1/4	4,196.91	1/4	4,722.57
1/2	96.82	1/2	539.09	1/2	1,054.20	1/2	1,579.72	1/2	2,105.24	1/2	2,630.89	1/2	3,156.55	1/2	3,682.21	1/2	4,207.86	1/2	4,733.52
3/4	104.94	3/4	549.14	3/4	1,065.15	3/4	1,590.66	3/4	2,116.19	3/4	2,641.85	3/4	3,167.50	3/4	3,693.16	3/4	4,218.82	3/4	4,744.48
5	113.06	5	559.18	5	1,076.10	5	1,601.61	5	2,127.14	5	2,652.80	5	3,178.45	5	3,704.11	5	4,229.77	5	4,755.43
1/4	121.61	1/4	569.34	1/4	1,087.05	1/4	1,612.56	1/4	2,138.09	1/4	2,663.75	1/4	3,189.40	1/4	3,715.06	1/4	4,240.72	1/4	4,766.38
1/2	130.16	1/2	579.49	1/2	1,098.00	1/2	1,623.51	1/2	2,149.04	1/2	2,674.70	1/2	3,200.35	1/2	3,726.01	1/2	4,251.67	1/2	4,777.33
3/4	138.71	3/4	589.65	3/4	1,108.95	3/4	1,634.45	3/4	2,159.99	3/4	2,685.65	3/4	3,211.31	3/4	3,736.97	3/4	4,262.62	3/4	4,788.28
6	147.26	6	599.80	6	1,119.90	6	1,645.40	6	2,170.94	6	2,696.60	6	3,222.26	6	3,747.92	6	4,273.57	6	4,799.23
1/4	155.94	1/4	610.03	1/4	1,130.85	1/4	1,656.35	1/4	2,181.89	1/4	2,707.55	1/4	3,233.21	1/4	3,758.87	1/4	4,284.52	1/4	4,810.18
1/2	164.62	1/2	620.27	1/2	1,141.81	1/2	1,667.29	1/2	2,192.85	1/2	2,718.50	1/2	3,244.16	1/2	3,769.82	1/2	4,295.47	1/2	4,821.13
3/4	173.30	3/4	630.50	3/4	1,152.76	3/4	1,678.24	3/4	2,203.80	3/4	2,729.46	3/4	3,255.11	3/4	3,780.77	3/4	4,306.43	3/4	4,832.09
7	181.98	7	640.73	7	1,163.71	7	1,689.18	7	2,214.75	7	2,740.41	7	3,266.06	7	3,791.72	7	4,317.38	7	4,843.04
1/4	190.79	1/4	651.33	1/4	1,174.66	1/4	1,700.13	1/4	2,225.70	1/4	2,751.36	1/4	3,277.01	1/4	3,802.67	1/4	4,328.33	1/4	4,853.99
1/2	199.61	1/2	661.93	1/2	1,185.61	1/2	1,711.08	1/2	2,236.65	1/2	2,762.31	1/2	3,287.96	1/2	3,813.62	1/2	4,339.28	1/2	4,864.94
3/4	208.42	3/4	672.52	3/4	1,196.56	3/4	1,722.02	3/4	2,247.60	3/4	2,773.26	3/4	3,298.92	3/4	3,824.58	3/4	4,350.23	3/4	4,875.89
8	217.23	8	683.12	8	1,207.51	8	1,732.97	8	2,258.55	8	2,784.21	8	3,309.87	8	3,835.53	8	4,361.18	8	4,886.84
1/4	226.17	1/4	693.97	1/4	1,218.46	1/4	1,743.92	1/4	2,269.50	1/4	2,795.16	1/4	3,320.82	1/4	3,846.48	1/4	4,372.13	1/4	4,897.79
1/2	235.11	1/2	704.81	1/2	1,229.40	1/2	1,754.87	1/2	2,280.46	1/2	2,806.11	1/2	3,331.77	1/2	3,857.43	1/2	4,383.08	1/2	4,908.74
3/4	244.04	3/4	715.66	3/4	1,240.35	3/4	1,765.81	3/4	2,291.41	3/4	2,817.07	3/4	3,342.72	3/4	3,868.38	3/4	4,394.04	3/4	4,919.70
9	252.98	9	726.50	9	1,251.29	9	1,776.76	9	2,302.36	9	2,828.02	9	3,353.67	9	3,879.33	9	4,404.99	9	4,930.65
1/4	262.08	1/4	737.35	1/4	1,262.24	1/4	1,787.71	1/4	2,313.31	1/4	2,838.97	1/4	3,364.62	1/4	3,890.28	1/4	4,415.94	1/4	4,941.60
1/2	271.18	1/2	748.20	1/2	1,273.18	1/2	1,798.65	1/2	2,324.26	1/2	2,849.92	1/2	3,375.57	1/2	3,901.23	1/2	4,426.89	1/2	4,952.55
3/4	280.27	3/4	759.04	3/4	1,284.13	3/4	1,809.60	3/4	2,335.21	3/4	2,860.87	3/4	3,386.53	3/4	3,912.19	3/4	4,437.84	3/4	4,963.50
10	289.37	10	769.89	10	1,295.07	10	1,820.54	10	2,346.16	10	2,871.82	10	3,397.48	10	3,923.14	10	4,448.79	10	4,974.45
1/4	298.60	1/4	780.74	1/4	1,306.02	1/4	1,831.49	1/4	2,357.11	1/4	2,882.77	1/4	3,408.43	1/4	3,934.09	1/4	4,459.74	1/4	4,985.40
1/2	307.83	1/2	791.58	1/2	1,316.98	1/2	1,842.44	1/2	2,368.07	1/2	2,893.72	1/2	3,419.38	1/2	3,945.04	1/2	4,470.69	1/2	4,996.35
3/4	317.05	3/4	802.43	3/4	1,327.93	3/4	1,853.38	3/4	2,379.02	3/4	2,904.68	3/4	3,430.33	3/4	3,955.99	3/4	4,481.65	3/4	5,007.31
11	326.28	11	813.27	11	1,338.88	11	1,864.33	11	2,389.97	11	2,915.63	11	3,441.28	11	3,966.94	11	4,492.60	11	5,018.26
1/4	335.66	1/4	824.22	1/4	1,349.83	1/4	1,875.28	1/4	2,400.92	1/4	2,926.58	1/4	3,452.23	1/4	3,977.89	1/4	4,503.55	1/4	5,029.21
1/2	345.04	1/2	835.17	1/2	1,360.78	1/2	1,886.23	1/2	2,411.87	1/2	2,937.53	1/2	3,463.18	1/2	3,988.84	1/2	4,514.50	1/2	5,040.16
3/4	354.42	3/4	846.12	3/4	1,371.73	3/4	1,897.17	3/4	2,422.82	3/4	2,948.48	3/4	3,474.14	3/4	3,999.80	3/4	4,525.45	3/4	5,051.11

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 01'-00" OFF CENTERLINE AND 37'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
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PMA



BARGE "WEB 223"

1 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-01 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	5,062.06	0	5,587.72	0	6,113.38	0	6,639.03	0	7,164.76	0		0		0		0		0	
1/4	5,073.01	1/4	5,598.67	1/4	6,124.33	1/4	6,649.98	1/4	7,175.72	1/4		1/4		1/4		1/4		1/4	
1/2	5,083.96	1/2	5,609.62	1/2	6,135.28	1/2	6,660.93	1/2	7,186.67	1/2		1/2		1/2		1/2		1/2	
3/4	5,094.92	3/4	5,620.57	3/4	6,146.23	3/4	6,671.89	3/4	7,197.63	3/4		3/4		3/4		3/4		3/4	
1	5,105.87	1	5,631.52	1	6,157.18	1	6,682.84	1	7,208.58	1		1		1		1		1	
1/4	5,116.82	1/4	5,642.47	1/4	6,168.13	1/4	6,693.79	1/4	7,219.53	1/4		1/4		1/4		1/4		1/4	
1/2	5,127.77	1/2	5,653.42	1/2	6,179.08	1/2	6,704.74	1/2	7,230.49	1/2		1/2		1/2		1/2		1/2	
3/4	5,138.72	3/4	5,664.38	3/4	6,190.04	3/4	6,715.69	3/4	7,241.44	3/4		3/4		3/4		3/4		3/4	
2	5,149.67	2	5,675.33	2	6,200.99	2	6,726.64	2	7,252.39	2		2		2		2		2	
1/4	5,160.62	1/4	5,686.28	1/4	6,211.94	1/4	6,737.59	1/4	7,263.34	1/4		1/4		1/4		1/4		1/4	
1/2	5,171.57	1/2	5,697.23	1/2	6,222.89	1/2	6,748.55	1/2	7,274.30	1/2		1/2		1/2		1/2		1/2	
3/4	5,182.53	3/4	5,708.18	3/4	6,233.84	3/4	6,759.50	3/4	7,285.25	3/4		3/4		3/4		3/4		3/4	
3	5,193.48	3	5,719.13	3	6,244.79	3	6,770.46	3	7,296.20	3		3		3		3		3	
1/4	5,204.43	1/4	5,730.08	1/4	6,255.74	1/4	6,781.41	1/4	7,307.15	1/4		1/4		1/4		1/4		1/4	
1/2	5,215.38	1/2	5,741.03	1/2	6,266.69	1/2	6,792.36	1/2	7,318.10	1/2		1/2		1/2		1/2		1/2	
3/4	5,226.33	3/4	5,751.99	3/4	6,277.65	3/4	6,803.32	3/4	7,329.05	3/4		3/4		3/4		3/4		3/4	
4	5,237.28	4	5,762.94	4	6,288.60	4	6,814.27	4	7,339.99	4		4		4		4		4	
1/4	5,248.23	1/4	5,773.89	1/4	6,299.55	1/4	6,825.22	1/4	7,350.94	1/4		1/4		1/4		1/4		1/4	
1/2	5,259.18	1/2	5,784.84	1/2	6,310.50	1/2	6,836.17	1/2	7,361.89	1/2		1/2		1/2		1/2		1/2	
3/4	5,270.13	3/4	5,795.79	3/4	6,321.45	3/4	6,847.13	3/4	7,372.84	3/4		3/4		3/4		3/4		3/4	
5	5,281.08	5	5,806.74	5	6,332.40	5	6,858.08	5	7,383.79	5		5		5		5		5	
1/4	5,292.03	1/4	5,817.69	1/4	6,343.35	1/4	6,869.03	1/4	7,394.74	1/4		1/4		1/4		1/4		1/4	
1/2	5,302.98	1/2	5,828.64	1/2	6,354.30	1/2	6,879.98	1/2	7,405.69	1/2		1/2		1/2		1/2		1/2	
3/4	5,313.94	3/4	5,839.60	3/4	6,365.25	3/4	6,890.94	3/4	7,416.64	3/4		3/4		3/4		3/4		3/4	
6	5,324.89	6	5,850.55	6	6,376.20	6	6,901.89	6	7,427.59	6		6		6		6		6	
1/4	5,335.84	1/4	5,861.50	1/4	6,387.15	1/4	6,912.84	1/4	7,438.54	1/4		1/4		1/4		1/4		1/4	
1/2	5,346.79	1/2	5,872.45	1/2	6,398.10	1/2	6,923.79	1/2	7,449.49	1/2		1/2		1/2		1/2		1/2	
3/4	5,357.74	3/4	5,883.40	3/4	6,409.06	3/4	6,934.75	3/4	7,460.44	3/4		3/4		3/4		3/4		3/4	
7	5,368.69	7	5,894.35	7	6,420.01	7	6,945.70	7	7,471.39	7		7		7		7		7	
1/4	5,379.64	1/4	5,905.30	1/4	6,430.96	1/4	6,956.65	1/4	7,482.34	1/4		1/4		1/4		1/4		1/4	
1/2	5,390.59	1/2	5,916.25	1/2	6,441.91	1/2	6,967.61	1/2	7,493.29	1/2		1/2		1/2		1/2		1/2	
3/4	5,401.55	3/4	5,927.21	3/4	6,452.86	3/4	6,978.56	3/4	7,504.24	3/4		3/4		3/4		3/4		3/4	
8	5,412.50	8	5,938.16	8	6,463.81	8	6,989.52	8	7,515.19	8		8		8		8		8	
1/4	5,423.45	1/4	5,949.11	1/4	6,474.76	1/4	7,000.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,434.40	1/2	5,960.06	1/2	6,485.71	1/2	7,011.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,445.35	3/4	5,971.01	3/4	6,496.67	3/4	7,022.38	3/4		3/4		3/4		3/4		3/4		3/4	
9	5,456.30	9	5,981.96	9	6,507.62	9	7,033.33	9		9		9		9		9		9	
1/4	5,467.25	1/4	5,992.91	1/4	6,518.57	1/4	7,044.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,478.20	1/2	6,003.86	1/2	6,529.52	1/2	7,055.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,489.16	3/4	6,014.82	3/4	6,540.47	3/4	7,066.19	3/4		3/4		3/4		3/4		3/4		3/4	
10	5,500.11	10	6,025.77	10	6,551.42	10	7,077.14	10		10		10		10		10		10	
1/4	5,511.06	1/4	6,036.72	1/4	6,562.37	1/4	7,088.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,522.01	1/2	6,047.67	1/2	6,573.32	1/2	7,099.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,532.96	3/4	6,058.62	3/4	6,584.28	3/4	7,110.00	3/4		3/4		3/4		3/4		3/4		3/4	
11	5,543.91	11	6,069.57	11	6,595.23	11	7,120.95	11		11		11		11		11		11	
1/4	5,554.86	1/4	6,080.52	1/4	6,606.18	1/4	7,131.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,565.81	1/2	6,091.47	1/2	6,617.13	1/2	7,142.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,576.77	3/4	6,102.43	3/4	6,628.08	3/4	7,153.81	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/1999 ITS
DECK MEASUREMENTS: 06/19/2009 SW
REPRINTED: 06/19/2009 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2009

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



BARGE "WEB 223"

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	8.61	0	260.02	0	520.87	0	783.02	0	1,045.05	0	1,307.27	0	1,569.48	0	1,831.70	0	2,093.92	0	2,356.14
1/4	12.14	1/4	265.47	1/4	526.33	1/4	788.48	1/4	1,050.51	1/4	1,312.73	1/4	1,574.95	1/4	1,837.17	1/4	2,099.38	1/4	2,361.60
1/2	15.67	1/2	270.92	1/2	531.80	1/2	793.94	1/2	1,055.98	1/2	1,318.20	1/2	1,580.41	1/2	1,842.63	1/2	2,104.85	1/2	2,367.07
3/4	19.19	3/4	276.36	3/4	537.26	3/4	799.40	3/4	1,061.44	3/4	1,323.66	3/4	1,585.88	3/4	1,848.10	3/4	2,110.31	3/4	2,372.53
1	22.72	1	281.81	1	542.72	1	804.86	1	1,066.90	1	1,329.12	1	1,591.34	1	1,853.56	1	2,115.77	1	2,377.99
1/4	27.80	1/4	287.26	1/4	548.18	1/4	810.32	1/4	1,072.36	1/4	1,334.58	1/4	1,596.80	1/4	1,859.02	1/4	2,121.24	1/4	2,383.46
1/2	32.89	1/2	292.71	1/2	553.65	1/2	815.78	1/2	1,077.83	1/2	1,340.05	1/2	1,602.27	1/2	1,864.49	1/2	2,126.70	1/2	2,388.92
3/4	37.97	3/4	298.15	3/4	559.11	3/4	821.23	3/4	1,083.29	3/4	1,345.51	3/4	1,607.73	3/4	1,869.95	3/4	2,132.17	3/4	2,394.39
2	43.05	2	303.60	2	564.57	2	826.69	2	1,088.75	2	1,350.97	2	1,613.19	2	1,875.41	2	2,137.63	2	2,399.85
1/4	48.36	1/4	309.05	1/4	570.03	1/4	832.15	1/4	1,094.21	1/4	1,356.43	1/4	1,618.65	1/4	1,880.87	1/4	2,143.09	1/4	2,405.31
1/2	53.68	1/2	314.50	1/2	575.50	1/2	837.61	1/2	1,099.68	1/2	1,361.90	1/2	1,624.12	1/2	1,886.34	1/2	2,148.56	1/2	2,410.78
3/4	58.99	3/4	319.94	3/4	580.96	3/4	843.06	3/4	1,105.14	3/4	1,367.36	3/4	1,629.58	3/4	1,891.80	3/4	2,154.02	3/4	2,416.24
3	64.30	3	325.39	3	586.42	3	848.52	3	1,110.60	3	1,372.82	3	1,635.04	3	1,897.26	3	2,159.48	3	2,421.70
1/4	69.68	1/4	330.84	1/4	591.89	1/4	853.98	1/4	1,116.06	1/4	1,378.28	1/4	1,640.50	1/4	1,902.72	1/4	2,164.94	1/4	2,427.16
1/2	75.05	1/2	336.29	1/2	597.35	1/2	859.44	1/2	1,121.53	1/2	1,383.75	1/2	1,645.97	1/2	1,908.19	1/2	2,170.41	1/2	2,432.63
3/4	80.43	3/4	341.73	3/4	602.82	3/4	864.90	3/4	1,126.99	3/4	1,389.21	3/4	1,651.43	3/4	1,913.65	3/4	2,175.87	3/4	2,438.09
4	85.80	4	347.18	4	608.28	4	870.36	4	1,132.45	4	1,394.67	4	1,656.89	4	1,919.11	4	2,181.33	4	2,443.55
1/4	91.24	1/4	352.60	1/4	613.74	1/4	875.82	1/4	1,137.91	1/4	1,400.13	1/4	1,662.35	1/4	1,924.57	1/4	2,186.79	1/4	2,449.01
1/2	96.68	1/2	358.02	1/2	619.21	1/2	881.28	1/2	1,143.38	1/2	1,405.60	1/2	1,667.82	1/2	1,930.04	1/2	2,192.26	1/2	2,454.48
3/4	102.11	3/4	363.44	3/4	624.67	3/4	886.73	3/4	1,148.84	3/4	1,411.06	3/4	1,673.28	3/4	1,935.50	3/4	2,197.72	3/4	2,459.94
5	107.55	5	368.86	5	630.13	5	892.19	5	1,154.30	5	1,416.52	5	1,678.74	5	1,940.96	5	2,203.18	5	2,465.40
1/4	112.99	1/4	374.27	1/4	635.59	1/4	897.65	1/4	1,159.77	1/4	1,421.99	1/4	1,684.20	1/4	1,946.42	1/4	2,208.64	1/4	2,470.86
1/2	118.43	1/2	379.68	1/2	641.06	1/2	903.11	1/2	1,165.23	1/2	1,427.45	1/2	1,689.67	1/2	1,951.89	1/2	2,214.11	1/2	2,476.33
3/4	123.87	3/4	385.09	3/4	646.52	3/4	908.56	3/4	1,170.70	3/4	1,432.92	3/4	1,695.13	3/4	1,957.35	3/4	2,219.57	3/4	2,481.79
6	129.31	6	390.50	6	651.98	6	914.02	6	1,176.16	6	1,438.38	6	1,700.59	6	1,962.81	6	2,225.03	6	2,487.25
1/4	134.75	1/4	395.91	1/4	657.44	1/4	919.48	1/4	1,181.62	1/4	1,443.84	1/4	1,706.06	1/4	1,968.28	1/4	2,230.49	1/4	2,492.71
1/2	140.19	1/2	401.32	1/2	662.91	1/2	924.94	1/2	1,187.09	1/2	1,449.31	1/2	1,711.52	1/2	1,973.74	1/2	2,235.96	1/2	2,498.18
3/4	145.62	3/4	406.73	3/4	668.37	3/4	930.39	3/4	1,192.55	3/4	1,454.77	3/4	1,716.99	3/4	1,979.21	3/4	2,241.42	3/4	2,503.64
7	151.06	7	412.14	7	673.83	7	935.85	7	1,198.01	7	1,460.23	7	1,722.45	7	1,984.67	7	2,246.88	7	2,509.10
1/4	156.51	1/4	417.55	1/4	679.29	1/4	941.31	1/4	1,203.47	1/4	1,465.69	1/4	1,727.91	1/4	1,990.13	1/4	2,252.35	1/4	2,514.57
1/2	161.95	1/2	422.96	1/2	684.76	1/2	946.77	1/2	1,208.94	1/2	1,471.16	1/2	1,733.38	1/2	1,995.60	1/2	2,257.81	1/2	2,520.03
3/4	167.40	3/4	428.37	3/4	690.22	3/4	952.23	3/4	1,214.40	3/4	1,476.62	3/4	1,738.84	3/4	2,001.06	3/4	2,263.28	3/4	2,525.50
8	172.84	8	433.78	8	695.68	8	957.69	8	1,219.86	8	1,482.08	8	1,744.30	8	2,006.52	8	2,268.74	8	2,530.96
1/4	178.29	1/4	439.19	1/4	701.14	1/4	963.15	1/4	1,225.32	1/4	1,487.54	1/4	1,749.76	1/4	2,011.98	1/4	2,274.20	1/4	2,536.42
1/2	183.74	1/2	444.60	1/2	706.60	1/2	968.61	1/2	1,230.79	1/2	1,493.01	1/2	1,755.23	1/2	2,017.45	1/2	2,279.67	1/2	2,541.89
3/4	189.19	3/4	450.01	3/4	712.06	3/4	974.06	3/4	1,236.25	3/4	1,498.47	3/4	1,760.69	3/4	2,022.91	3/4	2,285.13	3/4	2,547.35
9	194.64	9	455.42	9	717.52	9	979.52	9	1,241.71	9	1,503.93	9	1,766.15	9	2,028.37	9	2,290.59	9	2,552.81
1/4	200.09	1/4	460.86	1/4	722.98	1/4	984.98	1/4	1,247.17	1/4	1,509.39	1/4	1,771.61	1/4	2,033.83	1/4	2,296.05	1/4	2,558.27
1/2	205.54	1/2	466.29	1/2	728.44	1/2	990.44	1/2	1,252.64	1/2	1,514.86	1/2	1,777.08	1/2	2,039.30	1/2	2,301.52	1/2	2,563.74
3/4	210.99	3/4	471.73	3/4	733.90	3/4	995.89	3/4	1,258.10	3/4	1,520.32	3/4	1,782.54	3/4	2,044.76	3/4	2,306.98	3/4	2,569.20
10	216.44	10	477.16	10	739.36	10	1,001.35	10	1,263.56	10	1,525.78	10	1,788.00	10	2,050.22	10	2,312.44	10	2,574.66
1/4	221.89	1/4	482.63	1/4	744.82	1/4	1,006.81	1/4	1,269.02	1/4	1,531.24	1/4	1,793.46	1/4	2,055.68	1/4	2,317.90	1/4	2,580.12
1/2	227.34	1/2	488.09	1/2	750.28	1/2	1,012.27	1/2	1,274.49	1/2	1,536.71	1/2	1,798.93	1/2	2,061.15	1/2	2,323.37	1/2	2,585.59
3/4	232.78	3/4	493.56	3/4	755.73	3/4	1,017.73	3/4	1,279.95	3/4	1,542.17	3/4	1,804.39	3/4	2,066.61	3/4	2,328.83	3/4	2,591.05
11	238.23	11	499.02	11	761.19	11	1,023.19	11	1,285.41	11	1,547.63	11	1,809.85	11	2,072.07	11	2,334.29	11	2,596.51
1/4	243.68	1/4	504.48	1/4	766.65	1/4	1,028.66	1/4	1,290.88	1/4	1,553.09	1/4	1,815.31	1/4	2,077.53	1/4	2,339.75	1/4	2,601.97
1/2	249.13	1/2	509.95	1/2	772.11	1/2	1,034.12	1/2	1,296.34	1/2	1,558.56	1/2	1,820.78	1/2	2,083.00	1/2	2,345.22	1/2	2,607.44
3/4	254.57	3/4	515.41	3/4	777.56	3/4	1,039.59	3/4	1,301.81	3/4	1,564.02	3/4	1,826.24	3/4	2,088.46	3/4	2,350.68	3/4	2,612.90

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 223"

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.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,618.36	0	2,880.58	0	3,142.80	0	3,405.02	0	3,667.28	0		0		0		0		0	
1/4	2,623.82	1/4	2,886.04	1/4	3,148.26	1/4	3,410.48	1/4	3,672.74	1/4		1/4		1/4		1/4		1/4	
1/2	2,629.29	1/2	2,891.51	1/2	3,153.73	1/2	3,415.95	1/2	3,678.21	1/2		1/2		1/2		1/2		1/2	
3/4	2,634.75	3/4	2,896.97	3/4	3,159.19	3/4	3,421.41	3/4	3,683.67	3/4		3/4		3/4		3/4		3/4	
1	2,640.21	1	2,902.43	1	3,164.65	1	3,426.87	1	3,689.13	1		1		1		1		1	
1/4	2,645.67	1/4	2,907.89	1/4	3,170.11	1/4	3,432.34	1/4	3,694.25	1/4		1/4		1/4		1/4		1/4	
1/2	2,651.14	1/2	2,913.36	1/2	3,175.58	1/2	3,437.80	1/2	3,699.38	1/2		1/2		1/2		1/2		1/2	
3/4	2,656.60	3/4	2,918.82	3/4	3,181.04	3/4	3,443.27	3/4	3,704.50	3/4		3/4		3/4		3/4		3/4	
2	2,662.06	2	2,924.28	2	3,186.50	2	3,448.73	2	3,709.62	2		2		2		2		2	
1/4	2,667.53	1/4	2,929.75	1/4	3,191.96	1/4	3,454.19	1/4	3,713.83	1/4		1/4		1/4		1/4		1/4	
1/2	2,672.99	1/2	2,935.21	1/2	3,197.43	1/2	3,459.66	1/2	3,718.05	1/2		1/2		1/2		1/2		1/2	
3/4	2,678.46	3/4	2,940.68	3/4	3,202.89	3/4	3,465.12	3/4	3,722.26	3/4		3/4		3/4		3/4		3/4	
3	2,683.92	3	2,946.14	3	3,208.35	3	3,470.58	3	3,726.47	3		3		3		3		3	
1/4	2,689.38	1/4	2,951.60	1/4	3,213.82	1/4	3,476.05	1/4	3,729.77	1/4		1/4		1/4		1/4		1/4	
1/2	2,694.85	1/2	2,957.07	1/2	3,219.28	1/2	3,481.51	1/2	3,733.07	1/2		1/2		1/2		1/2		1/2	
3/4	2,700.31	3/4	2,962.53	3/4	3,224.75	3/4	3,486.98	3/4	3,736.37	3/4		3/4		3/4		3/4		3/4	
4	2,705.77	4	2,967.99	4	3,230.21	4	3,492.44	4	3,739.67	4		4		4		4		4	
1/4	2,711.23	1/4	2,973.45	1/4	3,235.67	1/4	3,497.90	1/4	3,742.06	1/4		1/4		1/4		1/4		1/4	
1/2	2,716.70	1/2	2,978.92	1/2	3,241.14	1/2	3,503.37	1/2	3,744.45	1/2		1/2		1/2		1/2		1/2	
3/4	2,722.16	3/4	2,984.38	3/4	3,246.60	3/4	3,508.83	3/4	3,746.84	3/4		3/4		3/4		3/4		3/4	
5	2,727.62	5	2,989.84	5	3,252.06	5	3,514.29	5	3,749.23	5		5		5		5		5	
1/4	2,733.08	1/4	2,995.30	1/4	3,257.52	1/4	3,519.76	1/4	3,750.71	1/4		1/4		1/4		1/4		1/4	
1/2	2,738.55	1/2	3,000.77	1/2	3,262.99	1/2	3,525.22	1/2	3,752.19	1/2		1/2		1/2		1/2		1/2	
3/4	2,744.01	3/4	3,006.23	3/4	3,268.45	3/4	3,530.69	3/4	3,753.67	3/4		3/4		3/4		3/4		3/4	
6	2,749.47	6	3,011.69	6	3,273.91	6	3,536.15	6	3,755.15	6		6		6		6		6	
1/4	2,754.93	1/4	3,017.15	1/4	3,279.37	1/4	3,541.61	1/4	3,755.72	1/4		1/4		1/4		1/4		1/4	
1/2	2,760.40	1/2	3,022.62	1/2	3,284.84	1/2	3,547.08	1/2	3,756.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,765.86	3/4	3,028.08	3/4	3,290.30	3/4	3,552.54	3/4	3,756.85	3/4		3/4		3/4		3/4		3/4	
7	2,771.32	7	3,033.54	7	3,295.76	7	3,558.00	7	3,757.42	7		7		7		7		7	
1/4	2,776.78	1/4	3,039.00	1/4	3,301.22	1/4	3,563.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,782.25	1/2	3,044.47	1/2	3,306.69	1/2	3,568.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,787.71	3/4	3,049.93	3/4	3,312.15	3/4	3,574.40	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,793.17	8	3,055.39	8	3,317.61	8	3,579.86	8		8		8		8		8		8	
1/4	2,798.64	1/4	3,060.86	1/4	3,323.07	1/4	3,585.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,804.10	1/2	3,066.32	1/2	3,328.54	1/2	3,590.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,809.57	3/4	3,071.79	3/4	3,334.00	3/4	3,596.25	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,815.03	9	3,077.25	9	3,339.46	9	3,601.71	9		9		9		9		9		9	
1/4	2,820.49	1/4	3,082.71	1/4	3,344.92	1/4	3,607.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,825.96	1/2	3,088.18	1/2	3,350.39	1/2	3,612.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,831.42	3/4	3,093.64	3/4	3,355.85	3/4	3,618.11	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,836.88	10	3,099.10	10	3,361.31	10	3,623.57	10		10		10		10		10		10	
1/4	2,842.34	1/4	3,104.56	1/4	3,366.77	1/4	3,629.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,847.81	1/2	3,110.03	1/2	3,372.24	1/2	3,634.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,853.27	3/4	3,115.49	3/4	3,377.70	3/4	3,639.96	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,858.73	11	3,120.95	11	3,383.16	11	3,645.42	11		11		11		11		11		11	
1/4	2,864.19	1/4	3,126.41	1/4	3,388.63	1/4	3,650.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,869.66	1/2	3,131.88	1/2	3,394.09	1/2	3,656.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,875.12	3/4	3,137.34	3/4	3,399.56	3/4	3,661.82	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/1999 ITS
DECK MEASUREMENTS: 06/19/2009 SW
REPRINTED: 06/19/2009 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2009

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



BARGE "WEB 223"

2 STBD INNAGE TABLE

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

GAUGE HEIGHT 14'-09"

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	8.60	0	259.74	0	520.32	0	782.08	0	1,043.17	0	1,305.11	0	1,567.05	0	1,828.99	0	2,090.93	0	2,352.87
1/4	12.12	1/4	265.18	1/4	525.78	1/4	787.52	1/4	1,048.63	1/4	1,310.57	1/4	1,572.51	1/4	1,834.45	1/4	2,096.39	1/4	2,358.33
1/2	15.65	1/2	270.63	1/2	531.23	1/2	792.95	1/2	1,054.09	1/2	1,316.03	1/2	1,577.97	1/2	1,839.90	1/2	2,101.84	1/2	2,363.78
3/4	19.17	3/4	276.07	3/4	536.69	3/4	798.39	3/4	1,059.54	3/4	1,321.48	3/4	1,583.42	3/4	1,845.36	3/4	2,107.30	3/4	2,369.24
1	22.69	1	281.51	1	542.14	1	803.83	1	1,065.00	1	1,326.94	1	1,588.88	1	1,850.82	1	2,112.76	1	2,374.70
1/4	27.77	1/4	286.95	1/4	547.60	1/4	809.27	1/4	1,070.46	1/4	1,332.40	1/4	1,594.34	1/4	1,856.28	1/4	2,118.22	1/4	2,380.16
1/2	32.85	1/2	292.40	1/2	553.06	1/2	814.70	1/2	1,075.91	1/2	1,337.85	1/2	1,599.80	1/2	1,861.73	1/2	2,123.67	1/2	2,385.61
3/4	37.93	3/4	297.84	3/4	558.51	3/4	820.14	3/4	1,081.37	3/4	1,343.31	3/4	1,605.25	3/4	1,867.19	3/4	2,129.13	3/4	2,391.07
2	43.01	2	303.28	2	563.97	2	825.58	2	1,086.82	2	1,348.76	2	1,610.71	2	1,872.65	2	2,134.59	2	2,396.53
1/4	48.32	1/4	308.72	1/4	569.43	1/4	831.01	1/4	1,092.28	1/4	1,354.22	1/4	1,616.17	1/4	1,878.10	1/4	2,140.05	1/4	2,401.99
1/2	53.62	1/2	314.16	1/2	574.89	1/2	836.45	1/2	1,097.74	1/2	1,359.68	1/2	1,621.62	1/2	1,883.56	1/2	2,145.50	1/2	2,407.44
3/4	58.93	3/4	319.60	3/4	580.34	3/4	841.88	3/4	1,103.19	3/4	1,365.13	3/4	1,627.08	3/4	1,889.01	3/4	2,150.96	3/4	2,412.90
3	64.23	3	325.04	3	585.80	3	847.32	3	1,108.65	3	1,370.59	3	1,632.53	3	1,894.47	3	2,156.42	3	2,418.36
1/4	69.60	1/4	330.48	1/4	591.26	1/4	852.76	1/4	1,114.11	1/4	1,376.05	1/4	1,637.99	1/4	1,899.93	1/4	2,161.87	1/4	2,423.81
1/2	74.97	1/2	335.93	1/2	596.71	1/2	858.19	1/2	1,119.57	1/2	1,381.51	1/2	1,643.45	1/2	1,905.38	1/2	2,167.33	1/2	2,429.27
3/4	80.34	3/4	341.37	3/4	602.17	3/4	863.63	3/4	1,125.02	3/4	1,386.96	3/4	1,648.90	3/4	1,910.84	3/4	2,172.78	3/4	2,434.72
4	85.71	4	346.81	4	607.63	4	869.07	4	1,130.48	4	1,392.42	4	1,654.36	4	1,916.30	4	2,178.24	4	2,440.18
1/4	91.14	1/4	352.22	1/4	613.09	1/4	874.51	1/4	1,135.94	1/4	1,397.88	1/4	1,659.82	1/4	1,921.76	1/4	2,183.70	1/4	2,445.64
1/2	96.58	1/2	357.64	1/2	618.54	1/2	879.94	1/2	1,141.40	1/2	1,403.34	1/2	1,665.28	1/2	1,927.21	1/2	2,189.15	1/2	2,451.09
3/4	102.01	3/4	363.05	3/4	624.00	3/4	885.38	3/4	1,146.85	3/4	1,408.79	3/4	1,670.73	3/4	1,932.67	3/4	2,194.61	3/4	2,456.55
5	107.44	5	368.46	5	629.46	5	890.82	5	1,152.31	5	1,414.25	5	1,676.19	5	1,938.13	5	2,200.07	5	2,462.01
1/4	112.87	1/4	373.87	1/4	634.92	1/4	896.25	1/4	1,157.77	1/4	1,419.71	1/4	1,681.65	1/4	1,943.59	1/4	2,205.53	1/4	2,467.47
1/2	118.31	1/2	379.27	1/2	640.37	1/2	901.69	1/2	1,163.23	1/2	1,425.17	1/2	1,687.11	1/2	1,949.04	1/2	2,210.98	1/2	2,472.92
3/4	123.74	3/4	384.68	3/4	645.83	3/4	907.12	3/4	1,168.68	3/4	1,430.62	3/4	1,692.56	3/4	1,954.50	3/4	2,216.44	3/4	2,478.38
6	129.17	6	390.08	6	651.29	6	912.56	6	1,174.14	6	1,436.08	6	1,698.02	6	1,959.96	6	2,221.90	6	2,483.84
1/4	134.60	1/4	395.49	1/4	656.75	1/4	918.00	1/4	1,179.60	1/4	1,441.54	1/4	1,703.48	1/4	1,965.42	1/4	2,227.36	1/4	2,489.30
1/2	140.04	1/2	400.89	1/2	662.20	1/2	923.43	1/2	1,185.06	1/2	1,447.00	1/2	1,708.94	1/2	1,970.87	1/2	2,232.81	1/2	2,494.75
3/4	145.47	3/4	406.30	3/4	667.66	3/4	928.87	3/4	1,190.51	3/4	1,452.45	3/4	1,714.39	3/4	1,976.33	3/4	2,238.27	3/4	2,500.21
7	150.90	7	411.70	7	673.12	7	934.31	7	1,195.97	7	1,457.91	7	1,719.85	7	1,981.79	7	2,243.73	7	2,505.67
1/4	156.34	1/4	417.11	1/4	678.57	1/4	939.75	1/4	1,201.43	1/4	1,463.37	1/4	1,725.31	1/4	1,987.25	1/4	2,249.19	1/4	2,511.13
1/2	161.78	1/2	422.51	1/2	684.03	1/2	945.18	1/2	1,206.88	1/2	1,468.82	1/2	1,730.77	1/2	1,992.70	1/2	2,254.64	1/2	2,516.58
3/4	167.22	3/4	427.92	3/4	689.48	3/4	950.62	3/4	1,212.34	3/4	1,474.28	3/4	1,736.22	3/4	1,998.16	3/4	2,260.10	3/4	2,522.04
8	172.66	8	433.32	8	694.94	8	956.06	8	1,217.79	8	1,479.73	8	1,741.68	8	2,003.62	8	2,265.56	8	2,527.50
1/4	178.10	1/4	438.72	1/4	700.39	1/4	961.49	1/4	1,223.25	1/4	1,485.19	1/4	1,747.14	1/4	2,009.07	1/4	2,271.02	1/4	2,532.96
1/2	183.55	1/2	444.13	1/2	705.84	1/2	966.93	1/2	1,228.71	1/2	1,490.65	1/2	1,752.59	1/2	2,014.53	1/2	2,276.47	1/2	2,538.41
3/4	188.99	3/4	449.53	3/4	711.30	3/4	972.36	3/4	1,234.16	3/4	1,496.10	3/4	1,758.04	3/4	2,019.98	3/4	2,281.93	3/4	2,543.87
9	194.43	9	454.93	9	716.75	9	977.80	9	1,239.62	9	1,501.56	9	1,763.50	9	2,025.44	9	2,287.39	9	2,549.33
1/4	199.88	1/4	460.36	1/4	722.20	1/4	983.24	1/4	1,245.08	1/4	1,507.02	1/4	1,768.96	1/4	2,030.90	1/4	2,292.84	1/4	2,554.78
1/2	205.32	1/2	465.80	1/2	727.66	1/2	988.67	1/2	1,250.54	1/2	1,512.48	1/2	1,774.41	1/2	2,036.35	1/2	2,298.30	1/2	2,560.24
3/4	210.77	3/4	471.23	3/4	733.11	3/4	994.11	3/4	1,255.99	3/4	1,517.93	3/4	1,779.87	3/4	2,041.81	3/4	2,303.75	3/4	2,565.69
10	216.21	10	476.66	10	738.57	10	999.55	10	1,261.45	10	1,523.39	10	1,785.33	10	2,047.27	10	2,309.21	10	2,571.15
1/4	221.65	1/4	482.12	1/4	744.01	1/4	1,005.00	1/4	1,266.91	1/4	1,528.85	1/4	1,790.79	1/4	2,052.73	1/4	2,314.67	1/4	2,576.61
1/2	227.10	1/2	487.58	1/2	749.45	1/2	1,010.45	1/2	1,272.37	1/2	1,534.31	1/2	1,796.24	1/2	2,058.18	1/2	2,320.12	1/2	2,582.06
3/4	232.54	3/4	493.03	3/4	754.90	3/4	1,015.89	3/4	1,277.82	3/4	1,539.76	3/4	1,801.70	3/4	2,063.64	3/4	2,325.58	3/4	2,587.52
11	237.98	11	498.49	11	760.34	11	1,021.34	11	1,283.28	11	1,545.22	11	1,807.16	11	2,069.10	11	2,331.04	11	2,592.98
1/4	243.42	1/4	503.95	1/4	765.77	1/4	1,026.80	1/4	1,288.74	1/4	1,550.68	1/4	1,812.62	1/4	2,074.56	1/4	2,336.50	1/4	2,598.44
1/2	248.86	1/2	509.41	1/2	771.21	1/2	1,032.26	1/2	1,294.20	1/2	1,556.14	1/2	1,818.07	1/2	2,080.01	1/2	2,341.95	1/2	2,603.89
3/4	254.30	3/4	514.86	3/4	776.64	3/4	1,037.71	3/4	1,299.65	3/4	1,561.59	3/4	1,823.53	3/4	2,085.47	3/4	2,347.41	3/4	2,609.35

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 223"

2 STBD INNAGE TABLE

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

GAUGE HEIGHT 14'-09"

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	2,614.81	0	2,876.75	0	3,138.69	0	3,400.63	0	3,662.62	0		0		0		0		0	
1/4	2,620.27	1/4	2,882.21	1/4	3,144.15	1/4	3,406.09	1/4	3,668.08	1/4		1/4		1/4		1/4		1/4	
1/2	2,625.72	1/2	2,887.66	1/2	3,149.60	1/2	3,411.55	1/2	3,673.53	1/2		1/2		1/2		1/2		1/2	
3/4	2,631.18	3/4	2,893.12	3/4	3,155.06	3/4	3,417.01	3/4	3,678.99	3/4		3/4		3/4		3/4		3/4	
1	2,636.64	1	2,898.58	1	3,160.52	1	3,422.47	1	3,684.45	1		1		1		1		1	
1/4	2,642.10	1/4	2,904.04	1/4	3,165.98	1/4	3,427.93	1/4	3,689.57	1/4		1/4		1/4		1/4		1/4	
1/2	2,647.55	1/2	2,909.49	1/2	3,171.43	1/2	3,433.38	1/2	3,694.68	1/2		1/2		1/2		1/2		1/2	
3/4	2,653.01	3/4	2,914.95	3/4	3,176.89	3/4	3,438.84	3/4	3,699.80	3/4		3/4		3/4		3/4		3/4	
2	2,658.47	2	2,920.41	2	3,182.35	2	3,444.30	2	3,704.92	2		2		2		2		2	
1/4	2,663.93	1/4	2,925.87	1/4	3,187.81	1/4	3,449.76	1/4	3,709.12	1/4		1/4		1/4		1/4		1/4	
1/2	2,669.38	1/2	2,931.32	1/2	3,193.26	1/2	3,455.21	1/2	3,713.33	1/2		1/2		1/2		1/2		1/2	
3/4	2,674.84	3/4	2,936.78	3/4	3,198.72	3/4	3,460.67	3/4	3,717.53	3/4		3/4		3/4		3/4		3/4	
3	2,680.30	3	2,942.24	3	3,204.18	3	3,466.13	3	3,721.74	3		3		3		3		3	
1/4	2,685.76	1/4	2,947.70	1/4	3,209.64	1/4	3,471.59	1/4	3,725.04	1/4		1/4		1/4		1/4		1/4	
1/2	2,691.21	1/2	2,953.15	1/2	3,215.09	1/2	3,477.04	1/2	3,728.33	1/2		1/2		1/2		1/2		1/2	
3/4	2,696.67	3/4	2,958.61	3/4	3,220.55	3/4	3,482.50	3/4	3,731.63	3/4		3/4		3/4		3/4		3/4	
4	2,702.13	4	2,964.07	4	3,226.01	4	3,487.96	4	3,734.93	4		4		4		4		4	
1/4	2,707.58	1/4	2,969.52	1/4	3,231.47	1/4	3,493.42	1/4	3,737.32	1/4		1/4		1/4		1/4		1/4	
1/2	2,713.04	1/2	2,974.98	1/2	3,236.92	1/2	3,498.87	1/2	3,739.70	1/2		1/2		1/2		1/2		1/2	
3/4	2,718.49	3/4	2,980.43	3/4	3,242.38	3/4	3,504.33	3/4	3,742.09	3/4		3/4		3/4		3/4		3/4	
5	2,723.95	5	2,985.89	5	3,247.84	5	3,509.79	5	3,744.48	5		5		5		5		5	
1/4	2,729.41	1/4	2,991.35	1/4	3,253.29	1/4	3,515.25	1/4	3,745.96	1/4		1/4		1/4		1/4		1/4	
1/2	2,734.86	1/2	2,996.80	1/2	3,258.75	1/2	3,520.71	1/2	3,747.43	1/2		1/2		1/2		1/2		1/2	
3/4	2,740.32	3/4	3,002.26	3/4	3,264.20	3/4	3,526.17	3/4	3,748.91	3/4		3/4		3/4		3/4		3/4	
6	2,745.78	6	3,007.72	6	3,269.66	6	3,531.63	6	3,750.39	6		6		6		6		6	
1/4	2,751.24	1/4	3,013.18	1/4	3,275.12	1/4	3,537.09	1/4	3,750.96	1/4		1/4		1/4		1/4		1/4	
1/2	2,756.69	1/2	3,018.63	1/2	3,280.57	1/2	3,542.54	1/2	3,751.52	1/2		1/2		1/2		1/2		1/2	
3/4	2,762.15	3/4	3,024.09	3/4	3,286.03	3/4	3,548.00	3/4	3,752.09	3/4		3/4		3/4		3/4		3/4	
7	2,767.61	7	3,029.55	7	3,291.49	7	3,553.46	7	3,752.66	7		7		7		7		7	
1/4	2,773.07	1/4	3,035.01	1/4	3,296.95	1/4	3,558.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,778.52	1/2	3,040.46	1/2	3,302.40	1/2	3,564.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,783.98	3/4	3,045.92	3/4	3,307.86	3/4	3,569.83	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,789.44	8	3,051.38	8	3,313.32	8	3,575.29	8		8		8		8		8		8	
1/4	2,794.90	1/4	3,056.84	1/4	3,318.78	1/4	3,580.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,800.35	1/2	3,062.29	1/2	3,324.23	1/2	3,586.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,805.81	3/4	3,067.75	3/4	3,329.69	3/4	3,591.66	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,811.27	9	3,073.21	9	3,335.15	9	3,597.12	9		9		9		9		9		9	
1/4	2,816.73	1/4	3,078.67	1/4	3,340.61	1/4	3,602.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,822.18	1/2	3,084.12	1/2	3,346.06	1/2	3,608.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,827.64	3/4	3,089.58	3/4	3,351.52	3/4	3,613.49	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,833.10	10	3,095.04	10	3,356.98	10	3,618.95	10		10		10		10		10		10	
1/4	2,838.55	1/4	3,100.49	1/4	3,362.44	1/4	3,624.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,844.01	1/2	3,105.95	1/2	3,367.89	1/2	3,629.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,849.46	3/4	3,111.40	3/4	3,373.35	3/4	3,635.33	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,854.92	11	3,116.86	11	3,378.81	11	3,640.79	11		11		11		11		11		11	
1/4	2,860.38	1/4	3,122.32	1/4	3,384.26	1/4	3,646.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,865.83	1/2	3,127.77	1/2	3,389.72	1/2	3,651.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,871.29	3/4	3,133.23	3/4	3,395.17	3/4	3,657.16	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/1999 ITS
DECK MEASUREMENTS: 06/19/2009 SW
REPRINTED: 06/19/2009 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2009

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



BARGE "WEB 223"

3 PORT INNAGE TABLE

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

GAUGE HEIGHT 14'-08 7/8"

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	8.58	0	259.12	0	519.08	0	780.23	0	1,040.70	0	1,302.03	0	1,563.36	0	1,824.68	0	2,086.01	0	2,347.34
1/4	12.10	1/4	264.55	1/4	524.53	1/4	785.66	1/4	1,046.15	1/4	1,307.48	1/4	1,568.80	1/4	1,830.13	1/4	2,091.46	1/4	2,352.78
1/2	15.61	1/2	269.98	1/2	529.97	1/2	791.08	1/2	1,051.59	1/2	1,312.92	1/2	1,574.25	1/2	1,835.57	1/2	2,096.90	1/2	2,358.23
3/4	19.13	3/4	275.41	3/4	535.42	3/4	796.51	3/4	1,057.04	3/4	1,318.37	3/4	1,579.69	3/4	1,841.02	3/4	2,102.35	3/4	2,363.67
1	22.64	1	280.84	1	540.86	1	801.93	1	1,062.48	1	1,323.81	1	1,585.13	1	1,846.46	1	2,107.79	1	2,369.11
1/4	27.71	1/4	286.27	1/4	546.31	1/4	807.36	1/4	1,067.93	1/4	1,329.26	1/4	1,590.58	1/4	1,851.91	1/4	2,113.23	1/4	2,374.56
1/2	32.77	1/2	291.70	1/2	551.75	1/2	812.78	1/2	1,073.37	1/2	1,334.70	1/2	1,596.02	1/2	1,857.35	1/2	2,118.68	1/2	2,380.00
3/4	37.84	3/4	297.13	3/4	557.20	3/4	818.21	3/4	1,078.82	3/4	1,340.15	3/4	1,601.47	3/4	1,862.80	3/4	2,124.12	3/4	2,385.45
2	42.90	2	302.56	2	562.64	2	823.63	2	1,084.26	2	1,345.59	2	1,606.91	2	1,868.24	2	2,129.56	2	2,390.89
1/4	48.20	1/4	307.99	1/4	568.09	1/4	829.05	1/4	1,089.71	1/4	1,351.03	1/4	1,612.36	1/4	1,873.69	1/4	2,135.01	1/4	2,396.34
1/2	53.49	1/2	313.42	1/2	573.53	1/2	834.48	1/2	1,095.15	1/2	1,356.48	1/2	1,617.80	1/2	1,879.13	1/2	2,140.45	1/2	2,401.78
3/4	58.79	3/4	318.84	3/4	578.98	3/4	839.90	3/4	1,100.60	3/4	1,361.92	3/4	1,623.25	3/4	1,884.58	3/4	2,145.90	3/4	2,407.23
3	64.08	3	324.27	3	584.42	3	845.32	3	1,106.04	3	1,367.36	3	1,628.69	3	1,890.02	3	2,151.34	3	2,412.67
1/4	69.44	1/4	329.70	1/4	589.86	1/4	850.75	1/4	1,111.48	1/4	1,372.81	1/4	1,634.14	1/4	1,895.46	1/4	2,156.79	1/4	2,418.12
1/2	74.79	1/2	335.13	1/2	595.31	1/2	856.17	1/2	1,116.93	1/2	1,378.25	1/2	1,639.58	1/2	1,900.91	1/2	2,162.23	1/2	2,423.56
3/4	80.15	3/4	340.56	3/4	600.75	3/4	861.60	3/4	1,122.37	3/4	1,383.70	3/4	1,645.03	3/4	1,906.35	3/4	2,167.68	3/4	2,429.01
4	85.50	4	345.99	4	606.19	4	867.02	4	1,127.81	4	1,389.14	4	1,650.47	4	1,911.79	4	2,173.12	4	2,434.45
1/4	90.92	1/4	351.39	1/4	611.64	1/4	872.44	1/4	1,133.26	1/4	1,394.59	1/4	1,655.91	1/4	1,917.24	1/4	2,178.57	1/4	2,439.89
1/2	96.34	1/2	356.79	1/2	617.08	1/2	877.87	1/2	1,138.70	1/2	1,400.03	1/2	1,661.36	1/2	1,922.68	1/2	2,184.01	1/2	2,445.34
3/4	101.76	3/4	362.19	3/4	622.53	3/4	883.29	3/4	1,144.15	3/4	1,405.48	3/4	1,666.80	3/4	1,928.13	3/4	2,189.46	3/4	2,450.78
5	107.18	5	367.59	5	627.97	5	888.71	5	1,149.59	5	1,410.92	5	1,672.24	5	1,933.57	5	2,194.90	5	2,456.22
1/4	112.60	1/4	372.98	1/4	633.42	1/4	894.14	1/4	1,155.04	1/4	1,416.36	1/4	1,677.69	1/4	1,939.02	1/4	2,200.34	1/4	2,461.67
1/2	118.02	1/2	378.38	1/2	638.86	1/2	899.56	1/2	1,160.48	1/2	1,421.81	1/2	1,683.13	1/2	1,944.46	1/2	2,205.79	1/2	2,467.11
3/4	123.44	3/4	383.77	3/4	644.31	3/4	904.99	3/4	1,165.93	3/4	1,427.25	3/4	1,688.58	3/4	1,949.91	3/4	2,211.23	3/4	2,472.56
6	128.86	6	389.16	6	649.75	6	910.41	6	1,171.37	6	1,432.69	6	1,694.02	6	1,955.35	6	2,216.67	6	2,478.00
1/4	134.28	1/4	394.55	1/4	655.20	1/4	915.83	1/4	1,176.81	1/4	1,438.14	1/4	1,699.47	1/4	1,960.79	1/4	2,222.12	1/4	2,483.45
1/2	139.70	1/2	399.94	1/2	660.64	1/2	921.26	1/2	1,182.26	1/2	1,443.58	1/2	1,704.91	1/2	1,966.24	1/2	2,227.56	1/2	2,488.89
3/4	145.12	3/4	405.33	3/4	666.09	3/4	926.68	3/4	1,187.70	3/4	1,449.03	3/4	1,710.36	3/4	1,971.68	3/4	2,233.01	3/4	2,494.34
7	150.54	7	410.72	7	671.53	7	932.10	7	1,193.14	7	1,454.47	7	1,715.80	7	1,977.12	7	2,238.45	7	2,499.78
1/4	155.97	1/4	416.11	1/4	676.97	1/4	937.53	1/4	1,198.59	1/4	1,459.92	1/4	1,721.24	1/4	1,982.57	1/4	2,243.90	1/4	2,505.22
1/2	161.39	1/2	421.51	1/2	682.41	1/2	942.95	1/2	1,204.03	1/2	1,465.36	1/2	1,726.69	1/2	1,988.01	1/2	2,249.34	1/2	2,510.67
3/4	166.82	3/4	426.90	3/4	687.85	3/4	948.38	3/4	1,209.48	3/4	1,470.81	3/4	1,732.13	3/4	1,993.46	3/4	2,254.79	3/4	2,516.11
8	172.24	8	432.29	8	693.29	8	953.80	8	1,214.92	8	1,476.25	8	1,737.57	8	1,998.90	8	2,260.23	8	2,521.55
1/4	177.67	1/4	437.68	1/4	698.73	1/4	959.23	1/4	1,220.37	1/4	1,481.70	1/4	1,743.02	1/4	2,004.35	1/4	2,265.67	1/4	2,527.00
1/2	183.11	1/2	443.08	1/2	704.18	1/2	964.65	1/2	1,225.81	1/2	1,487.14	1/2	1,748.46	1/2	2,009.79	1/2	2,271.12	1/2	2,532.44
3/4	188.54	3/4	448.47	3/4	709.62	3/4	970.08	3/4	1,231.26	3/4	1,492.59	3/4	1,753.91	3/4	2,015.24	3/4	2,276.56	3/4	2,537.89
9	193.97	9	453.86	9	715.06	9	975.50	9	1,236.70	9	1,498.03	9	1,759.35	9	2,020.68	9	2,282.00	9	2,543.33
1/4	199.40	1/4	459.28	1/4	720.50	1/4	980.92	1/4	1,242.15	1/4	1,503.47	1/4	1,764.80	1/4	2,026.13	1/4	2,287.45	1/4	2,548.78
1/2	204.83	1/2	464.70	1/2	725.95	1/2	986.35	1/2	1,247.59	1/2	1,508.92	1/2	1,770.24	1/2	2,031.57	1/2	2,292.89	1/2	2,554.22
3/4	210.26	3/4	470.11	3/4	731.39	3/4	991.77	3/4	1,253.04	3/4	1,514.36	3/4	1,775.69	3/4	2,037.02	3/4	2,298.34	3/4	2,559.67
10	215.69	10	475.53	10	736.83	10	997.19	10	1,258.48	10	1,519.80	10	1,781.13	10	2,042.46	10	2,303.78	10	2,565.11
1/4	221.12	1/4	480.98	1/4	742.26	1/4	1,002.63	1/4	1,263.92	1/4	1,525.25	1/4	1,786.58	1/4	2,047.90	1/4	2,309.23	1/4	2,570.56
1/2	226.55	1/2	486.42	1/2	747.69	1/2	1,008.06	1/2	1,269.37	1/2	1,530.69	1/2	1,792.02	1/2	2,053.35	1/2	2,314.67	1/2	2,576.00
3/4	231.98	3/4	491.87	3/4	753.11	3/4	1,013.50	3/4	1,274.81	3/4	1,536.14	3/4	1,797.47	3/4	2,058.79	3/4	2,320.12	3/4	2,581.45
11	237.41	11	497.31	11	758.54	11	1,018.93	11	1,280.25	11	1,541.58	11	1,802.91	11	2,064.23	11	2,325.56	11	2,586.89
1/4	242.84	1/4	502.75	1/4	763.96	1/4	1,024.37	1/4	1,285.70	1/4	1,547.03	1/4	1,808.35	1/4	2,069.68	1/4	2,331.01	1/4	2,592.33
1/2	248.27	1/2	508.20	1/2	769.39	1/2	1,029.82	1/2	1,291.14	1/2	1,552.47	1/2	1,813.80	1/2	2,075.12	1/2	2,336.45	1/2	2,597.78
3/4	253.69	3/4	513.64	3/4	774.81	3/4	1,035.26	3/4	1,296.59	3/4	1,557.92	3/4	1,819.24	3/4	2,080.57	3/4	2,341.90	3/4	2,603.22

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 223"

3 PORT INNAGE TABLE

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

GAUGE HEIGHT 14'-08 7/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,608.66	0	2,869.99	0	3,131.32	0	3,392.64	0	3,654.00	0		0		0		0		0	
1/4	2,614.11	1/4	2,875.44	1/4	3,136.76	1/4	3,398.09	1/4	3,659.45	1/4		1/4		1/4		1/4		1/4	
1/2	2,619.55	1/2	2,880.88	1/2	3,142.21	1/2	3,403.53	1/2	3,664.89	1/2		1/2		1/2		1/2		1/2	
3/4	2,625.00	3/4	2,886.33	3/4	3,147.65	3/4	3,408.98	3/4	3,670.34	3/4		3/4		3/4		3/4		3/4	
1	2,630.44	1	2,891.77	1	3,153.09	1	3,414.42	1	3,675.78	1		1		1		1		1	
1/4	2,635.89	1/4	2,897.21	1/4	3,158.54	1/4	3,419.87	1/4	3,680.89	1/4		1/4		1/4		1/4		1/4	
1/2	2,641.33	1/2	2,902.66	1/2	3,163.98	1/2	3,425.31	1/2	3,685.99	1/2		1/2		1/2		1/2		1/2	
3/4	2,646.78	3/4	2,908.10	3/4	3,169.43	3/4	3,430.76	3/4	3,691.10	3/4		3/4		3/4		3/4		3/4	
2	2,652.22	2	2,913.54	2	3,174.87	2	3,436.20	2	3,696.20	2		2		2		2		2	
1/4	2,657.66	1/4	2,918.99	1/4	3,180.32	1/4	3,441.65	1/4	3,700.40	1/4		1/4		1/4		1/4		1/4	
1/2	2,663.11	1/2	2,924.43	1/2	3,185.76	1/2	3,447.09	1/2	3,704.60	1/2		1/2		1/2		1/2		1/2	
3/4	2,668.55	3/4	2,929.88	3/4	3,191.21	3/4	3,452.54	3/4	3,708.79	3/4		3/4		3/4		3/4		3/4	
3	2,673.99	3	2,935.32	3	3,196.65	3	3,457.98	3	3,712.99	3		3		3		3		3	
1/4	2,679.44	1/4	2,940.77	1/4	3,202.09	1/4	3,463.43	1/4	3,716.28	1/4		1/4		1/4		1/4		1/4	
1/2	2,684.88	1/2	2,946.21	1/2	3,207.54	1/2	3,468.87	1/2	3,719.57	1/2		1/2		1/2		1/2		1/2	
3/4	2,690.33	3/4	2,951.66	3/4	3,212.98	3/4	3,474.32	3/4	3,722.86	3/4		3/4		3/4		3/4		3/4	
4	2,695.77	4	2,957.10	4	3,218.42	4	3,479.76	4	3,726.15	4		4		4		4		4	
1/4	2,701.22	1/4	2,962.55	1/4	3,223.87	1/4	3,485.21	1/4	3,728.53	1/4		1/4		1/4		1/4		1/4	
1/2	2,706.66	1/2	2,967.99	1/2	3,229.31	1/2	3,490.65	1/2	3,730.91	1/2		1/2		1/2		1/2		1/2	
3/4	2,712.11	3/4	2,973.44	3/4	3,234.76	3/4	3,496.10	3/4	3,733.29	3/4		3/4		3/4		3/4		3/4	
5	2,717.55	5	2,978.88	5	3,240.20	5	3,501.54	5	3,735.67	5		5		5		5		5	
1/4	2,723.00	1/4	2,984.32	1/4	3,245.65	1/4	3,506.99	1/4	3,737.15	1/4		1/4		1/4		1/4		1/4	
1/2	2,728.44	1/2	2,989.77	1/2	3,251.09	1/2	3,512.43	1/2	3,738.62	1/2		1/2		1/2		1/2		1/2	
3/4	2,733.89	3/4	2,995.21	3/4	3,256.54	3/4	3,517.88	3/4	3,740.10	3/4		3/4		3/4		3/4		3/4	
6	2,739.33	6	3,000.65	6	3,261.98	6	3,523.32	6	3,741.57	6		6		6		6		6	
1/4	2,744.77	1/4	3,006.10	1/4	3,267.43	1/4	3,528.77	1/4	3,742.14	1/4		1/4		1/4		1/4		1/4	
1/2	2,750.22	1/2	3,011.54	1/2	3,272.87	1/2	3,534.21	1/2	3,742.71	1/2		1/2		1/2		1/2		1/2	
3/4	2,755.66	3/4	3,016.99	3/4	3,278.32	3/4	3,539.66	3/4	3,743.27	3/4		3/4		3/4		3/4		3/4	
7	2,761.10	7	3,022.43	7	3,283.76	7	3,545.10	7	3,743.84	7		7		7		7		7	
1/4	2,766.55	1/4	3,027.88	1/4	3,289.20	1/4	3,550.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,771.99	1/2	3,033.32	1/2	3,294.65	1/2	3,555.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,777.44	3/4	3,038.77	3/4	3,300.09	3/4	3,561.44	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,782.88	8	3,044.21	8	3,305.53	8	3,566.88	8		8		8		8		8		8	
1/4	2,788.33	1/4	3,049.65	1/4	3,310.98	1/4	3,572.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,793.77	1/2	3,055.10	1/2	3,316.42	1/2	3,577.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,799.22	3/4	3,060.54	3/4	3,321.87	3/4	3,583.22	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,804.66	9	3,065.98	9	3,327.31	9	3,588.66	9		9		9		9		9		9	
1/4	2,810.10	1/4	3,071.43	1/4	3,332.76	1/4	3,594.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,815.55	1/2	3,076.87	1/2	3,338.20	1/2	3,599.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,820.99	3/4	3,082.32	3/4	3,343.65	3/4	3,605.00	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,826.43	10	3,087.76	10	3,349.09	10	3,610.44	10		10		10		10		10		10	
1/4	2,831.88	1/4	3,093.21	1/4	3,354.53	1/4	3,615.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,837.32	1/2	3,098.65	1/2	3,359.98	1/2	3,621.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,842.77	3/4	3,104.10	3/4	3,365.42	3/4	3,626.78	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,848.21	11	3,109.54	11	3,370.86	11	3,632.22	11		11		11		11		11		11	
1/4	2,853.66	1/4	3,114.99	1/4	3,376.31	1/4	3,637.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,859.10	1/2	3,120.43	1/2	3,381.75	1/2	3,643.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,864.55	3/4	3,125.88	3/4	3,387.20	3/4	3,648.56	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/1999 ITS
DECK MEASUREMENTS: 06/19/2009 SW
REPRINTED: 06/19/2009 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2009

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



BARGE "WEB 223"

3 STBD INNAGE TABLE

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

GAUGE HEIGHT 14'-09 1/8"

	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.
0	8.61	0	260.02	0	520.88	0	783.00	0	1,044.83	0	1,307.06	0	1,569.28	0	1,831.50	0	2,093.73	0	2,355.95
1/4	12.14	1/4	265.47	1/4	526.34	1/4	788.46	1/4	1,050.29	1/4	1,312.52	1/4	1,574.74	1/4	1,836.97	1/4	2,099.19	1/4	2,361.41
1/2	15.67	1/2	270.92	1/2	531.81	1/2	793.91	1/2	1,055.76	1/2	1,317.99	1/2	1,580.21	1/2	1,842.43	1/2	2,104.66	1/2	2,366.88
3/4	19.19	3/4	276.36	3/4	537.27	3/4	799.37	3/4	1,061.22	3/4	1,323.45	3/4	1,585.67	3/4	1,847.90	3/4	2,110.12	3/4	2,372.34
1	22.72	1	281.81	1	542.73	1	804.82	1	1,066.68	1	1,328.91	1	1,591.13	1	1,853.36	1	2,115.58	1	2,377.80
1/4	27.80	1/4	287.26	1/4	548.19	1/4	810.27	1/4	1,072.15	1/4	1,334.37	1/4	1,596.59	1/4	1,858.82	1/4	2,121.04	1/4	2,383.27
1/2	32.89	1/2	292.71	1/2	553.66	1/2	815.73	1/2	1,077.61	1/2	1,339.84	1/2	1,602.06	1/2	1,864.29	1/2	2,126.51	1/2	2,388.73
3/4	37.97	3/4	298.15	3/4	559.12	3/4	821.18	3/4	1,083.08	3/4	1,345.30	3/4	1,607.52	3/4	1,869.75	3/4	2,131.97	3/4	2,394.20
2	43.05	2	303.60	2	564.58	2	826.63	2	1,088.54	2	1,350.76	2	1,612.98	2	1,875.21	2	2,137.43	2	2,399.66
1/4	48.36	1/4	309.05	1/4	570.04	1/4	832.09	1/4	1,094.00	1/4	1,356.22	1/4	1,618.45	1/4	1,880.67	1/4	2,142.89	1/4	2,405.12
1/2	53.68	1/2	314.50	1/2	575.51	1/2	837.54	1/2	1,099.47	1/2	1,361.69	1/2	1,623.91	1/2	1,886.14	1/2	2,148.36	1/2	2,410.59
3/4	58.99	3/4	319.94	3/4	580.97	3/4	843.00	3/4	1,104.93	3/4	1,367.15	3/4	1,629.38	3/4	1,891.60	3/4	2,153.82	3/4	2,416.05
3	64.30	3	325.39	3	586.43	3	848.45	3	1,110.39	3	1,372.61	3	1,634.84	3	1,897.06	3	2,159.28	3	2,421.51
1/4	69.68	1/4	330.84	1/4	591.90	1/4	853.90	1/4	1,115.85	1/4	1,378.07	1/4	1,640.30	1/4	1,902.52	1/4	2,164.75	1/4	2,426.97
1/2	75.05	1/2	336.29	1/2	597.36	1/2	859.36	1/2	1,121.32	1/2	1,383.54	1/2	1,645.77	1/2	1,907.99	1/2	2,170.21	1/2	2,432.44
3/4	80.43	3/4	341.73	3/4	602.83	3/4	864.81	3/4	1,126.78	3/4	1,389.00	3/4	1,651.23	3/4	1,913.45	3/4	2,175.68	3/4	2,437.90
4	85.80	4	347.18	4	608.29	4	870.26	4	1,132.24	4	1,394.46	4	1,656.69	4	1,918.91	4	2,181.14	4	2,443.36
1/4	91.24	1/4	352.60	1/4	613.75	1/4	875.71	1/4	1,137.70	1/4	1,399.93	1/4	1,662.15	1/4	1,924.37	1/4	2,186.60	1/4	2,448.82
1/2	96.68	1/2	358.02	1/2	619.22	1/2	881.17	1/2	1,143.17	1/2	1,405.39	1/2	1,667.62	1/2	1,929.84	1/2	2,192.07	1/2	2,454.29
3/4	102.12	3/4	363.44	3/4	624.68	3/4	886.62	3/4	1,148.63	3/4	1,410.86	3/4	1,673.08	3/4	1,935.30	3/4	2,197.53	3/4	2,459.75
5	107.56	5	368.86	5	630.14	5	892.07	5	1,154.09	5	1,416.32	5	1,678.54	5	1,940.76	5	2,202.99	5	2,465.21
1/4	113.00	1/4	374.27	1/4	635.60	1/4	897.53	1/4	1,159.55	1/4	1,421.78	1/4	1,684.00	1/4	1,946.23	1/4	2,208.45	1/4	2,470.67
1/2	118.44	1/2	379.68	1/2	641.07	1/2	902.98	1/2	1,165.02	1/2	1,427.25	1/2	1,689.47	1/2	1,951.69	1/2	2,213.92	1/2	2,476.14
3/4	123.87	3/4	385.09	3/4	646.53	3/4	908.44	3/4	1,170.48	3/4	1,432.71	3/4	1,694.93	3/4	1,957.16	3/4	2,219.38	3/4	2,481.60
6	129.31	6	390.50	6	651.99	6	913.89	6	1,175.94	6	1,438.17	6	1,700.39	6	1,962.62	6	2,224.84	6	2,487.06
1/4	134.75	1/4	395.91	1/4	657.45	1/4	919.34	1/4	1,181.41	1/4	1,443.63	1/4	1,705.85	1/4	1,968.08	1/4	2,230.30	1/4	2,492.53
1/2	140.19	1/2	401.32	1/2	662.92	1/2	924.80	1/2	1,186.87	1/2	1,449.10	1/2	1,711.32	1/2	1,973.55	1/2	2,235.77	1/2	2,497.99
3/4	145.63	3/4	406.73	3/4	668.38	3/4	930.25	3/4	1,192.34	3/4	1,454.56	3/4	1,716.78	3/4	1,979.01	3/4	2,241.23	3/4	2,503.46
7	151.07	7	412.14	7	673.84	7	935.70	7	1,197.80	7	1,460.02	7	1,722.24	7	1,984.47	7	2,246.69	7	2,508.92
1/4	156.51	1/4	417.55	1/4	679.30	1/4	941.16	1/4	1,203.26	1/4	1,465.48	1/4	1,727.71	1/4	1,989.93	1/4	2,252.15	1/4	2,514.38
1/2	161.96	1/2	422.96	1/2	684.77	1/2	946.61	1/2	1,208.73	1/2	1,470.95	1/2	1,733.17	1/2	1,995.40	1/2	2,257.62	1/2	2,519.85
3/4	167.40	3/4	428.37	3/4	690.23	3/4	952.07	3/4	1,214.19	3/4	1,476.41	3/4	1,738.64	3/4	2,000.86	3/4	2,263.08	3/4	2,525.31
8	172.84	8	433.78	8	695.69	8	957.52	8	1,219.65	8	1,481.87	8	1,744.10	8	2,006.32	8	2,268.54	8	2,530.77
1/4	178.29	1/4	439.19	1/4	701.15	1/4	962.97	1/4	1,225.11	1/4	1,487.33	1/4	1,749.56	1/4	2,011.78	1/4	2,274.01	1/4	2,536.23
1/2	183.74	1/2	444.60	1/2	706.61	1/2	968.43	1/2	1,230.58	1/2	1,492.80	1/2	1,755.03	1/2	2,017.25	1/2	2,279.47	1/2	2,541.70
3/4	189.19	3/4	450.01	3/4	712.07	3/4	973.88	3/4	1,236.04	3/4	1,498.26	3/4	1,760.49	3/4	2,022.71	3/4	2,284.94	3/4	2,547.16
9	194.64	9	455.42	9	717.53	9	979.33	9	1,241.50	9	1,503.72	9	1,765.95	9	2,028.17	9	2,290.40	9	2,552.62
1/4	200.09	1/4	460.86	1/4	722.99	1/4	984.79	1/4	1,246.96	1/4	1,509.19	1/4	1,771.41	1/4	2,033.63	1/4	2,295.86	1/4	2,558.08
1/2	205.54	1/2	466.30	1/2	728.45	1/2	990.24	1/2	1,252.43	1/2	1,514.65	1/2	1,776.88	1/2	2,039.10	1/2	2,301.33	1/2	2,563.55
3/4	210.99	3/4	471.73	3/4	733.91	3/4	995.70	3/4	1,257.89	3/4	1,520.12	3/4	1,782.34	3/4	2,044.56	3/4	2,306.79	3/4	2,569.01
10	216.44	10	477.17	10	739.37	10	1,001.15	10	1,263.35	10	1,525.58	10	1,787.80	10	2,050.02	10	2,312.25	10	2,574.47
1/4	221.89	1/4	482.63	1/4	744.83	1/4	1,006.61	1/4	1,268.81	1/4	1,531.04	1/4	1,793.26	1/4	2,055.49	1/4	2,317.71	1/4	2,579.93
1/2	227.34	1/2	488.10	1/2	750.28	1/2	1,012.07	1/2	1,274.28	1/2	1,536.51	1/2	1,798.73	1/2	2,060.95	1/2	2,323.18	1/2	2,585.40
3/4	232.78	3/4	493.56	3/4	755.74	3/4	1,017.52	3/4	1,279.74	3/4	1,541.97	3/4	1,804.19	3/4	2,066.42	3/4	2,328.64	3/4	2,590.86
11	238.23	11	499.02	11	761.19	11	1,022.98	11	1,285.20	11	1,547.43	11	1,809.65	11	2,071.88	11	2,334.10	11	2,596.32
1/4	243.68	1/4	504.49	1/4	766.64	1/4	1,028.44	1/4	1,290.67	1/4	1,552.89	1/4	1,815.11	1/4	2,077.34	1/4	2,339.56	1/4	2,601.79
1/2	249.13	1/2	509.95	1/2	772.10	1/2	1,033.91	1/2	1,296.13	1/2	1,558.36	1/2	1,820.58	1/2	2,082.81	1/2	2,345.03	1/2	2,607.25
3/4	254.57	3/4	515.42	3/4	777.55	3/4	1,039.37	3/4	1,301.60	3/4	1,563.82	3/4	1,826.04	3/4	2,088.27	3/4	2,350.49	3/4	2,612.72

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>

Tom Pearce



BARGE "WEB 223"

3 STBD INNAGE TABLE

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

GAUGE HEIGHT 14'-09 1/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,618.18	0	2,880.40	0	3,142.62	0	3,404.84	0	3,667.11	0		0		0		0		0	
1/4	2,623.64	1/4	2,885.86	1/4	3,148.09	1/4	3,410.31	1/4	3,672.57	1/4		1/4		1/4		1/4		1/4	
1/2	2,629.11	1/2	2,891.33	1/2	3,153.55	1/2	3,415.77	1/2	3,678.04	1/2		1/2		1/2		1/2		1/2	
3/4	2,634.57	3/4	2,896.79	3/4	3,159.02	3/4	3,421.24	3/4	3,683.50	3/4		3/4		3/4		3/4		3/4	
1	2,640.03	1	2,902.25	1	3,164.48	1	3,426.70	1	3,688.96	1		1		1		1		1	
1/4	2,645.49	1/4	2,907.71	1/4	3,169.94	1/4	3,432.16	1/4	3,694.08	1/4		1/4		1/4		1/4		1/4	
1/2	2,650.96	1/2	2,913.18	1/2	3,175.41	1/2	3,437.63	1/2	3,699.21	1/2		1/2		1/2		1/2		1/2	
3/4	2,656.42	3/4	2,918.64	3/4	3,180.87	3/4	3,443.09	3/4	3,704.33	3/4		3/4		3/4		3/4		3/4	
2	2,661.88	2	2,924.10	2	3,186.33	2	3,448.55	2	3,709.45	2		2		2		2		2	
1/4	2,667.34	1/4	2,929.57	1/4	3,191.79	1/4	3,454.02	1/4	3,713.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,672.81	1/2	2,935.03	1/2	3,197.26	1/2	3,459.48	1/2	3,717.88	1/2		1/2		1/2		1/2		1/2	
3/4	2,678.27	3/4	2,940.50	3/4	3,202.72	3/4	3,464.95	3/4	3,722.09	3/4		3/4		3/4		3/4		3/4	
3	2,683.73	3	2,945.96	3	3,208.18	3	3,470.41	3	3,726.30	3		3		3		3		3	
1/4	2,689.19	1/4	2,951.42	1/4	3,213.64	1/4	3,475.87	1/4	3,729.60	1/4		1/4		1/4		1/4		1/4	
1/2	2,694.66	1/2	2,956.89	1/2	3,219.11	1/2	3,481.34	1/2	3,732.90	1/2		1/2		1/2		1/2		1/2	
3/4	2,700.12	3/4	2,962.35	3/4	3,224.57	3/4	3,486.80	3/4	3,736.20	3/4		3/4		3/4		3/4		3/4	
4	2,705.58	4	2,967.81	4	3,230.03	4	3,492.26	4	3,739.50	4		4		4		4		4	
1/4	2,711.05	1/4	2,973.27	1/4	3,235.49	1/4	3,497.73	1/4	3,741.89	1/4		1/4		1/4		1/4		1/4	
1/2	2,716.51	1/2	2,978.74	1/2	3,240.96	1/2	3,503.19	1/2	3,744.28	1/2		1/2		1/2		1/2		1/2	
3/4	2,721.98	3/4	2,984.20	3/4	3,246.42	3/4	3,508.66	3/4	3,746.67	3/4		3/4		3/4		3/4		3/4	
5	2,727.44	5	2,989.66	5	3,251.88	5	3,514.12	5	3,749.06	5		5		5		5		5	
1/4	2,732.90	1/4	2,995.12	1/4	3,257.35	1/4	3,519.59	1/4	3,750.54	1/4		1/4		1/4		1/4		1/4	
1/2	2,738.37	1/2	3,000.59	1/2	3,262.81	1/2	3,525.05	1/2	3,752.02	1/2		1/2		1/2		1/2		1/2	
3/4	2,743.83	3/4	3,006.05	3/4	3,268.28	3/4	3,530.52	3/4	3,753.49	3/4		3/4		3/4		3/4		3/4	
6	2,749.29	6	3,011.51	6	3,273.74	6	3,535.98	6	3,754.97	6		6		6		6		6	
1/4	2,754.75	1/4	3,016.97	1/4	3,279.20	1/4	3,541.44	1/4	3,755.54	1/4		1/4		1/4		1/4		1/4	
1/2	2,760.22	1/2	3,022.44	1/2	3,284.67	1/2	3,546.91	1/2	3,756.11	1/2		1/2		1/2		1/2		1/2	
3/4	2,765.68	3/4	3,027.90	3/4	3,290.13	3/4	3,552.37	3/4	3,756.68	3/4		3/4		3/4		3/4		3/4	
7	2,771.14	7	3,033.36	7	3,295.59	7	3,557.83	7	3,757.25	7		7		7		7		7	
1/4	2,776.60	1/4	3,038.83	1/4	3,301.05	1/4	3,563.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,782.07	1/2	3,044.29	1/2	3,306.52	1/2	3,568.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,787.53	3/4	3,049.76	3/4	3,311.98	3/4	3,574.23	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,792.99	8	3,055.22	8	3,317.44	8	3,579.69	8		8		8		8		8		8	
1/4	2,798.45	1/4	3,060.68	1/4	3,322.90	1/4	3,585.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,803.92	1/2	3,066.15	1/2	3,328.37	1/2	3,590.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,809.38	3/4	3,071.61	3/4	3,333.83	3/4	3,596.08	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,814.84	9	3,077.07	9	3,339.29	9	3,601.54	9		9		9		9		9		9	
1/4	2,820.31	1/4	3,082.53	1/4	3,344.75	1/4	3,607.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,825.77	1/2	3,088.00	1/2	3,350.22	1/2	3,612.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,831.24	3/4	3,093.46	3/4	3,355.68	3/4	3,617.94	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,836.70	10	3,098.92	10	3,361.14	10	3,623.40	10		10		10		10		10		10	
1/4	2,842.16	1/4	3,104.38	1/4	3,366.60	1/4	3,628.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,847.63	1/2	3,109.85	1/2	3,372.07	1/2	3,634.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,853.09	3/4	3,115.31	3/4	3,377.53	3/4	3,639.79	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,858.55	11	3,120.77	11	3,382.99	11	3,645.25	11		11		11		11		11		11	
1/4	2,864.01	1/4	3,126.23	1/4	3,388.45	1/4	3,650.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,869.48	1/2	3,131.70	1/2	3,393.92	1/2	3,656.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,874.94	3/4	3,137.16	3/4	3,399.38	3/4	3,661.65	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/1999 ITS
DECK MEASUREMENTS: 06/19/2009 SW
REPRINTED: 06/19/2009 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2009

PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "WEB 223"

4 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-01 5/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	0.42	0	413.00	0	888.20	0	1,365.00	0	1,841.11	0	2,317.95	0	2,794.80	0	3,271.65	0	3,748.49	0	4,211.29
1/4	2.07	1/4	422.91	1/4	898.13	1/4	1,374.92	1/4	1,851.05	1/4	2,327.89	1/4	2,804.73	1/4	3,281.58	1/4	3,758.42	1/4	4,219.95
1/2	3.73	1/2	432.81	1/2	908.06	1/2	1,384.84	1/2	1,860.98	1/2	2,337.82	1/2	2,814.67	1/2	3,291.51	1/2	3,768.36	1/2	4,228.62
3/4	5.38	3/4	442.72	3/4	918.00	3/4	1,394.76	3/4	1,870.92	3/4	2,347.76	3/4	2,824.60	3/4	3,301.45	3/4	3,778.29	3/4	4,237.28
1	7.03	1	452.62	1	927.93	1	1,404.68	1	1,880.85	1	2,357.69	1	2,834.54	1	3,311.38	1	3,788.23	1	4,245.95
1/4	11.93	1/4	462.53	1/4	937.86	1/4	1,414.60	1/4	1,890.78	1/4	2,367.63	1/4	2,844.47	1/4	3,321.31	1/4	3,798.16	1/4	4,254.41
1/2	16.82	1/2	472.44	1/2	947.80	1/2	1,424.52	1/2	1,900.72	1/2	2,377.56	1/2	2,854.41	1/2	3,331.25	1/2	3,808.10	1/2	4,262.88
3/4	21.72	3/4	482.34	3/4	957.73	3/4	1,434.43	3/4	1,910.65	3/4	2,387.50	3/4	2,864.34	3/4	3,341.18	3/4	3,818.03	3/4	4,271.34
2	26.61	2	492.25	2	967.67	2	1,444.35	2	1,920.58	2	2,397.43	2	2,874.28	2	3,351.12	2	3,827.97	2	4,279.81
1/4	34.61	1/4	502.19	1/4	977.60	1/4	1,454.27	1/4	1,930.52	1/4	2,407.37	1/4	2,884.21	1/4	3,361.05	1/4	3,837.90	1/4	4,288.18
1/2	42.61	1/2	512.12	1/2	987.54	1/2	1,464.19	1/2	1,940.45	1/2	2,417.30	1/2	2,894.14	1/2	3,370.99	1/2	3,847.84	1/2	4,296.55
3/4	50.60	3/4	522.06	3/4	997.47	3/4	1,474.11	3/4	1,950.39	3/4	2,427.24	3/4	2,904.08	3/4	3,380.92	3/4	3,857.77	3/4	4,304.93
3	58.60	3	531.99	3	1,007.41	3	1,484.03	3	1,960.32	3	2,437.17	3	2,914.01	3	3,390.86	3	3,867.71	3	4,313.30
1/4	68.26	1/4	541.92	1/4	1,017.35	1/4	1,493.95	1/4	1,970.26	1/4	2,447.10	1/4	2,923.94	1/4	3,400.79	1/4	3,877.64	1/4	4,321.67
1/2	77.92	1/2	551.86	1/2	1,027.28	1/2	1,503.87	1/2	1,980.19	1/2	2,457.04	1/2	2,933.88	1/2	3,410.73	1/2	3,887.57	1/2	4,330.04
3/4	87.57	3/4	561.79	3/4	1,037.22	3/4	1,513.78	3/4	1,990.13	3/4	2,466.97	3/4	2,943.81	3/4	3,420.66	3/4	3,897.51	3/4	4,338.42
4	97.23	4	571.72	4	1,047.15	4	1,523.70	4	2,000.06	4	2,476.90	4	2,953.75	4	3,430.60	4	3,907.44	4	4,346.79
1/4	106.89	1/4	581.66	1/4	1,057.09	1/4	1,533.62	1/4	2,009.99	1/4	2,486.84	1/4	2,963.68	1/4	3,440.53	1/4	3,917.37	1/4	4,355.16
1/2	116.54	1/2	591.59	1/2	1,067.02	1/2	1,543.54	1/2	2,019.93	1/2	2,496.77	1/2	2,973.62	1/2	3,450.46	1/2	3,927.31	1/2	4,363.53
3/4	126.20	3/4	601.53	3/4	1,076.96	3/4	1,553.46	3/4	2,029.86	3/4	2,506.71	3/4	2,983.55	3/4	3,460.40	3/4	3,937.24	3/4	4,371.91
5	135.85	5	611.46	5	1,086.89	5	1,563.38	5	2,039.79	5	2,516.64	5	2,993.49	5	3,470.33	5	3,947.18	5	4,380.28
1/4	145.74	1/4	621.38	1/4	1,096.83	1/4	1,573.30	1/4	2,049.73	1/4	2,526.58	1/4	3,003.42	1/4	3,480.26	1/4	3,957.11	1/4	4,388.65
1/2	155.63	1/2	631.30	1/2	1,106.76	1/2	1,583.22	1/2	2,059.66	1/2	2,536.51	1/2	3,013.35	1/2	3,490.20	1/2	3,967.05	1/2	4,397.02
3/4	165.52	3/4	641.21	3/4	1,116.70	3/4	1,593.13	3/4	2,069.60	3/4	2,546.45	3/4	3,023.29	3/4	3,500.13	3/4	3,976.98	3/4	4,405.40
6	175.41	6	651.13	6	1,126.63	6	1,603.05	6	2,079.53	6	2,556.38	6	3,033.22	6	3,510.07	6	3,986.92	6	4,413.77
1/4	185.30	1/4	661.00	1/4	1,136.57	1/4	1,612.97	1/4	2,089.47	1/4	2,566.31	1/4	3,043.15	1/4	3,520.00	1/4	3,996.75	1/4	4,422.14
1/2	195.19	1/2	670.87	1/2	1,146.50	1/2	1,622.89	1/2	2,099.40	1/2	2,576.25	1/2	3,053.09	1/2	3,529.94	1/2	4,006.59	1/2	4,430.52
3/4	205.08	3/4	680.73	3/4	1,156.44	3/4	1,632.81	3/4	2,109.34	3/4	2,586.18	3/4	3,063.02	3/4	3,539.87	3/4	4,016.42	3/4	4,438.89
7	214.97	7	690.60	7	1,166.37	7	1,642.73	7	2,119.27	7	2,596.11	7	3,072.96	7	3,549.81	7	4,026.26	7	4,447.27
1/4	224.86	1/4	700.47	1/4	1,176.30	1/4	1,652.65	1/4	2,129.21	1/4	2,606.05	1/4	3,082.89	1/4	3,559.74	1/4	4,035.90	1/4	4,455.64
1/2	234.75	1/2	710.33	1/2	1,186.24	1/2	1,662.57	1/2	2,139.14	1/2	2,615.98	1/2	3,092.83	1/2	3,569.67	1/2	4,045.54	1/2	4,464.02
3/4	244.64	3/4	720.20	3/4	1,196.17	3/4	1,672.49	3/4	2,149.08	3/4	2,625.91	3/4	3,102.76	3/4	3,579.61	3/4	4,055.19	3/4	4,472.39
8	254.53	8	730.06	8	1,206.10	8	1,682.41	8	2,159.01	8	2,635.85	8	3,112.70	8	3,589.54	8	4,064.83	8	4,480.76
1/4	264.42	1/4	739.93	1/4	1,216.03	1/4	1,692.33	1/4	2,168.94	1/4	2,645.78	1/4	3,122.63	1/4	3,599.47	1/4	4,074.28	1/4	4,489.13
1/2	274.31	1/2	749.80	1/2	1,225.96	1/2	1,702.25	1/2	2,178.88	1/2	2,655.72	1/2	3,132.57	1/2	3,609.41	1/2	4,083.72	1/2	4,497.51
3/4	284.20	3/4	759.66	3/4	1,235.89	3/4	1,712.17	3/4	2,188.81	3/4	2,665.65	3/4	3,142.50	3/4	3,619.34	3/4	4,093.17	3/4	4,505.88
9	294.09	9	769.53	9	1,245.82	9	1,722.09	9	2,198.74	9	2,675.59	9	3,152.44	9	3,629.28	9	4,102.62	9	4,514.25
1/4	304.00	1/4	779.40	1/4	1,255.75	1/4	1,731.96	1/4	2,208.68	1/4	2,685.52	1/4	3,162.37	1/4	3,639.21	1/4	4,111.87	1/4	4,522.62
1/2	313.91	1/2	789.26	1/2	1,265.68	1/2	1,741.88	1/2	2,218.61	1/2	2,695.46	1/2	3,172.30	1/2	3,649.15	1/2	4,121.12	1/2	4,531.00
3/4	323.82	3/4	799.13	3/4	1,275.61	3/4	1,751.80	3/4	2,228.55	3/4	2,705.39	3/4	3,182.24	3/4	3,659.08	3/4	4,130.37	3/4	4,539.37
10	333.73	10	808.99	10	1,285.54	10	1,761.72	10	2,238.48	10	2,715.33	10	3,192.17	10	3,669.02	10	4,139.62	10	4,547.74
1/4	343.64	1/4	818.86	1/4	1,295.48	1/4	1,771.68	1/4	2,248.42	1/4	2,725.26	1/4	3,202.10	1/4	3,678.95	1/4	4,148.67	1/4	4,556.11
1/2	353.55	1/2	828.72	1/2	1,305.41	1/2	1,781.60	1/2	2,258.35	1/2	2,735.19	1/2	3,212.04	1/2	3,688.89	1/2	4,157.73	1/2	4,564.49
3/4	363.46	3/4	838.59	3/4	1,315.35	3/4	1,791.51	3/4	2,268.29	3/4	2,745.13	3/4	3,221.97	3/4	3,698.82	3/4	4,166.78	3/4	4,572.86
11	373.37	11	848.46	11	1,325.28	11	1,801.43	11	2,278.22	11	2,755.06	11	3,231.91	11	3,708.76	11	4,175.84	11	4,581.23
1/4	383.28	1/4	858.39	1/4	1,335.21	1/4	1,811.35	1/4	2,288.15	1/4	2,764.99	1/4	3,241.84	1/4	3,718.69	1/4	4,184.70	1/4	4,589.60
1/2	393.19	1/2	868.33	1/2	1,345.14	1/2	1,821.27	1/2	2,298.09	1/2	2,774.93	1/2	3,251.78	1/2	3,728.62	1/2	4,193.56	1/2	4,597.98
3/4	403.09	3/4	878.26	3/4	1,355.07	3/4	1,831.19	3/4	2,308.02	3/4	2,784.86	3/4	3,261.71	3/4	3,738.56	3/4	4,202.43	3/4	4,606.35

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 46'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "WEB 223"

4 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-01 5/8"

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	4,614.72	0	5,019.62	0	5,228.12	0	5,370.74	0	5,513.44	0		0		0		0		0	
1/4	4,623.10	1/4	5,028.63	1/4	5,231.09	1/4	5,373.71	1/4	5,516.41	1/4		1/4		1/4		1/4		1/4	
1/2	4,631.47	1/2	5,037.64	1/2	5,234.07	1/2	5,376.69	1/2	5,519.39	1/2		1/2		1/2		1/2		1/2	
3/4	4,639.85	3/4	5,046.64	3/4	5,237.04	3/4	5,379.66	3/4	5,522.36	3/4		3/4		3/4		3/4		3/4	
1	4,648.22	1	5,055.65	1	5,240.01	1	5,382.63	1	5,525.33	1		1		1		1		1	
1/4	4,656.59	1/4	5,064.86	1/4	5,242.98	1/4	5,385.60	1/4	5,528.30	1/4		1/4		1/4		1/4		1/4	
1/2	4,664.97	1/2	5,074.06	1/2	5,245.95	1/2	5,388.57	1/2	5,531.28	1/2		1/2		1/2		1/2		1/2	
3/4	4,673.34	3/4	5,083.27	3/4	5,248.92	3/4	5,391.54	3/4	5,534.25	3/4		3/4		3/4		3/4		3/4	
2	4,681.71	2	5,092.47	2	5,251.89	2	5,394.51	2	5,537.22	2		2		2		2		2	
1/4	4,690.08	1/4	5,100.13	1/4	5,254.86	1/4	5,397.49	1/4	5,540.10	1/4		1/4		1/4		1/4		1/4	
1/2	4,698.46	1/2	5,107.79	1/2	5,257.84	1/2	5,400.46	1/2	5,542.98	1/2		1/2		1/2		1/2		1/2	
3/4	4,706.83	3/4	5,115.45	3/4	5,260.81	3/4	5,403.44	3/4	5,545.85	3/4		3/4		3/4		3/4		3/4	
3	4,715.20	3	5,123.11	3	5,263.78	3	5,406.41	3	5,548.73	3		3		3		3		3	
1/4	4,723.57	1/4	5,125.74	1/4	5,266.75	1/4	5,409.38	1/4	5,551.12	1/4		1/4		1/4		1/4		1/4	
1/2	4,731.95	1/2	5,128.37	1/2	5,269.72	1/2	5,412.36	1/2	5,553.51	1/2		1/2		1/2		1/2		1/2	
3/4	4,740.32	3/4	5,131.00	3/4	5,272.69	3/4	5,415.33	3/4	5,555.90	3/4		3/4		3/4		3/4		3/4	
4	4,748.69	4	5,133.63	4	5,275.66	4	5,418.30	4	5,558.29	4		4		4		4		4	
1/4	4,757.06	1/4	5,136.45	1/4	5,278.63	1/4	5,421.27	1/4	5,560.16	1/4		1/4		1/4		1/4		1/4	
1/2	4,765.44	1/2	5,139.28	1/2	5,281.61	1/2	5,424.25	1/2	5,562.04	1/2		1/2		1/2		1/2		1/2	
3/4	4,773.81	3/4	5,142.10	3/4	5,284.58	3/4	5,427.22	3/4	5,563.91	3/4		3/4		3/4		3/4		3/4	
5	4,782.18	5	5,144.92	5	5,287.55	5	5,430.19	5	5,565.78	5		5		5		5		5	
1/4	4,790.55	1/4	5,147.89	1/4	5,290.52	1/4	5,433.16	1/4	5,567.14	1/4		1/4		1/4		1/4		1/4	
1/2	4,798.93	1/2	5,150.87	1/2	5,293.49	1/2	5,436.14	1/2	5,568.50	1/2		1/2		1/2		1/2		1/2	
3/4	4,807.30	3/4	5,153.84	3/4	5,296.46	3/4	5,439.11	3/4	5,569.85	3/4		3/4		3/4		3/4		3/4	
6	4,815.67	6	5,156.81	6	5,299.43	6	5,442.08	6	5,571.21	6		6		6		6		6	
1/4	4,824.04	1/4	5,159.78	1/4	5,302.40	1/4	5,445.05	1/4	5,572.05	1/4		1/4		1/4		1/4		1/4	
1/2	4,832.42	1/2	5,162.76	1/2	5,305.38	1/2	5,448.03	1/2	5,572.89	1/2		1/2		1/2		1/2		1/2	
3/4	4,840.79	3/4	5,165.73	3/4	5,308.35	3/4	5,451.00	3/4	5,573.72	3/4		3/4		3/4		3/4		3/4	
7	4,849.16	7	5,168.70	7	5,311.32	7	5,453.97	7	5,574.56	7		7		7		7		7	
1/4	4,857.54	1/4	5,171.67	1/4	5,314.29	1/4	5,456.95	1/4	5,574.88	1/4		1/4		1/4		1/4		1/4	
1/2	4,865.91	1/2	5,174.64	1/2	5,317.26	1/2	5,459.92	1/2	5,575.21	1/2		1/2		1/2		1/2		1/2	
3/4	4,874.29	3/4	5,177.61	3/4	5,320.23	3/4	5,462.90	3/4	5,575.53	3/4		3/4		3/4		3/4		3/4	
8	4,882.66	8	5,180.58	8	5,323.20	8	5,465.87	8	5,575.85	8		8		8		8		8	
1/4	4,891.04	1/4	5,183.55	1/4	5,326.17	1/4	5,468.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,899.41	1/2	5,186.53	1/2	5,329.15	1/2	5,471.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,907.79	3/4	5,189.50	3/4	5,332.12	3/4	5,474.79	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,916.16	9	5,192.47	9	5,335.09	9	5,477.76	9		9		9		9		9		9	
1/4	4,924.59	1/4	5,195.44	1/4	5,338.06	1/4	5,480.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,933.02	1/2	5,198.41	1/2	5,341.03	1/2	5,483.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,941.45	3/4	5,201.38	3/4	5,344.00	3/4	5,486.68	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,949.88	10	5,204.35	10	5,346.97	10	5,489.65	10		10		10		10		10		10	
1/4	4,958.50	1/4	5,207.32	1/4	5,349.94	1/4	5,492.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,967.12	1/2	5,210.30	1/2	5,352.92	1/2	5,495.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,975.74	3/4	5,213.27	3/4	5,355.89	3/4	5,498.57	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,984.36	11	5,216.24	11	5,358.86	11	5,501.54	11		11		11		11		11		11	
1/4	4,993.18	1/4	5,219.21	1/4	5,361.83	1/4	5,504.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,001.99	1/2	5,222.18	1/2	5,364.80	1/2	5,507.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,010.81	3/4	5,225.15	3/4	5,367.77	3/4	5,510.47	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/1999 ITS
DECK MEASUREMENTS: 06/19/2009 SW
REPRINTED: 06/19/2009 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2009

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



BARGE "WEB 223"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-00 3/8"

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	68	0	2,672	0	5,277	0	7,884	0	10,487	0		0		0		0		0	
1/4	122	1/4	2,726	1/4	5,331	1/4	7,938	1/4	10,542	1/4		1/4		1/4		1/4		1/4	
1/2	176	1/2	2,780	1/2	5,385	1/2	7,992	1/2	10,596	1/2		1/2		1/2		1/2		1/2	
3/4	231	3/4	2,834	3/4	5,440	3/4	8,046	3/4	10,650	3/4		3/4		3/4		3/4		3/4	
1	285	1	2,889	1	5,494	1	8,101	1	10,704	1		1		1		1		1	
1/4	339	1/4	2,943	1/4	5,548	1/4	8,155	1/4	10,759	1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	2,997	1/2	5,603	1/2	8,209	1/2	10,813	1/2		1/2		1/2		1/2		1/2	
3/4	448	3/4	3,051	3/4	5,657	3/4	8,263	3/4	10,867	3/4		3/4		3/4		3/4		3/4	
2	502	2	3,105	2	5,711	2	8,318	2	10,921	2		2		2		2		2	
1/4	556	1/4	3,160	1/4	5,766	1/4	8,372	1/4	10,976	1/4		1/4		1/4		1/4		1/4	
1/2	610	1/2	3,214	1/2	5,820	1/2	8,426	1/2	11,030	1/2		1/2		1/2		1/2		1/2	
3/4	665	3/4	3,268	3/4	5,874	3/4	8,480	3/4	11,084	3/4		3/4		3/4		3/4		3/4	
3	719	3	3,322	3	5,928	3	8,535	3	11,138	3		3		3		3		3	
1/4	773	1/4	3,377	1/4	5,983	1/4	8,589	1/4	11,193	1/4		1/4		1/4		1/4		1/4	
1/2	827	1/2	3,431	1/2	6,037	1/2	8,643	1/2	11,247	1/2		1/2		1/2		1/2		1/2	
3/4	882	3/4	3,485	3/4	6,091	3/4	8,697	3/4	11,301	3/4		3/4		3/4		3/4		3/4	
4	936	4	3,539	4	6,146	4	8,752	4	11,355	4		4		4		4		4	
1/4	990	1/4	3,594	1/4	6,200	1/4	8,806	1/4	11,409	1/4		1/4		1/4		1/4		1/4	
1/2	1,044	1/2	3,648	1/2	6,254	1/2	8,860	1/2	11,464	1/2		1/2		1/2		1/2		1/2	
3/4	1,099	3/4	3,702	3/4	6,309	3/4	8,914	3/4	11,518	3/4		3/4		3/4		3/4		3/4	
5	1,153	5	3,756	5	6,363	5	8,969	5	11,572	5		5		5		5		5	
1/4	1,207	1/4	3,811	1/4	6,417	1/4	9,023	1/4	11,626	1/4		1/4		1/4		1/4		1/4	
1/2	1,261	1/2	3,865	1/2	6,472	1/2	9,077	1/2	11,681	1/2		1/2		1/2		1/2		1/2	
3/4	1,315	3/4	3,919	3/4	6,526	3/4	9,131	3/4	11,735	3/4		3/4		3/4		3/4		3/4	
6	1,370	6	3,973	6	6,580	6	9,186	6	=====	6		6		6		6		6	
1/4	1,424	1/4	4,028	1/4	6,635	1/4	9,240	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,478	1/2	4,082	1/2	6,689	1/2	9,294	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,532	3/4	4,136	3/4	6,743	3/4	9,348	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,587	7	4,190	7	6,798	7	9,403	7		7		7		7		7		7	
1/4	1,641	1/4	4,245	1/4	6,852	1/4	9,457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,695	1/2	4,299	1/2	6,906	1/2	9,511	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,749	3/4	4,353	3/4	6,961	3/4	9,565	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,804	8	4,408	8	7,015	8	9,619	8		8		8		8		8		8	
1/4	1,858	1/4	4,462	1/4	7,069	1/4	9,674	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,912	1/2	4,516	1/2	7,123	1/2	9,728	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,966	3/4	4,570	3/4	7,178	3/4	9,782	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,021	9	4,625	9	7,232	9	9,836	9		9		9		9		9		9	
1/4	2,075	1/4	4,679	1/4	7,286	1/4	9,891	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,129	1/2	4,733	1/2	7,341	1/2	9,945	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,183	3/4	4,788	3/4	7,395	3/4	9,999	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,238	10	4,842	10	7,449	10	10,053	10		10		10		10		10		10	
1/4	2,292	1/4	4,896	1/4	7,504	1/4	10,108	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,346	1/2	4,951	1/2	7,558	1/2	10,162	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,400	3/4	5,005	3/4	7,612	3/4	10,216	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,455	11	5,059	11	7,667	11	10,270	11		11		11		11		11		11	
1/4	2,509	1/4	5,114	1/4	7,721	1/4	10,325	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,563	1/2	5,168	1/2	7,775	1/2	10,379	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,617	3/4	5,222	3/4	7,829	3/4	10,433	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK
 GAUGE POINT: 2" GAUGE PIPE LOCATED 12" FROM PORT SIDE OF TANK.

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 REPRINTED: 06/19/09 SW

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