



BARGE "DBL 83"

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	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 CENTER	- 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 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2

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

LENGTH BETWEEN DRAFT MARKS: 166'-00"

February 16, 2011

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

<http://www.pmacorp.net>



BARGE "DBL 83"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	3.26	0	240.99	0	496.11	0	749.01	0	1,005.48	0	1,261.83	0	1,518.01	0	1,774.62	0	2,031.24	0	2,287.85
1/4	5.40	1/4	246.34	1/4	501.33	1/4	754.36	1/4	1,010.82	1/4	1,267.16	1/4	1,523.36	1/4	1,779.97	1/4	2,036.58	1/4	2,293.20
1/2	7.54	1/2	251.68	1/2	506.55	1/2	759.70	1/2	1,016.16	1/2	1,272.49	1/2	1,528.70	1/2	1,785.32	1/2	2,041.93	1/2	2,298.54
3/4	9.69	3/4	257.03	3/4	511.76	3/4	765.04	3/4	1,021.51	3/4	1,277.82	3/4	1,534.05	3/4	1,790.66	3/4	2,047.28	3/4	2,303.89
1	11.83	1	262.38	1	516.98	1	770.39	1	1,026.85	1	1,283.15	1	1,539.40	1	1,796.01	1	2,052.62	1	2,309.23
1/4	15.95	1/4	267.73	1/4	522.19	1/4	775.73	1/4	1,032.19	1/4	1,288.49	1/4	1,544.74	1/4	1,801.35	1/4	2,057.97	1/4	2,314.58
1/2	20.07	1/2	273.08	1/2	527.41	1/2	781.07	1/2	1,037.54	1/2	1,293.82	1/2	1,550.09	1/2	1,806.70	1/2	2,063.31	1/2	2,319.93
3/4	24.18	3/4	278.43	3/4	532.62	3/4	786.42	3/4	1,042.88	3/4	1,299.15	3/4	1,555.43	3/4	1,812.05	3/4	2,068.66	3/4	2,325.27
2	28.30	2	283.77	2	537.84	2	791.76	2	1,048.22	2	1,304.48	2	1,560.78	2	1,817.39	2	2,074.01	2	2,330.62
1/4	33.44	1/4	289.12	1/4	543.05	1/4	797.10	1/4	1,053.57	1/4	1,309.81	1/4	1,566.13	1/4	1,822.74	1/4	2,079.35	1/4	2,335.96
1/2	38.59	1/2	294.47	1/2	548.27	1/2	802.44	1/2	1,058.91	1/2	1,315.15	1/2	1,571.47	1/2	1,828.09	1/2	2,084.70	1/2	2,341.31
3/4	43.74	3/4	299.82	3/4	553.48	3/4	807.79	3/4	1,064.25	3/4	1,320.48	3/4	1,576.82	3/4	1,833.43	3/4	2,090.04	3/4	2,346.66
3	48.88	3	305.17	3	558.70	3	813.13	3	1,069.59	3	1,325.81	3	1,582.16	3	1,838.78	3	2,095.39	3	2,352.00
1/4	54.17	1/4	310.51	1/4	563.91	1/4	818.47	1/4	1,074.94	1/4	1,331.14	1/4	1,587.51	1/4	1,844.12	1/4	2,100.74	1/4	2,357.35
1/2	59.47	1/2	315.86	1/2	569.13	1/2	823.82	1/2	1,080.28	1/2	1,336.47	1/2	1,592.86	1/2	1,849.47	1/2	2,106.08	1/2	2,362.70
3/4	64.76	3/4	321.21	3/4	574.34	3/4	829.16	3/4	1,085.62	3/4	1,341.80	3/4	1,598.20	3/4	1,854.82	3/4	2,111.43	3/4	2,368.04
4	70.05	4	326.56	4	579.56	4	834.50	4	1,090.97	4	1,347.14	4	1,603.55	4	1,860.16	4	2,116.77	4	2,373.39
1/4	75.37	1/4	331.91	1/4	584.77	1/4	839.85	1/4	1,096.31	1/4	1,352.47	1/4	1,608.89	1/4	1,865.51	1/4	2,122.12	1/4	2,378.73
1/2	80.69	1/2	337.25	1/2	589.99	1/2	845.19	1/2	1,101.65	1/2	1,357.80	1/2	1,614.24	1/2	1,870.85	1/2	2,127.47	1/2	2,384.08
3/4	86.01	3/4	342.60	3/4	595.21	3/4	850.53	3/4	1,107.00	3/4	1,363.13	3/4	1,619.59	3/4	1,876.20	3/4	2,132.81	3/4	2,389.43
5	91.33	5	347.95	5	600.42	5	855.87	5	1,112.34	5	1,368.46	5	1,624.93	5	1,881.55	5	2,138.16	5	2,394.77
1/4	96.67	1/4	353.30	1/4	605.64	1/4	861.22	1/4	1,117.68	1/4	1,373.79	1/4	1,630.28	1/4	1,886.89	1/4	2,143.50	1/4	2,400.12
1/2	102.00	1/2	358.65	1/2	610.85	1/2	866.56	1/2	1,123.02	1/2	1,379.13	1/2	1,635.63	1/2	1,892.24	1/2	2,148.85	1/2	2,405.46
3/4	107.33	3/4	363.99	3/4	616.07	3/4	871.90	3/4	1,128.37	3/4	1,384.46	3/4	1,640.97	3/4	1,897.58	3/4	2,154.20	3/4	2,410.81
6	112.67	6	369.34	6	621.28	6	877.25	6	1,133.71	6	1,389.79	6	1,646.32	6	1,902.93	6	2,159.54	6	2,416.16
1/4	118.01	1/4	374.69	1/4	626.53	1/4	882.59	1/4	1,139.05	1/4	1,395.12	1/4	1,651.66	1/4	1,908.28	1/4	2,164.89	1/4	2,421.50
1/2	123.35	1/2	380.04	1/2	631.78	1/2	887.93	1/2	1,144.40	1/2	1,400.45	1/2	1,657.01	1/2	1,913.62	1/2	2,170.24	1/2	2,426.85
3/4	128.69	3/4	385.39	3/4	637.03	3/4	893.28	3/4	1,149.74	3/4	1,405.78	3/4	1,662.36	3/4	1,918.97	3/4	2,175.58	3/4	2,432.19
7	134.03	7	390.74	7	642.28	7	898.62	7	1,155.08	7	1,411.12	7	1,667.70	7	1,924.31	7	2,180.93	7	2,437.54
1/4	139.38	1/4	396.08	1/4	647.59	1/4	903.96	1/4	1,160.43	1/4	1,416.46	1/4	1,673.05	1/4	1,929.66	1/4	2,186.27	1/4	2,442.89
1/2	144.73	1/2	401.43	1/2	652.90	1/2	909.30	1/2	1,165.77	1/2	1,421.79	1/2	1,678.39	1/2	1,935.01	1/2	2,191.62	1/2	2,448.23
3/4	150.07	3/4	406.78	3/4	658.21	3/4	914.65	3/4	1,171.11	3/4	1,427.13	3/4	1,683.74	3/4	1,940.35	3/4	2,196.97	3/4	2,453.58
8	155.42	8	412.13	8	663.53	8	919.99	8	1,176.45	8	1,432.47	8	1,689.09	8	1,945.70	8	2,202.31	8	2,458.92
1/4	160.77	1/4	417.44	1/4	668.87	1/4	925.33	1/4	1,181.80	1/4	1,437.82	1/4	1,694.43	1/4	1,951.05	1/4	2,207.66	1/4	2,464.27
1/2	166.12	1/2	422.76	1/2	674.21	1/2	930.68	1/2	1,187.14	1/2	1,443.17	1/2	1,699.78	1/2	1,956.39	1/2	2,213.00	1/2	2,469.62
3/4	171.46	3/4	428.07	3/4	679.56	3/4	936.02	3/4	1,192.48	3/4	1,448.51	3/4	1,705.12	3/4	1,961.74	3/4	2,218.35	3/4	2,474.96
9	176.81	9	433.39	9	684.90	9	941.36	9	1,197.83	9	1,453.86	9	1,710.47	9	1,967.08	9	2,223.70	9	2,480.31
1/4	182.16	1/4	438.64	1/4	690.24	1/4	946.71	1/4	1,203.16	1/4	1,459.20	1/4	1,715.82	1/4	1,972.43	1/4	2,229.04	1/4	2,485.66
1/2	187.51	1/2	443.89	1/2	695.58	1/2	952.05	1/2	1,208.50	1/2	1,464.55	1/2	1,721.16	1/2	1,977.78	1/2	2,234.39	1/2	2,491.00
3/4	192.86	3/4	449.14	3/4	700.93	3/4	957.39	3/4	1,213.84	3/4	1,469.90	3/4	1,726.51	3/4	1,983.12	3/4	2,239.73	3/4	2,496.35
10	198.20	10	454.39	10	706.27	10	962.73	10	1,219.17	10	1,475.24	10	1,731.86	10	1,988.47	10	2,245.08	10	2,501.69
1/4	203.55	1/4	459.61	1/4	711.61	1/4	968.08	1/4	1,224.51	1/4	1,480.59	1/4	1,737.20	1/4	1,993.81	1/4	2,250.43	1/4	2,507.04
1/2	208.90	1/2	464.82	1/2	716.96	1/2	973.42	1/2	1,229.84	1/2	1,485.93	1/2	1,742.55	1/2	1,999.16	1/2	2,255.77	1/2	2,512.39
3/4	214.25	3/4	470.04	3/4	722.30	3/4	978.76	3/4	1,235.17	3/4	1,491.28	3/4	1,747.89	3/4	2,004.51	3/4	2,261.12	3/4	2,517.73
11	219.60	11	475.25	11	727.64	11	984.11	11	1,240.50	11	1,496.63	11	1,753.24	11	2,009.85	11	2,266.47	11	2,523.08
1/4	224.94	1/4	480.47	1/4	732.99	1/4	989.45	1/4	1,245.83	1/4	1,501.97	1/4	1,758.59	1/4	2,015.20	1/4	2,271.81	1/4	2,528.07
1/2	230.29	1/2	485.68	1/2	738.33	1/2	994.79	1/2	1,251.16	1/2	1,507.32	1/2	1,763.93	1/2	2,020.54	1/2	2,277.16	1/2	2,533.07
3/4	235.64	3/4	490.90	3/4	743.67	3/4	1,000.14	3/4	1,256.50	3/4	1,512.67	3/4	1,769.28	3/4	2,025.89	3/4	2,282.50	3/4	2,538.06

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 26'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 83"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,543.05	0	2,766.47	0	2,990.05	0	3,213.63	0	3,434.72	0		0		0		0		0	
1/4	2,547.70	1/4	2,771.13	1/4	2,994.71	1/4	3,218.29	1/4	3,435.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,552.35	1/2	2,775.79	1/2	2,999.36	1/2	3,222.94	1/2	3,437.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,556.99	3/4	2,780.44	3/4	3,004.02	3/4	3,227.60	3/4	3,438.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,561.64	1	2,785.10	1	3,008.68	1	3,232.26	1		1	1	1	1	1	1	1	1	1	1
1/4	2,566.29	1/4	2,789.76	1/4	3,013.34	1/4	3,236.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,570.93	1/2	2,794.42	1/2	3,018.00	1/2	3,241.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,575.58	3/4	2,799.07	3/4	3,022.65	3/4	3,246.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,580.22	2	2,803.73	2	3,027.31	2	3,250.89	2		2	2	2	2	2	2	2	2	2	2
1/4	2,584.87	1/4	2,808.39	1/4	3,031.97	1/4	3,255.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,589.52	1/2	2,813.05	1/2	3,036.63	1/2	3,260.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,594.16	3/4	2,817.71	3/4	3,041.29	3/4	3,264.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,598.81	3	2,822.36	3	3,045.94	3	3,269.53	3		3	3	3	3	3	3	3	3	3	3
1/4	2,603.46	1/4	2,827.02	1/4	3,050.60	1/4	3,274.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,608.11	1/2	2,831.68	1/2	3,055.26	1/2	3,278.85	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,612.76	3/4	2,836.34	3/4	3,059.92	3/4	3,283.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,617.42	4	2,841.00	4	3,064.58	4	3,288.17	4		4	4	4	4	4	4	4	4	4	4
1/4	2,622.07	1/4	2,845.65	1/4	3,069.23	1/4	3,292.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,626.73	1/2	2,850.31	1/2	3,073.89	1/2	3,297.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,631.39	3/4	2,854.97	3/4	3,078.55	3/4	3,302.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,636.05	5	2,859.63	5	3,083.21	5	3,306.82	5		5	5	5	5	5	5	5	5	5	5
1/4	2,640.71	1/4	2,864.29	1/4	3,087.86	1/4	3,311.47	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,645.36	1/2	2,868.94	1/2	3,092.52	1/2	3,316.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,650.02	3/4	2,873.60	3/4	3,097.18	3/4	3,320.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,654.68	6	2,878.26	6	3,101.84	6	3,325.44	6		6	6	6	6	6	6	6	6	6	6
1/4	2,659.34	1/4	2,882.92	1/4	3,106.50	1/4	3,330.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,664.00	1/2	2,887.58	1/2	3,111.15	1/2	3,334.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,668.65	3/4	2,892.23	3/4	3,115.81	3/4	3,339.38	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	2,673.31	7	2,896.89	7	3,120.47	7	3,344.03	7		7	7	7	7	7	7	7	7	7	7
1/4	2,677.97	1/4	2,901.55	1/4	3,125.13	1/4	3,349.01	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,682.63	1/2	2,906.21	1/2	3,129.79	1/2	3,353.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,687.29	3/4	2,910.86	3/4	3,134.44	3/4	3,358.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	2,691.94	8	2,915.52	8	3,139.10	8	3,363.94	8		8	8	8	8	8	8	8	8	8	8
1/4	2,696.60	1/4	2,920.18	1/4	3,143.76	1/4	3,369.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,701.26	1/2	2,924.84	1/2	3,148.42	1/2	3,374.55	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,705.92	3/4	2,929.50	3/4	3,153.08	3/4	3,379.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	2,710.57	9	2,934.15	9	3,157.73	9	3,385.15	9		9	9	9	9	9	9	9	9	9	9
1/4	2,715.23	1/4	2,938.81	1/4	3,162.39	1/4	3,390.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,719.89	1/2	2,943.47	1/2	3,167.05	1/2	3,395.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,724.55	3/4	2,948.13	3/4	3,171.71	3/4	3,400.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	2,729.21	10	2,952.79	10	3,176.36	10	3,406.11	10		10	10	10	10	10	10	10	10	10	10
1/4	2,733.86	1/4	2,957.44	1/4	3,181.02	1/4	3,410.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,738.52	1/2	2,962.10	1/2	3,185.68	1/2	3,415.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,743.18	3/4	2,966.76	3/4	3,190.34	3/4	3,419.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,747.84	11	2,971.42	11	3,195.00	11	3,424.00	11		11	11	11	11	11	11	11	11	11	11
1/4	2,752.50	1/4	2,976.08	1/4	3,199.65	1/4	3,428.68	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,757.15	1/2	2,980.73	1/2	3,204.31	1/2	3,429.36	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,761.81	3/4	2,985.39	3/4	3,208.97	3/4	3,432.04	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 11/26/2008 CL - SW
CALCULATED: 11/27/2008 CL
REPRINTED: 02/16/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2008

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 83"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	3.51	0	269.85	0	555.63	0	838.68	0	1,126.52	0	1,414.36	0	1,702.20	0	1,990.03	0	2,277.87	0	2,565.71
1/4	5.91	1/4	275.85	1/4	561.46	1/4	844.68	1/4	1,132.52	1/4	1,420.35	1/4	1,708.19	1/4	1,996.03	1/4	2,283.87	1/4	2,571.70
1/2	8.31	1/2	281.84	1/2	567.28	1/2	850.68	1/2	1,138.51	1/2	1,426.35	1/2	1,714.19	1/2	2,002.03	1/2	2,289.86	1/2	2,577.70
3/4	10.71	3/4	287.84	3/4	573.11	3/4	856.67	3/4	1,144.51	3/4	1,432.35	3/4	1,720.18	3/4	2,008.02	3/4	2,295.86	3/4	2,583.70
1	13.11	1	293.83	1	578.93	1	862.67	1	1,150.51	1	1,438.34	1	1,726.18	1	2,014.02	1	2,301.86	1	2,589.69
1/4	17.71	1/4	299.83	1/4	584.76	1/4	868.67	1/4	1,156.50	1/4	1,444.34	1/4	1,732.18	1/4	2,020.01	1/4	2,307.85	1/4	2,595.69
1/2	22.32	1/2	305.83	1/2	590.58	1/2	874.66	1/2	1,162.50	1/2	1,450.34	1/2	1,738.17	1/2	2,026.01	1/2	2,313.85	1/2	2,601.69
3/4	26.92	3/4	311.82	3/4	596.41	3/4	880.66	3/4	1,168.50	3/4	1,456.33	3/4	1,744.17	3/4	2,032.01	3/4	2,319.84	3/4	2,607.68
2	31.53	2	317.82	2	602.24	2	886.66	2	1,174.49	2	1,462.33	2	1,750.17	2	2,038.00	2	2,325.84	2	2,613.68
1/4	37.29	1/4	323.82	1/4	608.06	1/4	892.65	1/4	1,180.49	1/4	1,468.33	1/4	1,756.16	1/4	2,044.00	1/4	2,331.84	1/4	2,619.67
1/2	43.04	1/2	329.81	1/2	613.89	1/2	898.65	1/2	1,186.49	1/2	1,474.32	1/2	1,762.16	1/2	2,050.00	1/2	2,337.83	1/2	2,625.67
3/4	48.80	3/4	335.81	3/4	619.71	3/4	904.65	3/4	1,192.48	3/4	1,480.32	3/4	1,768.16	3/4	2,055.99	3/4	2,343.83	3/4	2,631.67
3	54.56	3	341.81	3	625.54	3	910.64	3	1,198.48	3	1,486.32	3	1,774.15	3	2,061.99	3	2,349.83	3	2,637.66
1/4	60.48	1/4	347.80	1/4	631.36	1/4	916.64	1/4	1,204.48	1/4	1,492.31	1/4	1,780.15	1/4	2,067.99	1/4	2,355.82	1/4	2,643.66
1/2	66.40	1/2	353.80	1/2	637.19	1/2	922.64	1/2	1,210.47	1/2	1,498.31	1/2	1,786.15	1/2	2,073.98	1/2	2,361.82	1/2	2,649.66
3/4	72.32	3/4	359.80	3/4	643.01	3/4	928.63	3/4	1,216.47	3/4	1,504.31	3/4	1,792.14	3/4	2,079.98	3/4	2,367.82	3/4	2,655.65
4	78.24	4	365.79	4	648.84	4	934.63	4	1,222.47	4	1,510.30	4	1,798.14	4	2,085.98	4	2,373.81	4	2,661.65
1/4	84.20	1/4	371.79	1/4	654.66	1/4	940.63	1/4	1,228.46	1/4	1,516.30	1/4	1,804.14	1/4	2,091.97	1/4	2,379.81	1/4	2,667.65
1/2	90.15	1/2	377.79	1/2	660.49	1/2	946.62	1/2	1,234.46	1/2	1,522.30	1/2	1,810.13	1/2	2,097.97	1/2	2,385.81	1/2	2,673.64
3/4	96.11	3/4	383.78	3/4	666.31	3/4	952.62	3/4	1,240.46	3/4	1,528.29	3/4	1,816.13	3/4	2,103.97	3/4	2,391.80	3/4	2,679.64
5	102.06	5	389.78	5	672.14	5	958.62	5	1,246.45	5	1,534.29	5	1,822.13	5	2,109.96	5	2,397.80	5	2,685.64
1/4	108.04	1/4	395.78	1/4	677.96	1/4	964.61	1/4	1,252.45	1/4	1,540.29	1/4	1,828.12	1/4	2,115.96	1/4	2,403.80	1/4	2,691.63
1/2	114.02	1/2	401.77	1/2	683.79	1/2	970.61	1/2	1,258.45	1/2	1,546.28	1/2	1,834.12	1/2	2,121.96	1/2	2,409.79	1/2	2,697.63
3/4	119.99	3/4	407.77	3/4	689.62	3/4	976.61	3/4	1,264.44	3/4	1,552.28	3/4	1,840.12	3/4	2,127.95	3/4	2,415.79	3/4	2,703.63
6	125.97	6	413.76	6	695.44	6	982.60	6	1,270.44	6	1,558.28	6	1,846.11	6	2,133.95	6	2,421.79	6	2,709.62
1/4	131.96	1/4	419.76	1/4	701.31	1/4	988.60	1/4	1,276.44	1/4	1,564.27	1/4	1,852.11	1/4	2,139.95	1/4	2,427.78	1/4	2,715.62
1/2	137.95	1/2	425.76	1/2	707.18	1/2	994.60	1/2	1,282.43	1/2	1,570.27	1/2	1,858.11	1/2	2,145.94	1/2	2,433.78	1/2	2,721.62
3/4	143.94	3/4	431.75	3/4	713.05	3/4	1,000.59	3/4	1,288.43	3/4	1,576.27	3/4	1,864.10	3/4	2,151.94	3/4	2,439.78	3/4	2,727.61
7	149.93	7	437.75	7	718.92	7	1,006.59	7	1,294.43	7	1,582.26	7	1,870.10	7	2,157.94	7	2,445.77	7	2,733.61
1/4	155.92	1/4	443.75	1/4	724.88	1/4	1,012.59	1/4	1,300.42	1/4	1,588.26	1/4	1,876.10	1/4	2,163.93	1/4	2,451.77	1/4	2,739.61
1/2	161.92	1/2	449.74	1/2	730.83	1/2	1,018.58	1/2	1,306.42	1/2	1,594.26	1/2	1,882.09	1/2	2,169.93	1/2	2,457.77	1/2	2,745.60
3/4	167.91	3/4	455.74	3/4	736.78	3/4	1,024.58	3/4	1,312.42	3/4	1,600.25	3/4	1,888.09	3/4	2,175.93	3/4	2,463.76	3/4	2,751.60
8	173.91	8	461.74	8	742.74	8	1,030.58	8	1,318.41	8	1,606.25	8	1,894.09	8	2,181.92	8	2,469.76	8	2,757.60
1/4	179.90	1/4	467.69	1/4	748.74	1/4	1,036.57	1/4	1,324.41	1/4	1,612.25	1/4	1,900.08	1/4	2,187.92	1/4	2,475.76	1/4	2,763.59
1/2	185.90	1/2	473.64	1/2	754.73	1/2	1,042.57	1/2	1,330.41	1/2	1,618.24	1/2	1,906.08	1/2	2,193.92	1/2	2,481.75	1/2	2,769.59
3/4	191.89	3/4	479.60	3/4	760.73	3/4	1,048.57	3/4	1,336.40	3/4	1,624.24	3/4	1,912.08	3/4	2,199.91	3/4	2,487.75	3/4	2,775.59
9	197.89	9	485.55	9	766.73	9	1,054.56	9	1,342.40	9	1,630.24	9	1,918.07	9	2,205.91	9	2,493.75	9	2,781.58
1/4	203.89	1/4	491.42	1/4	772.72	1/4	1,060.56	1/4	1,348.40	1/4	1,636.23	1/4	1,924.07	1/4	2,211.91	1/4	2,499.74	1/4	2,787.58
1/2	209.88	1/2	497.29	1/2	778.72	1/2	1,066.56	1/2	1,354.39	1/2	1,642.23	1/2	1,930.07	1/2	2,217.90	1/2	2,505.74	1/2	2,793.58
3/4	215.88	3/4	503.16	3/4	784.72	3/4	1,072.55	3/4	1,360.39	3/4	1,648.23	3/4	1,936.06	3/4	2,223.90	3/4	2,511.74	3/4	2,799.57
10	221.88	10	509.03	10	790.71	10	1,078.55	10	1,366.39	10	1,654.22	10	1,942.06	10	2,229.90	10	2,517.73	10	2,805.57
1/4	227.87	1/4	514.85	1/4	796.71	1/4	1,084.55	1/4	1,372.38	1/4	1,660.22	1/4	1,948.06	1/4	2,235.89	1/4	2,523.73	1/4	2,811.57
1/2	233.87	1/2	520.68	1/2	802.71	1/2	1,090.54	1/2	1,378.38	1/2	1,666.22	1/2	1,954.05	1/2	2,241.89	1/2	2,529.73	1/2	2,817.56
3/4	239.87	3/4	526.51	3/4	808.70	3/4	1,096.54	3/4	1,384.38	3/4	1,672.21	3/4	1,960.05	3/4	2,247.89	3/4	2,535.72	3/4	2,823.56
11	245.86	11	532.33	11	814.70	11	1,102.54	11	1,390.37	11	1,678.21	11	1,966.05	11	2,253.88	11	2,541.72	11	2,829.56
1/4	251.86	1/4	538.16	1/4	820.69	1/4	1,108.53	1/4	1,396.37	1/4	1,684.21	1/4	1,972.04	1/4	2,259.88	1/4	2,547.72	1/4	2,835.55
1/2	257.86	1/2	543.98	1/2	826.69	1/2	1,114.53	1/2	1,402.37	1/2	1,690.20	1/2	1,978.04	1/2	2,265.88	1/2	2,553.71	1/2	2,841.55
3/4	263.85	3/4	549.81	3/4	832.69	3/4	1,120.52	3/4	1,408.36	3/4	1,696.20	3/4	1,984.04	3/4	2,271.87	3/4	2,559.71	3/4	2,847.55

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 83"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,853.54	0	3,141.38	0	3,429.22	0	3,717.05	0	3,987.92	0		0		0		0		0	
1/4	2,859.54	1/4	3,147.38	1/4	3,435.21	1/4	3,723.05	1/4	3,989.22	1/4		1/4		1/4		1/4		1/4	
1/2	2,865.54	1/2	3,153.37	1/2	3,441.21	1/2	3,729.05	1/2	3,990.52	1/2		1/2		1/2		1/2		1/2	
3/4	2,871.53	3/4	3,159.37	3/4	3,447.21	3/4	3,735.04	3/4	3,991.82	3/4		3/4		3/4		3/4		3/4	
1	2,877.53	1	3,165.37	1	3,453.20	1	3,741.04	1		1		1		1		1		1	
1/4	2,883.53	1/4	3,171.36	1/4	3,459.20	1/4	3,747.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,889.52	1/2	3,177.36	1/2	3,465.20	1/2	3,753.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,895.52	3/4	3,183.36	3/4	3,471.19	3/4	3,759.03	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,901.52	2	3,189.35	2	3,477.19	2	3,765.03	2		2		2		2		2		2	
1/4	2,907.51	1/4	3,195.35	1/4	3,483.19	1/4	3,771.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,913.51	1/2	3,201.35	1/2	3,489.18	1/2	3,777.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,919.50	3/4	3,207.34	3/4	3,495.18	3/4	3,783.02	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,925.50	3	3,213.34	3	3,501.18	3	3,789.01	3		3		3		3		3		3	
1/4	2,931.50	1/4	3,219.33	1/4	3,507.17	1/4	3,795.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,937.49	1/2	3,225.33	1/2	3,513.17	1/2	3,801.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,943.49	3/4	3,231.33	3/4	3,519.16	3/4	3,807.00	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,949.49	4	3,237.32	4	3,525.16	4	3,813.00	4		4		4		4		4		4	
1/4	2,955.48	1/4	3,243.32	1/4	3,531.16	1/4	3,819.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,961.48	1/2	3,249.32	1/2	3,537.15	1/2	3,825.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,967.48	3/4	3,255.31	3/4	3,543.15	3/4	3,831.00	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,973.47	5	3,261.31	5	3,549.15	5	3,837.00	5		5		5		5		5		5	
1/4	2,979.47	1/4	3,267.31	1/4	3,555.14	1/4	3,842.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,985.47	1/2	3,273.30	1/2	3,561.14	1/2	3,848.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,991.46	3/4	3,279.30	3/4	3,567.14	3/4	3,854.98	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,997.46	6	3,285.30	6	3,573.13	6	3,860.97	6		6		6		6		6		6	
1/4	3,003.46	1/4	3,291.29	1/4	3,579.13	1/4	3,866.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,009.45	1/2	3,297.29	1/2	3,585.13	1/2	3,872.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,015.45	3/4	3,303.29	3/4	3,591.12	3/4	3,878.91	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,021.45	7	3,309.28	7	3,597.12	7	3,884.89	7		7		7		7		7		7	
1/4	3,027.44	1/4	3,315.28	1/4	3,603.12	1/4	3,890.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,033.44	1/2	3,321.28	1/2	3,609.11	1/2	3,896.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,039.44	3/4	3,327.27	3/4	3,615.11	3/4	3,902.78	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,045.43	8	3,333.27	8	3,621.11	8	3,908.74	8		8		8		8		8		8	
1/4	3,051.43	1/4	3,339.27	1/4	3,627.10	1/4	3,914.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,057.43	1/2	3,345.26	1/2	3,633.10	1/2	3,920.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,063.42	3/4	3,351.26	3/4	3,639.10	3/4	3,926.53	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,069.42	9	3,357.26	9	3,645.09	9	3,932.47	9		9		9		9		9		9	
1/4	3,075.42	1/4	3,363.25	1/4	3,651.09	1/4	3,938.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,081.41	1/2	3,369.25	1/2	3,657.09	1/2	3,944.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,087.41	3/4	3,375.25	3/4	3,663.08	3/4	3,950.05	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,093.41	10	3,381.24	10	3,669.08	10	3,955.91	10		10		10		10		10		10	
1/4	3,099.40	1/4	3,387.24	1/4	3,675.08	1/4	3,960.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,105.40	1/2	3,393.24	1/2	3,681.07	1/2	3,965.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,111.40	3/4	3,399.23	3/4	3,687.07	3/4	3,970.92	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,117.39	11	3,405.23	11	3,693.07	11	3,975.93	11		11		11		11		11		11	
1/4	3,123.39	1/4	3,411.23	1/4	3,699.06	1/4	3,978.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,129.39	1/2	3,417.22	1/2	3,705.06	1/2	3,981.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,135.38	3/4	3,423.22	3/4	3,711.06	3/4	3,984.92	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2008 CL - SW
CALCULATED: 11/27/2008 CL
REPRINTED: 02/16/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2008

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



BARGE "DBL 83"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	3.23	0	238.42	0	492.46	0	746.33	0	1,000.50	0	1,254.68	0	1,508.85	0	1,763.03	0	2,017.20	0	2,271.37
1/4	5.35	1/4	243.72	1/4	497.75	1/4	751.62	1/4	1,005.80	1/4	1,259.97	1/4	1,514.15	1/4	1,768.32	1/4	2,022.50	1/4	2,276.67
1/2	7.47	1/2	249.01	1/2	503.03	1/2	756.92	1/2	1,011.09	1/2	1,265.27	1/2	1,519.44	1/2	1,773.62	1/2	2,027.79	1/2	2,281.97
3/4	9.59	3/4	254.31	3/4	508.31	3/4	762.21	3/4	1,016.39	3/4	1,270.56	3/4	1,524.74	3/4	1,778.91	3/4	2,033.09	3/4	2,287.26
1	11.70	1	259.60	1	513.60	1	767.51	1	1,021.68	1	1,275.86	1	1,530.03	1	1,784.21	1	2,038.38	1	2,292.56
1/4	15.77	1/4	264.90	1/4	518.88	1/4	772.80	1/4	1,026.98	1/4	1,281.15	1/4	1,535.33	1/4	1,789.50	1/4	2,043.68	1/4	2,297.85
1/2	19.84	1/2	270.19	1/2	524.17	1/2	778.10	1/2	1,032.27	1/2	1,286.45	1/2	1,540.62	1/2	1,794.80	1/2	2,048.97	1/2	2,303.15
3/4	23.90	3/4	275.49	3/4	529.45	3/4	783.40	3/4	1,037.57	3/4	1,291.74	3/4	1,545.92	3/4	1,800.09	3/4	2,054.27	3/4	2,308.44
2	27.97	2	280.78	2	534.73	2	788.69	2	1,042.87	2	1,297.04	2	1,551.21	2	1,805.39	2	2,059.56	2	2,313.74
1/4	33.06	1/4	286.08	1/4	540.02	1/4	793.99	1/4	1,048.16	1/4	1,302.33	1/4	1,556.51	1/4	1,810.68	1/4	2,064.86	1/4	2,319.03
1/2	38.14	1/2	291.37	1/2	545.30	1/2	799.28	1/2	1,053.46	1/2	1,307.63	1/2	1,561.80	1/2	1,815.98	1/2	2,070.15	1/2	2,324.33
3/4	43.22	3/4	296.67	3/4	550.58	3/4	804.58	3/4	1,058.75	3/4	1,312.93	3/4	1,567.10	3/4	1,821.27	3/4	2,075.45	3/4	2,329.62
3	48.31	3	301.96	3	555.87	3	809.87	3	1,064.05	3	1,318.22	3	1,572.40	3	1,826.57	3	2,080.74	3	2,334.92
1/4	53.54	1/4	307.26	1/4	561.15	1/4	815.17	1/4	1,069.34	1/4	1,323.52	1/4	1,577.69	1/4	1,831.86	1/4	2,086.04	1/4	2,340.21
1/2	58.76	1/2	312.55	1/2	566.44	1/2	820.46	1/2	1,074.64	1/2	1,328.81	1/2	1,582.99	1/2	1,837.16	1/2	2,091.33	1/2	2,345.51
3/4	63.99	3/4	317.85	3/4	571.72	3/4	825.76	3/4	1,079.93	3/4	1,334.11	3/4	1,588.28	3/4	1,842.46	3/4	2,096.63	3/4	2,350.80
4	69.22	4	323.14	4	577.00	4	831.05	4	1,085.23	4	1,339.40	4	1,593.58	4	1,847.75	4	2,101.93	4	2,356.10
1/4	74.48	1/4	328.44	1/4	582.29	1/4	836.35	1/4	1,090.52	1/4	1,344.70	1/4	1,598.87	1/4	1,853.05	1/4	2,107.22	1/4	2,361.39
1/2	79.74	1/2	333.73	1/2	587.57	1/2	841.64	1/2	1,095.82	1/2	1,349.99	1/2	1,604.17	1/2	1,858.34	1/2	2,112.52	1/2	2,366.69
3/4	85.00	3/4	339.03	3/4	592.86	3/4	846.94	3/4	1,101.11	3/4	1,355.29	3/4	1,609.46	3/4	1,863.64	3/4	2,117.81	3/4	2,371.99
5	90.26	5	344.32	5	598.14	5	852.23	5	1,106.41	5	1,360.58	5	1,614.76	5	1,868.93	5	2,123.11	5	2,377.28
1/4	95.53	1/4	349.62	1/4	603.42	1/4	857.53	1/4	1,111.70	1/4	1,365.88	1/4	1,620.05	1/4	1,874.23	1/4	2,128.40	1/4	2,382.58
1/2	100.81	1/2	354.91	1/2	608.71	1/2	862.83	1/2	1,117.00	1/2	1,371.17	1/2	1,625.35	1/2	1,879.52	1/2	2,133.70	1/2	2,387.87
3/4	106.09	3/4	360.21	3/4	613.99	3/4	868.12	3/4	1,122.29	3/4	1,376.47	3/4	1,630.64	3/4	1,884.82	3/4	2,138.99	3/4	2,393.17
6	111.37	6	365.51	6	619.28	6	873.42	6	1,127.59	6	1,381.76	6	1,635.94	6	1,890.11	6	2,144.29	6	2,398.46
1/4	116.66	1/4	370.80	1/4	624.57	1/4	878.71	1/4	1,132.89	1/4	1,387.06	1/4	1,641.23	1/4	1,895.41	1/4	2,149.58	1/4	2,403.76
1/2	121.94	1/2	376.10	1/2	629.85	1/2	884.01	1/2	1,138.18	1/2	1,392.36	1/2	1,646.53	1/2	1,900.70	1/2	2,154.88	1/2	2,409.05
3/4	127.23	3/4	381.39	3/4	635.14	3/4	889.30	3/4	1,143.48	3/4	1,397.65	3/4	1,651.82	3/4	1,906.00	3/4	2,160.17	3/4	2,414.35
7	132.52	7	386.69	7	640.43	7	894.60	7	1,148.77	7	1,402.95	7	1,657.12	7	1,911.29	7	2,165.47	7	2,419.64
1/4	137.82	1/4	391.98	1/4	645.72	1/4	899.89	1/4	1,154.07	1/4	1,408.24	1/4	1,662.42	1/4	1,916.59	1/4	2,170.76	1/4	2,424.94
1/2	143.11	1/2	397.28	1/2	651.02	1/2	905.19	1/2	1,159.36	1/2	1,413.54	1/2	1,667.71	1/2	1,921.89	1/2	2,176.06	1/2	2,430.23
3/4	148.40	3/4	402.57	3/4	656.31	3/4	910.48	3/4	1,164.66	3/4	1,418.83	3/4	1,673.01	3/4	1,927.18	3/4	2,181.35	3/4	2,435.53
8	153.70	8	407.87	8	661.60	8	915.78	8	1,169.95	8	1,424.13	8	1,678.30	8	1,932.48	8	2,186.65	8	2,440.82
1/4	158.99	1/4	413.16	1/4	666.90	1/4	921.07	1/4	1,175.25	1/4	1,429.42	1/4	1,683.60	1/4	1,937.77	1/4	2,191.95	1/4	2,446.12
1/2	164.29	1/2	418.45	1/2	672.19	1/2	926.37	1/2	1,180.54	1/2	1,434.72	1/2	1,688.89	1/2	1,943.07	1/2	2,197.24	1/2	2,451.42
3/4	169.58	3/4	423.74	3/4	677.49	3/4	931.66	3/4	1,185.84	3/4	1,440.01	3/4	1,694.19	3/4	1,948.36	3/4	2,202.54	3/4	2,456.71
9	174.88	9	429.04	9	682.78	9	936.96	9	1,191.13	9	1,445.31	9	1,699.48	9	1,953.66	9	2,207.83	9	2,462.01
1/4	180.17	1/4	434.32	1/4	688.08	1/4	942.25	1/4	1,196.43	1/4	1,450.60	1/4	1,704.78	1/4	1,958.95	1/4	2,213.13	1/4	2,467.30
1/2	185.47	1/2	439.61	1/2	693.38	1/2	947.55	1/2	1,201.72	1/2	1,455.90	1/2	1,710.07	1/2	1,964.25	1/2	2,218.42	1/2	2,472.60
3/4	190.76	3/4	444.90	3/4	698.67	3/4	952.85	3/4	1,207.02	3/4	1,461.19	3/4	1,715.37	3/4	1,969.54	3/4	2,223.72	3/4	2,477.89
10	196.06	10	450.19	10	703.97	10	958.14	10	1,212.31	10	1,466.49	10	1,720.66	10	1,974.84	10	2,229.01	10	2,483.19
1/4	201.35	1/4	455.47	1/4	709.26	1/4	963.44	1/4	1,217.61	1/4	1,471.78	1/4	1,725.96	1/4	1,980.13	1/4	2,234.31	1/4	2,488.48
1/2	206.65	1/2	460.76	1/2	714.56	1/2	968.73	1/2	1,222.91	1/2	1,477.08	1/2	1,731.25	1/2	1,985.43	1/2	2,239.60	1/2	2,493.78
3/4	211.94	3/4	466.04	3/4	719.85	3/4	974.03	3/4	1,228.20	3/4	1,482.38	3/4	1,736.55	3/4	1,990.72	3/4	2,244.90	3/4	2,499.07
11	217.24	11	471.33	11	725.15	11	979.32	11	1,233.50	11	1,487.67	11	1,741.84	11	1,996.02	11	2,250.19	11	2,504.37
1/4	222.53	1/4	476.61	1/4	730.44	1/4	984.62	1/4	1,238.79	1/4	1,492.97	1/4	1,747.14	1/4	2,001.31	1/4	2,255.49	1/4	2,509.66
1/2	227.83	1/2	481.90	1/2	735.74	1/2	989.91	1/2	1,244.09	1/2	1,498.26	1/2	1,752.44	1/2	2,006.61	1/2	2,260.78	1/2	2,514.96
3/4	233.13	3/4	487.18	3/4	741.03	3/4	995.21	3/4	1,249.38	3/4	1,503.56	3/4	1,757.73	3/4	2,011.91	3/4	2,266.08	3/4	2,520.25

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 83"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,525.55	0	2,779.72	0	3,033.90	0	3,288.07	0	3,527.29	0		0		0		0		0	
1/4	2,530.84	1/4	2,785.02	1/4	3,039.19	1/4	3,293.37	1/4	3,528.44	1/4		1/4		1/4		1/4		1/4	
1/2	2,536.14	1/2	2,790.31	1/2	3,044.49	1/2	3,298.66	1/2	3,529.59	1/2		1/2		1/2		1/2		1/2	
3/4	2,541.44	3/4	2,795.61	3/4	3,049.78	3/4	3,303.96	3/4	3,530.73	3/4		3/4		3/4		3/4		3/4	
1	2,546.73	1	2,800.90	1	3,055.08	1	3,309.25	1		1		1		1		1		1	
1/4	2,552.03	1/4	2,806.20	1/4	3,060.37	1/4	3,314.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,557.32	1/2	2,811.50	1/2	3,065.67	1/2	3,319.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,562.62	3/4	2,816.79	3/4	3,070.97	3/4	3,325.14	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,567.91	2	2,822.09	2	3,076.26	2	3,330.43	2		2		2		2		2		2	
1/4	2,573.21	1/4	2,827.38	1/4	3,081.56	1/4	3,335.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,578.50	1/2	2,832.68	1/2	3,086.85	1/2	3,341.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,583.80	3/4	2,837.97	3/4	3,092.15	3/4	3,346.32	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,589.09	3	2,843.27	3	3,097.44	3	3,351.62	3		3		3		3		3		3	
1/4	2,594.39	1/4	2,848.56	1/4	3,102.74	1/4	3,356.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,599.68	1/2	2,853.86	1/2	3,108.03	1/2	3,362.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,604.98	3/4	2,859.15	3/4	3,113.33	3/4	3,367.50	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,610.27	4	2,864.45	4	3,118.62	4	3,372.80	4		4		4		4		4		4	
1/4	2,615.57	1/4	2,869.74	1/4	3,123.92	1/4	3,378.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,620.86	1/2	2,875.04	1/2	3,129.21	1/2	3,383.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,626.16	3/4	2,880.33	3/4	3,134.51	3/4	3,388.71	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,631.46	5	2,885.63	5	3,139.80	5	3,394.02	5		5		5		5		5		5	
1/4	2,636.75	1/4	2,890.92	1/4	3,145.10	1/4	3,399.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,642.05	1/2	2,896.22	1/2	3,150.39	1/2	3,404.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,647.34	3/4	2,901.52	3/4	3,155.69	3/4	3,409.90	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,652.64	6	2,906.81	6	3,160.99	6	3,415.19	6		6		6		6		6		6	
1/4	2,657.93	1/4	2,912.11	1/4	3,166.28	1/4	3,420.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,663.23	1/2	2,917.40	1/2	3,171.58	1/2	3,425.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,668.52	3/4	2,922.70	3/4	3,176.87	3/4	3,431.03	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,673.82	7	2,927.99	7	3,182.17	7	3,436.31	7		7		7		7		7		7	
1/4	2,679.11	1/4	2,933.29	1/4	3,187.46	1/4	3,441.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,684.41	1/2	2,938.58	1/2	3,192.76	1/2	3,446.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,689.70	3/4	2,943.88	3/4	3,198.05	3/4	3,452.11	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,695.00	8	2,949.17	8	3,203.35	8	3,457.37	8		8		8		8		8		8	
1/4	2,700.29	1/4	2,954.47	1/4	3,208.64	1/4	3,462.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,705.59	1/2	2,959.76	1/2	3,213.94	1/2	3,467.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,710.88	3/4	2,965.06	3/4	3,219.23	3/4	3,473.09	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,716.18	9	2,970.35	9	3,224.53	9	3,478.32	9		9		9		9		9		9	
1/4	2,721.48	1/4	2,975.65	1/4	3,229.82	1/4	3,483.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,726.77	1/2	2,980.95	1/2	3,235.12	1/2	3,488.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,732.07	3/4	2,986.24	3/4	3,240.41	3/4	3,493.85	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,737.36	10	2,991.54	10	3,245.71	10	3,499.03	10		10		10		10		10		10	
1/4	2,742.66	1/4	2,996.83	1/4	3,251.01	1/4	3,503.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,747.95	1/2	3,002.13	1/2	3,256.30	1/2	3,507.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,753.25	3/4	3,007.42	3/4	3,261.60	3/4	3,512.28	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,758.54	11	3,012.72	11	3,266.89	11	3,516.70	11		11		11		11		11		11	
1/4	2,763.84	1/4	3,018.01	1/4	3,272.19	1/4	3,519.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,769.13	1/2	3,023.31	1/2	3,277.48	1/2	3,522.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,774.43	3/4	3,028.60	3/4	3,282.78	3/4	3,524.64	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/26/2008 CL - SW
CALCULATED: 11/27/2008 CL
REPRINTED: 02/16/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2008

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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