



BARGE "KIRBY 10083"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 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
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 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 - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 164'-00"

February 18, 2010

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

<http://www.pmacorp.net>



BARGE "KIRBY 10083"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	3,785.89	0	3,553.31	0	3,300.95	0	3,048.60	0	2,790.49	0	2,494.80	0	2,198.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,784.86	1/4	3,548.05	1/4	3,295.69	1/4	3,043.34	1/4	2,784.33	1/4	2,488.63	1/4	2,192.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,783.83	1/2	3,542.79	1/2	3,290.44	1/2	3,038.08	1/2	2,778.17	1/2	2,482.45	1/2	2,186.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,780.73	3/4	3,537.53	3/4	3,285.18	3/4	3,032.82	3/4	2,772.02	3/4	2,476.28	3/4	2,179.88		
1		1		1		1	3,777.63	1	3,532.28	1	3,279.92	1	3,027.57	1	2,765.86	1	2,470.10	1	2,173.70		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,774.53	1/4	3,527.02	1/4	3,274.66	1/4	3,022.31	1/4	2,759.71	1/4	2,463.93	1/4	2,167.53		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,771.43	1/2	3,521.76	1/2	3,269.41	1/2	3,017.05	1/2	2,753.55	1/2	2,457.75	1/2	2,161.35		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,766.26	3/4	3,516.50	3/4	3,264.15	3/4	3,011.79	3/4	2,747.39	3/4	2,451.58	3/4	2,155.18		
2		2		2		2	3,761.10	2	3,511.25	2	3,258.89	2	3,006.54	2	2,741.24	2	2,445.40	2	2,149.00		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,755.93	1/4	3,505.99	1/4	3,253.63	1/4	3,001.28	1/4	2,735.08	1/4	2,439.23	1/4	2,142.83		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,750.77	1/2	3,500.73	1/2	3,248.38	1/2	2,996.02	1/2	2,728.92	1/2	2,433.05	1/2	2,136.65		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,745.64	3/4	3,495.48	3/4	3,243.12	3/4	2,990.76	3/4	2,722.77	3/4	2,426.88	3/4	2,130.48		
3		3		3		3	3,740.52	3	3,490.22	3	3,237.86	3	2,985.51	3	2,716.61	3	2,420.70	3	2,124.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,735.40	1/4	3,484.96	1/4	3,232.61	1/4	2,980.25	1/4	2,710.46	1/4	2,414.53	1/4	2,118.13		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,730.28	1/2	3,479.70	1/2	3,227.35	1/2	2,974.99	1/2	2,704.30	1/2	2,408.35	1/2	2,111.95		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,725.12	3/4	3,474.45	3/4	3,222.09	3/4	2,969.74	3/4	2,698.14	3/4	2,402.18	3/4	2,105.78		
4		4		4		4	3,719.96	4	3,469.19	4	3,216.83	4	2,964.48	4	2,691.99	4	2,396.00	4	2,099.60		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,714.80	1/4	3,463.93	1/4	3,211.58	1/4	2,959.22	1/4	2,685.83	1/4	2,389.83	1/4	2,093.43		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,709.64	1/2	3,458.67	1/2	3,206.32	1/2	2,953.96	1/2	2,679.67	1/2	2,383.65	1/2	2,087.25		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,704.47	3/4	3,453.42	3/4	3,201.06	3/4	2,948.71	3/4	2,673.52	3/4	2,377.48	3/4	2,081.08		
5		5		5		5	3,699.30	5	3,448.16	5	3,195.80	5	2,943.45	5	2,667.36	5	2,371.30	5	2,074.90		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,694.12	1/4	3,442.90	1/4	3,190.55	1/4	2,938.19	1/4	2,661.21	1/4	2,365.13	1/4	2,068.73		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,688.95	1/2	3,437.64	1/2	3,185.29	1/2	2,932.93	1/2	2,655.05	1/2	2,358.95	1/2	2,062.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,683.78	3/4	3,432.39	3/4	3,180.03	3/4	2,927.68	3/4	2,648.89	3/4	2,352.78	3/4	2,056.38		
6		6		6		6	3,678.60	6	3,427.13	6	3,174.77	6	2,922.42	6	2,642.74	6	2,346.60	6	2,050.20		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,673.43	1/4	3,421.87	1/4	3,169.52	1/4	2,917.16	1/4	2,636.58	1/4	2,340.43	1/4	2,044.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,668.26	1/2	3,416.61	1/2	3,164.26	1/2	2,911.90	1/2	2,630.43	1/2	2,334.25	1/2	2,037.85		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,663.09	3/4	3,411.36	3/4	3,159.00	3/4	2,906.65	3/4	2,624.27	3/4	2,328.08	3/4	2,031.68		
7		7		7		7	3,657.92	7	3,406.10	7	3,153.74	7	2,901.39	7	2,618.11	7	2,321.90	7	2,025.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,652.75	1/4	3,400.84	1/4	3,148.49	1/4	2,896.13	1/4	2,611.96	1/4	2,315.73	1/4	2,019.33		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,647.58	1/2	3,395.58	1/2	3,143.23	1/2	2,890.87	1/2	2,605.80	1/2	2,309.55	1/2	2,013.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,642.42	3/4	3,390.33	3/4	3,137.97	3/4	2,885.62	3/4	2,599.64	3/4	2,303.38	3/4	2,006.98		
8		8		8		8	3,637.25	8	3,385.07	8	3,132.71	8	2,880.36	8	2,593.49	8	2,297.20	8	2,000.80		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,632.08	1/4	3,379.81	1/4	3,127.46	1/4	2,875.10	1/4	2,587.33	1/4	2,291.03	1/4	1,994.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,626.91	1/2	3,374.56	1/2	3,122.20	1/2	2,869.84	1/2	2,581.18	1/2	2,284.85	1/2	1,988.45		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,621.65	3/4	3,369.30	3/4	3,116.94	3/4	2,864.56	3/4	2,575.02	3/4	2,278.68	3/4	1,982.28		
9		9		9		9	3,616.40	9	3,364.04	9	3,111.69	9	2,859.28	9	2,568.86	9	2,272.50	9	1,976.10		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,611.14	1/4	3,358.78	1/4	3,106.43	1/4	2,854.00	1/4	2,562.71	1/4	2,266.33	1/4	1,969.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,605.88	1/2	3,353.53	1/2	3,101.17	1/2	2,848.72	1/2	2,556.55	1/2	2,260.15	1/2	1,963.75		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,600.62	3/4	3,348.27	3/4	3,095.91	3/4	2,843.43	3/4	2,550.38	3/4	2,253.98	3/4	1,957.58		
10		10		10		10	3,595.37	10	3,343.01	10	3,090.66	10	2,838.15	10	2,544.20	10	2,247.80	10	1,951.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,590.11	1/4	3,337.75	1/4	3,085.40	1/4	2,832.87	1/4	2,538.03	1/4	2,241.63	1/4	1,945.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,584.85	1/2	3,332.50	1/2	3,080.14	1/2	2,827.59	1/2	2,531.85	1/2	2,235.45	1/2	1,939.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,579.59	3/4	3,327.24	3/4	3,074.88	3/4	2,821.39	3/4	2,525.68	3/4	2,229.28	3/4	1,932.88		
11		11		11		11	3,574.34	11	3,321.98	11	3,069.63	11	2,815.19	11	2,519.50	11	2,223.10	11	1,926.70		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,569.08	1/4	3,316.72	1/4	3,064.37	1/4	2,809.00	1/4	2,513.33	1/4	2,216.93	1/4	1,920.53		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,787.96	1/2	3,563.82	1/2	3,311.47	1/2	3,059.11	1/2	2,802.80	1/2	2,507.15	1/2	2,210.75	1/2	1,914.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,786.93	3/4	3,558.56	3/4	3,306.21	3/4	3,053.85	3/4	2,796.64	3/4	2,500.98	3/4	2,204.58	3/4	1,908.18

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "KIRBY 10083"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,902.00	0	1,605.38	0	1,308.58	0	1,011.77	0	720.80	0	424.07	0	127.04	0		0		0	
1/4	1,895.83	1/4	1,599.20	1/4	1,302.39	1/4	1,005.58	1/4	714.71	1/4	417.88	1/4	120.86	1/4		1/4		1/4	
1/2	1,889.65	1/2	1,593.02	1/2	1,296.21	1/2	999.40	1/2	708.63	1/2	411.69	1/2	114.68	1/2		1/2		1/2	
3/4	1,883.48	3/4	1,586.84	3/4	1,290.03	3/4	993.21	3/4	702.46	3/4	405.50	3/4	108.52	3/4		3/4		3/4	
1	1,877.30	1	1,580.66	1	1,283.84	1	987.03	1	696.29	1	399.32	1	102.36	1		1		1	
1/4	1,871.13	1/4	1,574.47	1/4	1,277.66	1/4	980.85	1/4	690.12	1/4	393.13	1/4	96.20	1/4		1/4		1/4	
1/2	1,864.95	1/2	1,568.29	1/2	1,271.48	1/2	974.66	1/2	683.95	1/2	386.94	1/2	90.04	1/2		1/2		1/2	
3/4	1,858.78	3/4	1,562.11	3/4	1,265.29	3/4	968.54	3/4	677.76	3/4	380.75	3/4	83.91	3/4		3/4		3/4	
2	1,852.60	2	1,555.92	2	1,259.11	2	962.42	2	671.57	2	374.56	2	77.79	2		2		2	
1/4	1,846.43	1/4	1,549.74	1/4	1,252.93	1/4	956.30	1/4	665.39	1/4	368.38	1/4	71.66	1/4		1/4		1/4	
1/2	1,840.25	1/2	1,543.56	1/2	1,246.74	1/2	950.18	1/2	659.20	1/2	362.19	1/2	65.53	1/2		1/2		1/2	
3/4	1,834.08	3/4	1,537.37	3/4	1,240.56	3/4	944.12	3/4	653.02	3/4	356.00	3/4	59.46	3/4		3/4		3/4	
3	1,827.90	3	1,531.19	3	1,234.38	3	938.07	3	646.83	3	349.81	3	53.39	3		3		3	
1/4	1,821.73	1/4	1,525.00	1/4	1,228.19	1/4	932.01	1/4	640.64	1/4	343.62	1/4	47.32	1/4		1/4		1/4	
1/2	1,815.55	1/2	1,518.82	1/2	1,222.01	1/2	925.95	1/2	634.46	1/2	337.44	1/2	41.24	1/2		1/2		1/2	
3/4	1,809.37	3/4	1,512.64	3/4	1,215.82	3/4	919.89	3/4	628.27	3/4	331.25	3/4	36.09	3/4		3/4		3/4	
4	1,803.18	4	1,506.45	4	1,209.64	4	913.84	4	622.08	4	325.06	4	30.93	4		4		4	
1/4	1,797.00	1/4	1,500.27	1/4	1,203.46	1/4	907.78	1/4	615.89	1/4	318.87	1/4	25.77	1/4		1/4		1/4	
1/2	1,790.82	1/2	1,494.09	1/2	1,197.27	1/2	901.73	1/2	609.70	1/2	312.68	1/2	20.62	1/2		1/2		1/2	
3/4	1,784.63	3/4	1,487.90	3/4	1,191.09	3/4	895.68	3/4	603.52	3/4	306.50	3/4	17.52	3/4		3/4		3/4	
5	1,778.45	5	1,481.72	5	1,184.91	5	889.64	5	597.33	5	300.31	5	14.42	5		5		5	
1/4	1,772.27	1/4	1,475.54	1/4	1,178.72	1/4	883.60	1/4	591.14	1/4	294.12	1/4	11.32	1/4		1/4		1/4	
1/2	1,766.08	1/2	1,469.35	1/2	1,172.54	1/2	877.56	1/2	584.95	1/2	287.93	1/2	8.22	1/2		1/2		1/2	
3/4	1,759.90	3/4	1,463.17	3/4	1,166.36	3/4	871.54	3/4	578.76	3/4	281.75	3/4	7.19	3/4		3/4		3/4	
6	1,753.72	6	1,456.99	6	1,160.17	6	865.51	6	572.58	6	275.56	6	6.15	6		6		6	
1/4	1,747.53	1/4	1,450.80	1/4	1,153.99	1/4	859.49	1/4	566.39	1/4	269.37	1/4	5.12	1/4		1/4		1/4	
1/2	1,741.35	1/2	1,444.62	1/2	1,147.80	1/2	853.46	1/2	560.20	1/2	263.18	1/2	4.09	1/2		1/2		1/2	
3/4	1,735.17	3/4	1,438.43	3/4	1,141.62	3/4	847.44	3/4	554.01	3/4	256.99	3/4		3/4		3/4		3/4	
7	1,728.99	7	1,432.25	7	1,135.44	7	841.42	7	547.83	7	250.81	7		7		7		7	
1/4	1,722.80	1/4	1,426.07	1/4	1,129.25	1/4	835.39	1/4	541.64	1/4	244.62	1/4		1/4		1/4		1/4	
1/2	1,716.62	1/2	1,419.88	1/2	1,123.07	1/2	829.37	1/2	535.45	1/2	238.43	1/2		1/2		1/2		1/2	
3/4	1,710.44	3/4	1,413.70	3/4	1,116.89	3/4	823.34	3/4	529.26	3/4	232.24	3/4		3/4		3/4		3/4	
8	1,704.26	8	1,407.52	8	1,110.70	8	817.32	8	523.07	8	226.05	8		8		8		8	
1/4	1,698.08	1/4	1,401.33	1/4	1,104.52	1/4	811.29	1/4	516.89	1/4	219.87	1/4		1/4		1/4		1/4	
1/2	1,691.90	1/2	1,395.15	1/2	1,098.34	1/2	805.27	1/2	510.70	1/2	213.68	1/2		1/2		1/2		1/2	
3/4	1,685.72	3/4	1,388.97	3/4	1,092.15	3/4	799.25	3/4	504.51	3/4	207.49	3/4		3/4		3/4		3/4	
9	1,679.54	9	1,382.78	9	1,085.97	9	793.22	9	498.32	9	201.30	9		9		9		9	
1/4	1,673.36	1/4	1,376.60	1/4	1,079.79	1/4	787.20	1/4	492.13	1/4	195.11	1/4		1/4		1/4		1/4	
1/2	1,667.18	1/2	1,370.41	1/2	1,073.60	1/2	781.17	1/2	485.95	1/2	188.93	1/2		1/2		1/2		1/2	
3/4	1,661.00	3/4	1,364.23	3/4	1,067.42	3/4	775.15	3/4	479.76	3/4	182.74	3/4		3/4		3/4		3/4	
10	1,654.82	10	1,358.05	10	1,061.23	10	769.12	10	473.57	10	176.55	10		10		10		10	
1/4	1,648.64	1/4	1,351.86	1/4	1,055.05	1/4	763.10	1/4	467.38	1/4	170.37	1/4		1/4		1/4		1/4	
1/2	1,642.46	1/2	1,345.68	1/2	1,048.87	1/2	757.08	1/2	461.19	1/2	164.18	1/2		1/2		1/2		1/2	
3/4	1,636.28	3/4	1,339.50	3/4	1,042.68	3/4	751.05	3/4	455.01	3/4	157.99	3/4		3/4		3/4		3/4	
11	1,630.10	11	1,333.31	11	1,036.50	11	745.03	11	448.82	11	151.79	11		11		11		11	
1/4	1,623.92	1/4	1,327.13	1/4	1,030.32	1/4	739.00	1/4	442.63	1/4	145.60	1/4		1/4		1/4		1/4	
1/2	1,617.74	1/2	1,320.95	1/2	1,024.13	1/2	732.98	1/2	436.44	1/2	139.41	1/2		1/2		1/2		1/2	
3/4	1,611.56	3/4	1,314.76	3/4	1,017.95	3/4	726.89	3/4	430.26	3/4	133.22	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/18/2010 CL - SW
CALCULATED: 02/18/2010 CL
PRINTED: 02/18/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2010

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



BARGE "KIRBY 10083"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 10083"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	1,694.10	0	1,430.95	0	1,167.65	0	905.87	0	646.80	0	383.68	0	120.41	0		0		0	
1/4	1,688.62	1/4	1,425.47	1/4	1,162.17	1/4	900.47	1/4	641.36	1/4	378.20	1/4	114.94	1/4		1/4		1/4	
1/2	1,683.14	1/2	1,419.99	1/2	1,156.68	1/2	895.07	1/2	635.92	1/2	372.71	1/2	109.47	1/2		1/2		1/2	
3/4	1,677.66	3/4	1,414.51	3/4	1,151.20	3/4	889.66	3/4	630.48	3/4	367.23	3/4	104.00	3/4		3/4		3/4	
1	1,672.18	1	1,409.02	1	1,145.71	1	884.26	1	625.03	1	361.74	1	98.53	1		1		1	
1/4	1,666.69	1/4	1,403.54	1/4	1,140.23	1/4	878.86	1/4	619.55	1/4	356.26	1/4	93.08	1/4		1/4		1/4	
1/2	1,661.21	1/2	1,398.05	1/2	1,134.74	1/2	873.46	1/2	614.07	1/2	350.77	1/2	87.63	1/2		1/2		1/2	
3/4	1,655.73	3/4	1,392.57	3/4	1,129.25	3/4	868.06	3/4	608.58	3/4	345.29	3/4	82.18	3/4		3/4		3/4	
2	1,650.25	2	1,387.08	2	1,123.77	2	862.66	2	603.10	2	339.80	2	76.73	2		2		2	
1/4	1,644.76	1/4	1,381.60	1/4	1,118.28	1/4	857.26	1/4	597.61	1/4	334.31	1/4	71.31	1/4		1/4		1/4	
1/2	1,639.28	1/2	1,376.11	1/2	1,112.80	1/2	851.86	1/2	592.13	1/2	328.83	1/2	65.89	1/2		1/2		1/2	
3/4	1,633.80	3/4	1,370.62	3/4	1,107.31	3/4	846.46	3/4	586.64	3/4	323.34	3/4	60.47	3/4		3/4		3/4	
3	1,628.32	3	1,365.14	3	1,101.83	3	841.06	3	581.16	3	317.86	3	55.05	3		3		3	
1/4	1,622.83	1/4	1,359.65	1/4	1,096.34	1/4	835.66	1/4	575.67	1/4	312.37	1/4	49.67	1/4		1/4		1/4	
1/2	1,617.35	1/2	1,354.17	1/2	1,090.85	1/2	830.26	1/2	570.19	1/2	306.89	1/2	44.30	1/2		1/2		1/2	
3/4	1,611.87	3/4	1,348.68	3/4	1,085.37	3/4	824.85	3/4	564.70	3/4	301.40	3/4	38.93	3/4		3/4		3/4	
4	1,606.39	4	1,343.20	4	1,079.88	4	819.45	4	559.22	4	295.92	4	33.56	4		4		4	
1/4	1,600.91	1/4	1,337.71	1/4	1,074.40	1/4	814.06	1/4	553.73	1/4	290.43	1/4	28.99	1/4		1/4		1/4	
1/2	1,595.42	1/2	1,332.23	1/2	1,068.91	1/2	808.66	1/2	548.25	1/2	284.95	1/2	24.43	1/2		1/2		1/2	
3/4	1,589.94	3/4	1,326.74	3/4	1,063.43	3/4	803.27	3/4	542.76	3/4	279.46	3/4	19.87	3/4		3/4		3/4	
5	1,584.46	5	1,321.25	5	1,057.94	5	797.87	5	537.27	5	273.98	5	15.31	5		5		5	
1/4	1,578.98	1/4	1,315.77	1/4	1,052.45	1/4	792.48	1/4	531.79	1/4	268.49	1/4	12.56	1/4		1/4		1/4	
1/2	1,573.49	1/2	1,310.28	1/2	1,046.97	1/2	787.08	1/2	526.30	1/2	263.00	1/2	9.82	1/2		1/2		1/2	
3/4	1,568.01	3/4	1,304.80	3/4	1,041.48	3/4	781.69	3/4	520.82	3/4	257.52	3/4	7.08	3/4		3/4		3/4	
6	1,562.53	6	1,299.31	6	1,036.00	6	776.29	6	515.33	6	252.03	6	4.33	6		6		6	
1/4	1,557.05	1/4	1,293.83	1/4	1,030.51	1/4	770.89	1/4	509.85	1/4	246.55	1/4	3.42	1/4		1/4		1/4	
1/2	1,551.56	1/2	1,288.34	1/2	1,025.03	1/2	765.50	1/2	504.36	1/2	241.06	1/2	2.51	1/2		1/2		1/2	
3/4	1,546.08	3/4	1,282.85	3/4	1,019.54	3/4	760.10	3/4	498.88	3/4	235.58	3/4	1.59	3/4		3/4		3/4	
7	1,540.60	7	1,277.37	7	1,014.05	7	754.71	7	493.39	7	230.09	7	0.68	7		7		7	
1/4	1,535.12	1/4	1,271.88	1/4	1,008.61	1/4	749.31	1/4	487.91	1/4	224.61	1/4		1/4		1/4		1/4	
1/2	1,529.64	1/2	1,266.40	1/2	1,003.17	1/2	743.92	1/2	482.42	1/2	219.12	1/2		1/2		1/2		1/2	
3/4	1,524.15	3/4	1,260.91	3/4	997.72	3/4	738.52	3/4	476.94	3/4	213.64	3/4		3/4		3/4		3/4	
8	1,518.67	8	1,255.43	8	992.28	8	733.13	8	471.45	8	208.15	8		8		8		8	
1/4	1,513.19	1/4	1,249.94	1/4	986.88	1/4	727.73	1/4	465.96	1/4	202.67	1/4		1/4		1/4		1/4	
1/2	1,507.71	1/2	1,244.45	1/2	981.48	1/2	722.34	1/2	460.48	1/2	197.18	1/2		1/2		1/2		1/2	
3/4	1,502.22	3/4	1,238.97	3/4	976.08	3/4	716.94	3/4	454.99	3/4	191.69	3/4		3/4		3/4		3/4	
9	1,496.74	9	1,233.48	9	970.68	9	711.54	9	449.51	9	186.21	9		9		9		9	
1/4	1,491.26	1/4	1,228.00	1/4	965.28	1/4	706.15	1/4	444.02	1/4	180.72	1/4		1/4		1/4		1/4	
1/2	1,485.78	1/2	1,222.51	1/2	959.87	1/2	700.75	1/2	438.54	1/2	175.24	1/2		1/2		1/2		1/2	
3/4	1,480.29	3/4	1,217.03	3/4	954.47	3/4	695.36	3/4	433.05	3/4	169.75	3/4		3/4		3/4		3/4	
10	1,474.81	10	1,211.54	10	949.07	10	689.96	10	427.57	10	164.27	10		10		10		10	
1/4	1,469.33	1/4	1,206.05	1/4	943.67	1/4	684.57	1/4	422.08	1/4	158.78	1/4		1/4		1/4		1/4	
1/2	1,463.85	1/2	1,200.57	1/2	938.27	1/2	679.17	1/2	416.60	1/2	153.30	1/2		1/2		1/2		1/2	
3/4	1,458.37	3/4	1,195.08	3/4	932.87	3/4	673.78	3/4	411.11	3/4	147.81	3/4		3/4		3/4		3/4	
11	1,452.88	11	1,189.60	11	927.47	11	668.38	11	405.62	11	142.33	11		11		11		11	
1/4	1,447.40	1/4	1,184.11	1/4	922.07	1/4	662.99	1/4	400.14	1/4	136.85	1/4		1/4		1/4		1/4	
1/2	1,441.92	1/2	1,178.63	1/2	916.67	1/2	657.59	1/2	394.65	1/2	131.37	1/2		1/2		1/2		1/2	
3/4	1,436.44	3/4	1,173.14	3/4	911.27	3/4	652.20	3/4	389.17	3/4	125.89	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/18/2010 CL - SW
CALCULATED: 02/18/2010 CL
PRINTED: 02/18/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2010

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



BARGE "KIRBY 10083"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	3,475.29	0	3,250.23	0	2,990.35	0	2,730.47	0	2,470.23	0	2,208.95	0	1,947.67
1/4		1/4		1/4		1/4	3,474.38	1/4	3,244.82	1/4	2,984.93	1/4	2,725.05	1/4	2,464.79	1/4	2,203.51	1/4	1,942.22
1/2		1/2		1/2		1/2	3,473.47	1/2	3,239.40	1/2	2,979.52	1/2	2,719.64	1/2	2,459.35	1/2	2,198.06	1/2	1,936.78
3/4		3/4		3/4		3/4	3,472.56	3/4	3,233.99	3/4	2,974.11	3/4	2,714.22	3/4	2,453.90	3/4	2,192.62	3/4	1,931.34
1		1		1		1	3,471.65	1	3,228.57	1	2,968.69	1	2,708.81	1	2,448.46	1	2,187.18	1	1,925.89
1/4		1/4		1/4		1/4	3,468.93	1/4	3,223.16	1/4	2,963.28	1/4	2,703.40	1/4	2,443.02	1/4	2,181.73	1/4	1,920.45
1/2		1/2		1/2		1/2	3,466.21	1/2	3,217.74	1/2	2,957.86	1/2	2,697.98	1/2	2,437.57	1/2	2,176.29	1/2	1,915.01
3/4		3/4		3/4		3/4	3,463.48	3/4	3,212.33	3/4	2,952.45	3/4	2,692.57	3/4	2,432.13	3/4	2,170.85	3/4	1,909.56
2		2		2		2	3,460.76	2	3,206.92	2	2,947.03	2	2,687.15	2	2,426.69	2	2,165.40	2	1,904.12
1/4		1/4		1/4		1/4	3,456.22	1/4	3,201.50	1/4	2,941.62	1/4	2,681.74	1/4	2,421.24	1/4	2,159.96	1/4	1,898.68
1/2		1/2		1/2		1/2	3,451.69	1/2	3,196.09	1/2	2,936.21	1/2	2,676.32	1/2	2,415.80	1/2	2,154.52	1/2	1,893.23
3/4		3/4		3/4		3/4	3,447.15	3/4	3,190.67	3/4	2,930.79	3/4	2,670.91	3/4	2,410.36	3/4	2,149.07	3/4	1,887.79
3		3		3		3	3,442.61	3	3,185.26	3	2,925.38	3	2,665.50	3	2,404.91	3	2,143.63	3	1,882.35
1/4		1/4		1/4		1/4	3,437.34	1/4	3,179.85	1/4	2,919.96	1/4	2,660.08	1/4	2,399.47	1/4	2,138.19	1/4	1,876.90
1/2		1/2		1/2		1/2	3,432.06	1/2	3,174.43	1/2	2,914.55	1/2	2,654.67	1/2	2,394.03	1/2	2,132.74	1/2	1,871.46
3/4		3/4		3/4		3/4	3,426.79	3/4	3,169.02	3/4	2,909.14	3/4	2,649.25	3/4	2,388.58	3/4	2,127.30	3/4	1,866.02
4		4		4		4	3,421.51	4	3,163.60	4	2,903.72	4	2,643.84	4	2,383.14	4	2,121.86	4	1,860.57
1/4		1/4		1/4		1/4	3,416.20	1/4	3,158.19	1/4	2,898.31	1/4	2,638.43	1/4	2,377.70	1/4	2,116.41	1/4	1,855.13
1/2		1/2		1/2		1/2	3,410.90	1/2	3,152.77	1/2	2,892.89	1/2	2,633.01	1/2	2,372.25	1/2	2,110.97	1/2	1,849.69
3/4		3/4		3/4		3/4	3,405.59	3/4	3,147.36	3/4	2,887.48	3/4	2,627.60	3/4	2,366.81	3/4	2,105.53	3/4	1,844.24
5		5		5		5	3,400.29	5	3,141.95	5	2,882.06	5	2,622.18	5	2,361.37	5	2,100.08	5	1,838.80
1/4		1/4		1/4		1/4	3,394.97	1/4	3,136.53	1/4	2,876.65	1/4	2,616.77	1/4	2,355.92	1/4	2,094.64	1/4	1,833.36
1/2		1/2		1/2		1/2	3,389.65	1/2	3,131.12	1/2	2,871.24	1/2	2,611.35	1/2	2,350.48	1/2	2,089.20	1/2	1,827.91
3/4		3/4		3/4		3/4	3,384.32	3/4	3,125.70	3/4	2,865.82	3/4	2,605.94	3/4	2,345.04	3/4	2,083.75	3/4	1,822.47
6		6		6		6	3,379.00	6	3,120.29	6	2,860.41	6	2,600.53	6	2,339.59	6	2,078.31	6	1,817.03
1/4		1/4		1/4		1/4	3,373.69	1/4	3,114.88	1/4	2,854.99	1/4	2,595.11	1/4	2,334.15	1/4	2,072.87	1/4	1,811.58
1/2		1/2		1/2		1/2	3,368.37	1/2	3,109.46	1/2	2,849.58	1/2	2,589.70	1/2	2,328.71	1/2	2,067.42	1/2	1,806.14
3/4		3/4		3/4		3/4	3,363.05	3/4	3,104.05	3/4	2,844.16	3/4	2,584.28	3/4	2,323.26	3/4	2,061.98	3/4	1,800.70
7		7		7		7	3,357.73	7	3,098.63	7	2,838.75	7	2,578.87	7	2,317.82	7	2,056.54	7	1,795.25
1/4		1/4		1/4		1/4	3,352.41	1/4	3,093.22	1/4	2,833.34	1/4	2,573.45	1/4	2,312.38	1/4	2,051.09	1/4	1,789.81
1/2		1/2		1/2		1/2	3,347.10	1/2	3,087.80	1/2	2,827.92	1/2	2,568.04	1/2	2,306.93	1/2	2,045.65	1/2	1,784.37
3/4		3/4		3/4		3/4	3,341.78	3/4	3,082.39	3/4	2,822.51	3/4	2,562.63	3/4	2,301.49	3/4	2,040.21	3/4	1,778.92
8		8		8		8	3,336.46	8	3,076.98	8	2,817.09	8	2,557.21	8	2,296.05	8	2,034.76	8	1,773.48
1/4		1/4		1/4		1/4	3,331.15	1/4	3,071.56	1/4	2,811.68	1/4	2,551.80	1/4	2,290.60	1/4	2,029.32	1/4	1,768.04
1/2		1/2		1/2		1/2	3,325.83	1/2	3,066.15	1/2	2,806.27	1/2	2,546.38	1/2	2,285.16	1/2	2,023.88	1/2	1,762.59
3/4		3/4		3/4		3/4	3,320.52	3/4	3,060.73	3/4	2,800.85	3/4	2,540.97	3/4	2,279.72	3/4	2,018.43	3/4	1,757.15
9		9		9		9	3,315.20	9	3,055.32	9	2,795.44	9	2,535.56	9	2,274.27	9	2,012.99	9	1,751.71
1/4		1/4		1/4		1/4	3,309.79	1/4	3,049.90	1/4	2,790.02	1/4	2,530.11	1/4	2,268.83	1/4	2,007.55	1/4	1,746.26
1/2		1/2		1/2		1/2	3,304.37	1/2	3,044.49	1/2	2,784.61	1/2	2,524.67	1/2	2,263.39	1/2	2,002.10	1/2	1,740.82
3/4		3/4		3/4		3/4	3,298.96	3/4	3,039.08	3/4	2,779.19	3/4	2,519.23	3/4	2,257.94	3/4	1,996.66	3/4	1,735.38
10		10		10		10	3,293.54	10	3,033.66	10	2,773.78	10	2,513.78	10	2,252.50	10	1,991.22	10	1,729.93
1/4		1/4		1/4		1/4	3,288.13	1/4	3,028.25	1/4	2,768.37	1/4	2,508.34	1/4	2,247.06	1/4	1,985.77	1/4	1,724.49
1/2		1/2		1/2		1/2	3,282.72	1/2	3,022.83	1/2	2,762.95	1/2	2,502.90	1/2	2,241.61	1/2	1,980.33	1/2	1,719.05
3/4		3/4		3/4		3/4	3,277.30	3/4	3,017.42	3/4	2,757.54	3/4	2,497.45	3/4	2,236.17	3/4	1,974.89	3/4	1,713.60
11		11		11		11	3,271.89	11	3,012.01	11	2,752.12	11	2,492.01	11	2,230.73	11	1,969.44	11	1,708.16
1/4		1/4		1/4		1/4	3,266.47	1/4	3,006.59	1/4	2,746.71	1/4	2,486.56	1/4	2,225.28	1/4	1,964.00	1/4	1,702.72
1/2		1/2		1/2		1/2	3,261.06	1/2	3,001.18	1/2	2,741.30	1/2	2,481.12	1/2	2,219.84	1/2	1,958.56	1/2	1,697.27
3/4		3/4		3/4		3/4	3,255.64	3/4	2,995.76	3/4	2,735.88	3/4	2,475.68	3/4	2,214.39	3/4	1,953.11	3/4	1,691.83

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 10083"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	1,686.39	0	1,425.10	0	1,163.66	0	902.94	0	642.39	0	380.97	0	119.56	0		0			
1/4	1,680.94	1/4	1,419.66	1/4	1,158.22	1/4	897.53	1/4	636.95	1/4	375.52	1/4	114.13	1/4		1/4			
1/2	1,675.50	1/2	1,414.22	1/2	1,152.77	1/2	892.12	1/2	631.50	1/2	370.07	1/2	108.70	1/2		1/2			
3/4	1,670.05	3/4	1,408.77	3/4	1,147.32	3/4	886.71	3/4	626.06	3/4	364.63	3/4	103.27	3/4		3/4			
1	1,664.61	1	1,403.33	1	1,141.88	1	881.30	1	620.61	1	359.18	1	97.84	1		1			
1/4	1,659.17	1/4	1,397.88	1/4	1,136.43	1/4	875.89	1/4	615.17	1/4	353.74	1/4	92.43	1/4		1/4			
1/2	1,653.72	1/2	1,392.43	1/2	1,130.98	1/2	870.48	1/2	609.72	1/2	348.29	1/2	87.02	1/2		1/2			
3/4	1,648.28	3/4	1,386.99	3/4	1,125.54	3/4	865.07	3/4	604.27	3/4	342.84	3/4	81.60	3/4		3/4			
2	1,642.84	2	1,381.54	2	1,120.09	2	859.66	2	598.83	2	337.40	2	76.19	2		2			
1/4	1,637.39	1/4	1,376.09	1/4	1,114.64	1/4	854.25	1/4	593.38	1/4	331.95	1/4	70.81	1/4		1/4			
1/2	1,631.95	1/2	1,370.65	1/2	1,109.20	1/2	848.84	1/2	587.93	1/2	326.50	1/2	65.43	1/2		1/2			
3/4	1,626.51	3/4	1,365.20	3/4	1,103.75	3/4	843.43	3/4	582.49	3/4	321.06	3/4	60.04	3/4		3/4			
3	1,621.06	3	1,359.75	3	1,098.30	3	838.02	3	577.04	3	315.61	3	54.66	3		3			
1/4	1,615.62	1/4	1,354.31	1/4	1,092.86	1/4	832.61	1/4	571.60	1/4	310.16	1/4	49.32	1/4		1/4			
1/2	1,610.18	1/2	1,348.86	1/2	1,087.41	1/2	827.19	1/2	566.15	1/2	304.72	1/2	43.99	1/2		1/2			
3/4	1,604.73	3/4	1,343.41	3/4	1,081.96	3/4	821.78	3/4	560.70	3/4	299.27	3/4	38.66	3/4		3/4			
4	1,599.29	4	1,337.97	4	1,076.51	4	816.37	4	555.26	4	293.82	4	33.32	4		4			
1/4	1,593.85	1/4	1,332.52	1/4	1,071.07	1/4	810.97	1/4	549.81	1/4	288.38	1/4	28.79	1/4		1/4			
1/2	1,588.40	1/2	1,327.07	1/2	1,065.62	1/2	805.56	1/2	544.36	1/2	282.93	1/2	24.26	1/2		1/2			
3/4	1,582.96	3/4	1,321.62	3/4	1,060.17	3/4	800.16	3/4	538.92	3/4	277.48	3/4	19.73	3/4		3/4			
5	1,577.52	5	1,316.18	5	1,054.73	5	794.75	5	533.47	5	272.04	5	15.20	5		5			
1/4	1,572.07	1/4	1,310.73	1/4	1,049.28	1/4	789.31	1/4	528.02	1/4	266.59	1/4	12.48	1/4		1/4			
1/2	1,566.63	1/2	1,305.28	1/2	1,043.83	1/2	783.87	1/2	522.58	1/2	261.14	1/2	9.75	1/2		1/2			
3/4	1,561.19	3/4	1,299.84	3/4	1,038.39	3/4	778.43	3/4	517.13	3/4	255.70	3/4	7.03	3/4		3/4			
6	1,555.74	6	1,293.39	6	1,032.94	6	772.99	6	511.68	6	250.25	6	4.31	6		6			
1/4	1,550.30	1/4	1,288.94	1/4	1,027.49	1/4	767.54	1/4	506.24	1/4	244.81	1/4	3.40	1/4		1/4			
1/2	1,544.86	1/2	1,283.50	1/2	1,022.05	1/2	762.10	1/2	500.79	1/2	239.36	1/2	2.49	1/2		1/2			
3/4	1,539.41	3/4	1,278.05	3/4	1,016.60	3/4	756.66	3/4	495.34	3/4	233.91	3/4	1.59	3/4		3/4			
7	1,533.97	7	1,272.60	7	1,011.15	7	751.22	7	489.90	7	228.47	7	0.68	7		7			
1/4	1,528.53	1/4	1,267.16	1/4	1,005.74	1/4	745.78	1/4	484.45	1/4	223.02	1/4		1/4		1/4			
1/2	1,523.08	1/2	1,261.71	1/2	1,000.33	1/2	740.34	1/2	479.00	1/2	217.57	1/2		1/2		1/2			
3/4	1,517.64	3/4	1,256.26	3/4	994.92	3/4	734.90	3/4	473.56	3/4	212.13	3/4		3/4		3/4			
8	1,512.20	8	1,250.82	8	989.51	8	729.45	8	468.11	8	206.68	8		8		8			
1/4	1,506.75	1/4	1,245.37	1/4	984.10	1/4	724.01	1/4	462.67	1/4	201.23	1/4		1/4		1/4			
1/2	1,501.31	1/2	1,239.92	1/2	978.69	1/2	718.57	1/2	457.22	1/2	195.79	1/2		1/2		1/2			
3/4	1,495.87	3/4	1,234.47	3/4	973.28	3/4	713.13	3/4	451.77	3/4	190.34	3/4		3/4		3/4			
9	1,490.42	9	1,229.03	9	967.87	9	707.69	9	446.33	9	184.89	9		9		9			
1/4	1,484.98	1/4	1,223.58	1/4	962.46	1/4	702.25	1/4	440.88	1/4	179.45	1/4		1/4		1/4			
1/2	1,479.54	1/2	1,218.13	1/2	957.05	1/2	696.80	1/2	435.43	1/2	174.00	1/2		1/2		1/2			
3/4	1,474.09	3/4	1,212.69	3/4	951.64	3/4	691.36	3/4	429.99	3/4	168.55	3/4		3/4		3/4			
10	1,468.65	10	1,207.24	10	946.23	10	685.92	10	424.54	10	163.11	10		10		10			
1/4	1,463.21	1/4	1,201.79	1/4	940.82	1/4	680.48	1/4	419.09	1/4	157.66	1/4		1/4		1/4			
1/2	1,457.76	1/2	1,196.35	1/2	935.40	1/2	675.04	1/2	413.65	1/2	152.22	1/2		1/2		1/2			
3/4	1,452.32	3/4	1,190.90	3/4	929.99	3/4	669.60	3/4	408.20	3/4	146.77	3/4		3/4		3/4			
11	1,446.88	11	1,185.45	11	924.58	11	664.16	11	402.75	11	141.32	11		11		11			
1/4	1,441.43	1/4	1,180.01	1/4	919.17	1/4	658.72	1/4	397.31	1/4	135.88	1/4		1/4		1/4			
1/2	1,435.99	1/2	1,174.56	1/2	913.76	1/2	653.27	1/2	391.86	1/2	130.44	1/2		1/2		1/2			
3/4	1,430.55	3/4	1,169.11	3/4	908.35	3/4	647.83	3/4	386.41	3/4	125.00	3/4		3/4		3/4			

STRAPPED: 02/18/2010 CL - SW
CALCULATED: 02/18/2010 CL
PRINTED: 02/18/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

