



BARGE "KIRBY 29100"

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 PORT	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-7/8	- 01-7/8
1 STBD	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-7/8	- 01-7/8
2 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8
2 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8
3 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8
3 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8

(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 PORT IS - 00-5/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

January 27, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29100"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

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

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 12'-09" OFF CENTERLINE AND 52'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29100"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	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	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	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	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	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	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	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	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	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	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	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	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	

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 12'-09" OFF CENTERLINE AND 52'-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 "KIRBY 29100"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,428.28	0	2,050.33	0	1,672.37	0	1,294.41	0	916.74	0	538.92	0	189.42	0		0		0	
1/4	2,420.41	1/4	2,042.45	1/4	1,664.50	1/4	1,286.54	1/4	908.88	1/4	531.05	1/4	182.79	1/4		1/4		1/4	
1/2	2,412.54	1/2	2,034.58	1/2	1,656.62	1/2	1,278.66	1/2	901.02	1/2	523.19	1/2	176.16	1/2		1/2		1/2	
3/4	2,404.66	3/4	2,026.70	3/4	1,648.75	3/4	1,270.79	3/4	893.16	3/4	515.37	3/4	169.65	3/4		3/4		3/4	
1	2,396.79	1	2,018.83	1	1,640.87	1	1,262.92	1	885.29	1	507.56	1	163.13	1		1		1	
1/4	2,388.91	1/4	2,010.96	1/4	1,633.00	1/4	1,255.04	1/4	877.43	1/4	499.74	1/4	156.61	1/4		1/4		1/4	
1/2	2,381.04	1/2	2,003.08	1/2	1,625.13	1/2	1,247.17	1/2	869.57	1/2	491.93	1/2	150.09	1/2		1/2		1/2	
3/4	2,373.16	3/4	1,995.21	3/4	1,617.25	3/4	1,239.29	3/4	861.70	3/4	484.20	3/4	143.69	3/4		3/4		3/4	
2	2,365.29	2	1,987.33	2	1,609.38	2	1,231.42	2	853.84	2	476.48	2	137.29	2		2		2	
1/4	2,357.42	1/4	1,979.46	1/4	1,601.50	1/4	1,223.55	1/4	845.97	1/4	468.76	1/4	130.89	1/4		1/4		1/4	
1/2	2,349.54	1/2	1,971.59	1/2	1,593.63	1/2	1,215.67	1/2	838.11	1/2	461.03	1/2	124.48	1/2		1/2		1/2	
3/4	2,341.67	3/4	1,963.71	3/4	1,585.75	3/4	1,207.80	3/4	830.23	3/4	453.42	3/4	118.20	3/4		3/4		3/4	
3	2,333.79	3	1,955.84	3	1,577.88	3	1,199.92	3	822.36	3	445.81	3	111.92	3		3		3	
1/4	2,325.92	1/4	1,947.96	1/4	1,570.01	1/4	1,192.05	1/4	814.48	1/4	438.19	1/4	105.64	1/4		1/4		1/4	
1/2	2,318.05	1/2	1,940.09	1/2	1,562.13	1/2	1,184.18	1/2	806.61	1/2	430.58	1/2	99.36	1/2		1/2		1/2	
3/4	2,310.17	3/4	1,932.22	3/4	1,554.26	3/4	1,176.30	3/4	798.74	3/4	423.07	3/4	93.21	3/4		3/4		3/4	
4	2,302.30	4	1,924.34	4	1,546.38	4	1,168.43	4	790.86	4	415.57	4	87.06	4		4		4	
1/4	2,294.42	1/4	1,916.47	1/4	1,538.51	1/4	1,160.55	1/4	782.99	1/4	408.06	1/4	80.91	1/4		1/4		1/4	
1/2	2,286.55	1/2	1,908.59	1/2	1,530.64	1/2	1,152.68	1/2	775.11	1/2	400.56	1/2	74.75	1/2		1/2		1/2	
3/4	2,278.68	3/4	1,900.72	3/4	1,522.76	3/4	1,144.81	3/4	767.24	3/4	393.16	3/4	68.74	3/4		3/4		3/4	
5	2,270.80	5	1,892.84	5	1,514.89	5	1,136.93	5	759.37	5	385.77	5	62.73	5		5		5	
1/4	2,262.93	1/4	1,884.97	1/4	1,507.01	1/4	1,129.06	1/4	751.49	1/4	378.37	1/4	56.72	1/4		1/4		1/4	
1/2	2,255.05	1/2	1,877.10	1/2	1,499.14	1/2	1,121.18	1/2	743.62	1/2	370.98	1/2	50.71	1/2		1/2		1/2	
3/4	2,247.18	3/4	1,869.22	3/4	1,491.27	3/4	1,113.31	3/4	735.74	3/4	363.69	3/4	45.30	3/4		3/4		3/4	
6	2,239.31	6	1,861.35	6	1,483.39	6	1,105.44	6	727.87	6	356.41	6	39.88	6		6		6	
1/4	2,231.43	1/4	1,853.47	1/4	1,475.52	1/4	1,097.58	1/4	720.00	1/4	349.12	1/4	34.46	1/4		1/4		1/4	
1/2	2,223.56	1/2	1,845.60	1/2	1,467.64	1/2	1,089.71	1/2	712.12	1/2	341.83	1/2	29.04	1/2		1/2		1/2	
3/4	2,215.68	3/4	1,837.73	3/4	1,459.77	3/4	1,081.84	3/4	704.25	3/4	334.66	3/4	25.08	3/4		3/4		3/4	
7	2,207.81	7	1,829.85	7	1,451.90	7	1,073.98	7	696.38	7	327.48	7	21.12	7		7		7	
1/4	2,199.93	1/4	1,821.98	1/4	1,444.02	1/4	1,066.12	1/4	688.50	1/4	320.30	1/4	17.15	1/4		1/4		1/4	
1/2	2,192.06	1/2	1,814.10	1/2	1,436.15	1/2	1,058.26	1/2	680.63	1/2	313.13	1/2	13.19	1/2		1/2		1/2	
3/4	2,184.19	3/4	1,806.23	3/4	1,428.27	3/4	1,050.40	3/4	672.75	3/4	306.06	3/4		3/4		3/4		3/4	
8	2,176.31	8	1,798.36	8	1,420.40	8	1,042.53	8	664.88	8	298.99	8		8		8		8	
1/4	2,168.44	1/4	1,790.48	1/4	1,412.52	1/4	1,034.67	1/4	657.01	1/4	291.93	1/4		1/4		1/4		1/4	
1/2	2,160.56	1/2	1,782.61	1/2	1,404.65	1/2	1,026.81	1/2	649.13	1/2	284.86	1/2		1/2		1/2		1/2	
3/4	2,152.69	3/4	1,774.73	3/4	1,396.78	3/4	1,018.95	3/4	641.26	3/4	277.90	3/4		3/4		3/4		3/4	
9	2,144.82	9	1,766.86	9	1,388.90	9	1,011.09	9	633.38	9	270.94	9		9		9		9	
1/4	2,136.94	1/4	1,758.98	1/4	1,381.03	1/4	1,003.22	1/4	625.51	1/4	263.99	1/4		1/4		1/4		1/4	
1/2	2,129.07	1/2	1,751.11	1/2	1,373.15	1/2	995.36	1/2	617.64	1/2	257.03	1/2		1/2		1/2		1/2	
3/4	2,121.19	3/4	1,743.24	3/4	1,365.28	3/4	987.50	3/4	609.76	3/4	250.18	3/4		3/4		3/4		3/4	
10	2,113.32	10	1,735.36	10	1,357.41	10	979.64	10	601.89	10	243.33	10		10		10		10	
1/4	2,105.45	1/4	1,727.49	1/4	1,349.53	1/4	971.78	1/4	594.01	1/4	236.48	1/4		1/4		1/4		1/4	
1/2	2,097.57	1/2	1,719.61	1/2	1,341.66	1/2	963.91	1/2	586.14	1/2	229.64	1/2		1/2		1/2		1/2	
3/4	2,089.70	3/4	1,711.74	3/4	1,333.78	3/4	956.05	3/4	578.27	3/4	222.90	3/4		3/4		3/4		3/4	
11	2,081.82	11	1,703.87	11	1,325.91	11	948.19	11	570.39	11	216.16	11		11		11		11	
1/4	2,073.95	1/4	1,695.99	1/4	1,318.04	1/4	940.33	1/4	562.52	1/4	209.42	1/4		1/4		1/4		1/4	
1/2	2,066.07	1/2	1,688.12	1/2	1,310.16	1/2	932.47	1/2	554.64	1/2	202.68	1/2		1/2		1/2		1/2	
3/4	2,058.20	3/4	1,680.24	3/4	1,302.29	3/4	924.60	3/4	546.78	3/4	196.05	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/2013 SW
CALCULATED: 01/27/2013 CL
PRINTED: 01/27/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "KIRBY 29100"

2 STBD ULLAGE 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.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,373.32	0	2,014.43	0	1,655.54	0	1,296.65	0	938.05	0	579.26	0	220.39	0		0		0	
1/4	2,365.84	1/4	2,006.95	1/4	1,648.06	1/4	1,289.17	1/4	930.59	1/4	571.79	1/4	212.91	1/4		1/4		1/4	
1/2	2,358.37	1/2	1,999.48	1/2	1,640.59	1/2	1,281.69	1/2	923.12	1/2	564.31	1/2	205.43	1/2		1/2		1/2	
3/4	2,350.89	3/4	1,992.00	3/4	1,633.11	3/4	1,274.22	3/4	915.66	3/4	556.83	3/4	197.96	3/4		3/4		3/4	
1	2,343.41	1	1,984.52	1	1,625.63	1	1,266.74	1	908.20	1	549.36	1	190.49	1		1		1	
1/4	2,335.94	1/4	1,977.05	1/4	1,618.15	1/4	1,259.26	1/4	900.73	1/4	541.88	1/4	183.01	1/4		1/4		1/4	
1/2	2,328.46	1/2	1,969.57	1/2	1,610.68	1/2	1,251.79	1/2	893.26	1/2	534.40	1/2	175.54	1/2		1/2		1/2	
3/4	2,320.98	3/4	1,962.09	3/4	1,603.20	3/4	1,244.31	3/4	885.79	3/4	526.93	3/4	168.07	3/4		3/4		3/4	
2	2,313.51	2	1,954.61	2	1,595.72	2	1,236.83	2	878.32	2	519.45	2	160.61	2		2		2	
1/4	2,306.03	1/4	1,947.14	1/4	1,588.25	1/4	1,229.36	1/4	870.85	1/4	511.97	1/4	153.14	1/4		1/4		1/4	
1/2	2,298.55	1/2	1,939.66	1/2	1,580.77	1/2	1,221.88	1/2	863.37	1/2	504.50	1/2	145.68	1/2		1/2		1/2	
3/4	2,291.08	3/4	1,932.18	3/4	1,573.29	3/4	1,214.40	3/4	855.90	3/4	497.02	3/4	138.22	3/4		3/4		3/4	
3	2,283.60	3	1,924.71	3	1,565.82	3	1,206.92	3	848.42	3	489.54	3	130.77	3		3		3	
1/4	2,276.12	1/4	1,917.23	1/4	1,558.34	1/4	1,199.45	1/4	840.94	1/4	482.07	1/4	123.31	1/4		1/4		1/4	
1/2	2,268.64	1/2	1,909.75	1/2	1,550.86	1/2	1,191.97	1/2	833.47	1/2	474.59	1/2	115.87	1/2		1/2		1/2	
3/4	2,261.17	3/4	1,902.28	3/4	1,543.39	3/4	1,184.49	3/4	825.99	3/4	467.11	3/4	108.43	3/4		3/4		3/4	
4	2,253.69	4	1,894.80	4	1,535.91	4	1,177.02	4	818.51	4	459.64	4	100.99	4		4		4	
1/4	2,246.21	1/4	1,887.32	1/4	1,528.43	1/4	1,169.54	1/4	811.04	1/4	452.16	1/4	93.56	1/4		1/4		1/4	
1/2	2,238.74	1/2	1,879.85	1/2	1,520.95	1/2	1,162.06	1/2	803.56	1/2	444.68	1/2	86.15	1/2		1/2		1/2	
3/4	2,231.26	3/4	1,872.37	3/4	1,513.48	3/4	1,154.59	3/4	796.08	3/4	437.21	3/4	78.74	3/4		3/4		3/4	
5	2,223.78	5	1,864.89	5	1,506.00	5	1,147.11	5	788.61	5	429.73	5	71.33	5		5		5	
1/4	2,216.31	1/4	1,857.42	1/4	1,498.52	1/4	1,139.63	1/4	781.13	1/4	422.25	1/4	63.92	1/4		1/4		1/4	
1/2	2,208.83	1/2	1,849.94	1/2	1,491.05	1/2	1,132.16	1/2	773.65	1/2	414.78	1/2	56.97	1/2		1/2		1/2	
3/4	2,201.35	3/4	1,842.46	3/4	1,483.57	3/4	1,124.69	3/4	766.18	3/4	407.30	3/4	50.03	3/4		3/4		3/4	
6	2,193.88	6	1,834.98	6	1,476.09	6	1,117.22	6	758.70	6	399.82	6	43.08	6		6		6	
1/4	2,186.40	1/4	1,827.51	1/4	1,468.62	1/4	1,109.74	1/4	751.22	1/4	392.35	1/4	36.13	1/4		1/4		1/4	
1/2	2,178.92	1/2	1,820.03	1/2	1,461.14	1/2	1,102.28	1/2	743.75	1/2	384.87	1/2	30.84	1/2		1/2		1/2	
3/4	2,171.45	3/4	1,812.55	3/4	1,453.66	3/4	1,094.81	3/4	736.27	3/4	377.39	3/4	25.54	3/4		3/4		3/4	
7	2,163.97	7	1,805.08	7	1,446.19	7	1,087.35	7	728.79	7	369.92	7	20.25	7		7		7	
1/4	2,156.49	1/4	1,797.60	1/4	1,438.71	1/4	1,079.88	1/4	721.32	1/4	362.44	1/4	14.96	1/4		1/4		1/4	
1/2	2,149.01	1/2	1,790.12	1/2	1,431.23	1/2	1,072.42	1/2	713.84	1/2	354.96	1/2		1/2		1/2		1/2	
3/4	2,141.54	3/4	1,782.65	3/4	1,423.76	3/4	1,064.95	3/4	706.36	3/4	347.49	3/4		3/4		3/4		3/4	
8	2,134.06	8	1,775.17	8	1,416.28	8	1,057.49	8	698.89	8	340.01	8		8		8		8	
1/4	2,126.58	1/4	1,767.69	1/4	1,408.80	1/4	1,050.02	1/4	691.41	1/4	332.53	1/4		1/4		1/4		1/4	
1/2	2,119.11	1/2	1,760.22	1/2	1,401.32	1/2	1,042.56	1/2	683.93	1/2	325.06	1/2		1/2		1/2		1/2	
3/4	2,111.63	3/4	1,752.74	3/4	1,393.85	3/4	1,035.10	3/4	676.46	3/4	317.58	3/4		3/4		3/4		3/4	
9	2,104.15	9	1,745.26	9	1,386.37	9	1,027.63	9	668.98	9	310.10	9		9		9		9	
1/4	2,096.68	1/4	1,737.78	1/4	1,378.89	1/4	1,020.17	1/4	661.50	1/4	302.63	1/4		1/4		1/4		1/4	
1/2	2,089.20	1/2	1,730.31	1/2	1,371.42	1/2	1,012.70	1/2	654.03	1/2	295.15	1/2		1/2		1/2		1/2	
3/4	2,081.72	3/4	1,722.83	3/4	1,363.94	3/4	1,005.24	3/4	646.55	3/4	287.67	3/4		3/4		3/4		3/4	
10	2,074.25	10	1,715.35	10	1,356.46	10	997.77	10	639.07	10	280.20	10		10		10		10	
1/4	2,066.77	1/4	1,707.88	1/4	1,348.99	1/4	990.31	1/4	631.60	1/4	272.72	1/4		1/4		1/4		1/4	
1/2	2,059.29	1/2	1,700.40	1/2	1,341.51	1/2	982.84	1/2	624.12	1/2	265.24	1/2		1/2		1/2		1/2	
3/4	2,051.81	3/4	1,692.92	3/4	1,334.03	3/4	975.38	3/4	616.64	3/4	257.77	3/4		3/4		3/4		3/4	
11	2,044.34	11	1,685.45	11	1,326.56	11	967.91	11	609.17	11	250.29	11		11		11		11	
1/4	2,036.86	1/4	1,677.97	1/4	1,319.08	1/4	960.45	1/4	601.69	1/4	242.81	1/4		1/4		1/4		1/4	
1/2	2,029.38	1/2	1,670.49	1/2	1,311.60	1/2	952.98	1/2	594.22	1/2	235.34	1/2		1/2		1/2		1/2	
3/4	2,021.91	3/4	1,663.02	3/4	1,304.12	3/4	945.52	3/4	586.74	3/4	227.86	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/2013 SW
CALCULATED: 01/27/2013 CL
PRINTED: 01/27/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "KIRBY 29100"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,276.55	0	1,919.65	0	1,563.71	0	1,207.15	0	862.89	0	505.89	0	148.68	0		0		0	
1/4	2,269.12	1/4	1,912.21	1/4	1,556.30	1/4	1,199.98	1/4	855.47	1/4	498.45	1/4	141.24	1/4	1/4	1/4		1/4	1/4
1/2	2,261.70	1/2	1,904.77	1/2	1,548.88	1/2	1,192.81	1/2	848.05	1/2	491.01	1/2	133.80	1/2	1/2	1/2		1/2	1/2
3/4	2,254.27	3/4	1,897.36	3/4	1,541.44	3/4	1,185.63	3/4	840.63	3/4	483.57	3/4	126.36	3/4	3/4	3/4		3/4	3/4
1	2,246.84	1	1,889.94	1	1,534.00	1	1,178.46	1	833.21	1	476.13	1	118.92	1	1	1		1	1
1/4	2,239.42	1/4	1,882.53	1/4	1,526.56	1/4	1,171.29	1/4	825.79	1/4	468.68	1/4	111.48	1/4	1/4	1/4		1/4	1/4
1/2	2,231.99	1/2	1,875.11	1/2	1,519.12	1/2	1,164.12	1/2	818.37	1/2	461.24	1/2	104.03	1/2	1/2	1/2		1/2	1/2
3/4	2,224.56	3/4	1,867.70	3/4	1,511.68	3/4	1,156.94	3/4	810.95	3/4	453.80	3/4	96.91	3/4	3/4	3/4		3/4	3/4
2	2,217.14	2	1,860.28	2	1,504.24	2	1,149.77	2	803.53	2	446.36	2	89.78	2	2	2		2	2
1/4	2,209.71	1/4	1,852.87	1/4	1,496.80	1/4	1,142.60	1/4	796.11	1/4	438.92	1/4	82.65	1/4	1/4	1/4		1/4	1/4
1/2	2,202.28	1/2	1,845.46	1/2	1,489.36	1/2	1,135.43	1/2	788.69	1/2	431.48	1/2	75.53	1/2	1/2	1/2		1/2	1/2
3/4	2,194.86	3/4	1,838.04	3/4	1,481.92	3/4	1,128.25	3/4	781.24	3/4	424.03	3/4	69.34	3/4	3/4	3/4		3/4	3/4
3	2,187.43	3	1,830.63	3	1,474.48	3	1,121.08	3	773.80	3	416.59	3	63.16	3	3	3		3	3
1/4	2,180.00	1/4	1,823.21	1/4	1,467.04	1/4	1,113.91	1/4	766.36	1/4	409.15	1/4	56.97	1/4	1/4	1/4		1/4	1/4
1/2	2,172.58	1/2	1,815.80	1/2	1,459.60	1/2	1,106.74	1/2	758.92	1/2	401.71	1/2	50.78	1/2	1/2	1/2		1/2	1/2
3/4	2,165.15	3/4	1,808.38	3/4	1,452.16	3/4	1,099.56	3/4	751.48	3/4	394.27	3/4	45.85	3/4	3/4	3/4		3/4	3/4
4	2,157.73	4	1,800.97	4	1,444.72	4	1,092.39	4	744.04	4	386.82	4	40.93	4	4	4		4	4
1/4	2,150.30	1/4	1,793.56	1/4	1,437.27	1/4	1,085.22	1/4	736.59	1/4	379.38	1/4	36.00	1/4	1/4	1/4		1/4	1/4
1/2	2,142.87	1/2	1,786.14	1/2	1,429.83	1/2	1,078.05	1/2	729.15	1/2	371.94	1/2	31.07	1/2	1/2	1/2		1/2	1/2
3/4	2,135.43	3/4	1,778.73	3/4	1,422.39	3/4	1,070.89	3/4	721.71	3/4	364.50	3/4	27.40	3/4	3/4	3/4		3/4	3/4
5	2,127.99	5	1,771.31	5	1,414.95	5	1,063.73	5	714.27	5	357.06	5	23.73	5	5	5		5	5
1/4	2,120.55	1/4	1,763.90	1/4	1,407.51	1/4	1,056.57	1/4	706.83	1/4	349.61	1/4	20.07	1/4	1/4	1/4		1/4	1/4
1/2	2,113.11	1/2	1,756.48	1/2	1,400.07	1/2	1,049.41	1/2	699.38	1/2	342.17	1/2	16.40	1/2	1/2	1/2		1/2	1/2
3/4	2,105.67	3/4	1,749.07	3/4	1,392.63	3/4	1,042.25	3/4	691.94	3/4	334.73	3/4		3/4	3/4	3/4		3/4	3/4
6	2,098.23	6	1,741.66	6	1,385.19	6	1,035.09	6	684.50	6	327.29	6		6	6	6		6	6
1/4	2,090.79	1/4	1,734.24	1/4	1,377.75	1/4	1,027.93	1/4	677.06	1/4	319.85	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,083.35	1/2	1,726.83	1/2	1,370.31	1/2	1,020.78	1/2	669.62	1/2	312.41	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,075.91	3/4	1,719.41	3/4	1,362.87	3/4	1,013.62	3/4	662.17	3/4	304.96	3/4		3/4	3/4	3/4		3/4	3/4
7	2,068.47	7	1,712.00	7	1,355.43	7	1,006.47	7	654.73	7	297.52	7		7	7	7		7	7
1/4	2,061.02	1/4	1,704.58	1/4	1,347.99	1/4	999.31	1/4	647.29	1/4	290.08	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,053.58	1/2	1,697.17	1/2	1,340.55	1/2	992.16	1/2	639.85	1/2	282.64	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,046.14	3/4	1,689.76	3/4	1,333.11	3/4	985.01	3/4	632.41	3/4	275.20	3/4		3/4	3/4	3/4		3/4	3/4
8	2,038.70	8	1,682.34	8	1,325.67	8	977.85	8	624.96	8	267.75	8		8	8	8		8	8
1/4	2,031.26	1/4	1,674.93	1/4	1,318.22	1/4	970.70	1/4	617.52	1/4	260.31	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,023.82	1/2	1,667.51	1/2	1,310.78	1/2	963.55	1/2	610.08	1/2	252.87	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,016.38	3/4	1,660.10	3/4	1,303.34	3/4	956.40	3/4	602.64	3/4	245.43	3/4		3/4	3/4	3/4		3/4	3/4
9	2,008.94	9	1,652.68	9	1,295.90	9	949.25	9	595.20	9	237.99	9		9	9	9		9	9
1/4	2,001.50	1/4	1,645.27	1/4	1,288.46	1/4	942.10	1/4	587.76	1/4	230.54	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,994.06	1/2	1,637.86	1/2	1,281.02	1/2	934.95	1/2	580.31	1/2	223.10	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,986.62	3/4	1,630.44	3/4	1,273.58	3/4	927.80	3/4	572.87	3/4	215.66	3/4		3/4	3/4	3/4		3/4	3/4
10	1,979.18	10	1,623.03	10	1,266.14	10	920.64	10	565.43	10	208.22	10		10	10	10		10	10
1/4	1,971.74	1/4	1,615.61	1/4	1,258.70	1/4	913.49	1/4	557.99	1/4	200.78	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,964.30	1/2	1,608.20	1/2	1,251.26	1/2	906.34	1/2	550.55	1/2	193.33	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,956.85	3/4	1,600.78	3/4	1,243.82	3/4	899.19	3/4	543.10	3/4	185.89	3/4		3/4	3/4	3/4		3/4	3/4
11	1,949.41	11	1,593.37	11	1,236.38	11	892.04	11	535.66	11	178.45	11		11	11	11		11	11
1/4	1,941.97	1/4	1,585.95	1/4	1,228.94	1/4	884.89	1/4	528.22	1/4	171.01	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,934.53	1/2	1,578.54	1/2	1,221.50	1/2	877.74	1/2	520.78	1/2	163.57	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,927.09	3/4	1,571.13	3/4	1,214.32	3/4	870.32	3/4	513.34	3/4	156.13	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/2013 SW
CALCULATED: 01/27/2013 CL
PRINTED: 01/27/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "KIRBY 29100"

**3 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,295.20	0	1,937.42	0	1,579.64	0	1,221.86	0	864.35	0	506.70	0	148.93	0		0		0	
1/4	2,287.74	1/4	1,929.96	1/4	1,572.19	1/4	1,214.41	1/4	856.91	1/4	499.24	1/4	141.47	1/4	1/4		1/4		1/4
1/2	2,280.29	1/2	1,922.51	1/2	1,564.73	1/2	1,206.96	1/2	849.46	1/2	491.79	1/2	134.02	1/2	1/2		1/2		1/2
3/4	2,272.83	3/4	1,915.06	3/4	1,557.28	3/4	1,199.50	3/4	842.02	3/4	484.34	3/4	126.57	3/4	3/4		3/4		3/4
1	2,265.38	1	1,907.60	1	1,549.83	1	1,192.05	1	834.58	1	476.88	1	119.12	1	1		1		1
1/4	2,257.93	1/4	1,900.15	1/4	1,542.37	1/4	1,184.59	1/4	827.14	1/4	469.43	1/4	111.66	1/4	1/4		1/4		1/4
1/2	2,250.47	1/2	1,892.70	1/2	1,534.92	1/2	1,177.14	1/2	819.70	1/2	461.98	1/2	104.21	1/2	1/2		1/2		1/2
3/4	2,243.02	3/4	1,885.24	3/4	1,527.46	3/4	1,169.69	3/4	812.25	3/4	454.52	3/4	97.07	3/4	3/4		3/4		3/4
2	2,235.57	2	1,877.79	2	1,520.01	2	1,162.23	2	804.81	2	447.07	2	89.93	2	2		2		2
1/4	2,228.11	1/4	1,870.33	1/4	1,512.56	1/4	1,154.78	1/4	797.37	1/4	439.61	1/4	82.79	1/4	1/4		1/4		1/4
1/2	2,220.66	1/2	1,862.88	1/2	1,505.10	1/2	1,147.33	1/2	789.93	1/2	432.16	1/2	75.66	1/2	1/2		1/2		1/2
3/4	2,213.20	3/4	1,855.43	3/4	1,497.65	3/4	1,139.87	3/4	782.48	3/4	424.71	3/4	69.46	3/4	3/4		3/4		3/4
3	2,205.75	3	1,847.97	3	1,490.20	3	1,132.42	3	775.02	3	417.25	3	63.26	3	3		3		3
1/4	2,198.30	1/4	1,840.52	1/4	1,482.74	1/4	1,124.96	1/4	767.57	1/4	409.80	1/4	57.06	1/4	1/4		1/4		1/4
1/2	2,190.84	1/2	1,833.07	1/2	1,475.29	1/2	1,117.51	1/2	760.12	1/2	402.35	1/2	50.87	1/2	1/2		1/2		1/2
3/4	2,183.39	3/4	1,825.61	3/4	1,467.83	3/4	1,110.06	3/4	752.66	3/4	394.89	3/4	45.92	3/4	3/4		3/4		3/4
4	2,175.94	4	1,818.16	4	1,460.38	4	1,102.60	4	745.21	4	387.44	4	40.98	4	4		4		4
1/4	2,168.48	1/4	1,810.71	1/4	1,452.93	1/4	1,095.15	1/4	737.75	1/4	379.99	1/4	36.04	1/4	1/4		1/4		1/4
1/2	2,161.03	1/2	1,803.25	1/2	1,445.47	1/2	1,087.70	1/2	730.30	1/2	372.53	1/2	31.10	1/2	1/2		1/2		1/2
3/4	2,153.58	3/4	1,795.80	3/4	1,438.02	3/4	1,080.24	3/4	722.85	3/4	365.08	3/4	27.43	3/4	3/4		3/4		3/4
5	2,146.12	5	1,788.34	5	1,430.57	5	1,072.79	5	715.39	5	357.63	5	23.75	5	5		5		5
1/4	2,138.67	1/4	1,780.89	1/4	1,423.11	1/4	1,065.34	1/4	707.94	1/4	350.17	1/4	20.07	1/4	1/4		1/4		1/4
1/2	2,131.21	1/2	1,773.44	1/2	1,415.66	1/2	1,057.88	1/2	700.49	1/2	342.72	1/2	16.40	1/2	1/2		1/2		1/2
3/4	2,123.76	3/4	1,765.98	3/4	1,408.21	3/4	1,050.43	3/4	693.03	3/4	335.27	3/4		3/4	3/4		3/4		3/4
6	2,116.31	6	1,758.53	6	1,400.75	6	1,042.97	6	685.58	6	327.81	6		6	6		6		6
1/4	2,108.85	1/4	1,751.08	1/4	1,393.30	1/4	1,035.52	1/4	678.13	1/4	320.36	1/4		1/4	1/4		1/4		1/4
1/2	2,101.40	1/2	1,743.62	1/2	1,385.84	1/2	1,028.07	1/2	670.67	1/2	312.91	1/2		1/2	1/2		1/2		1/2
3/4	2,093.95	3/4	1,736.17	3/4	1,378.39	3/4	1,020.62	3/4	663.22	3/4	305.45	3/4		3/4	3/4		3/4		3/4
7	2,086.49	7	1,728.71	7	1,370.94	7	1,013.18	7	655.77	7	298.00	7		7	7		7		7
1/4	2,079.04	1/4	1,721.26	1/4	1,363.48	1/4	1,005.74	1/4	648.31	1/4	290.54	1/4		1/4	1/4		1/4		1/4
1/2	2,071.58	1/2	1,713.81	1/2	1,356.03	1/2	998.30	1/2	640.86	1/2	283.09	1/2		1/2	1/2		1/2		1/2
3/4	2,064.13	3/4	1,706.35	3/4	1,348.58	3/4	990.86	3/4	633.41	3/4	275.64	3/4		3/4	3/4		3/4		3/4
8	2,056.68	8	1,698.90	8	1,341.12	8	983.42	8	625.95	8	268.18	8		8	8		8		8
1/4	2,049.22	1/4	1,691.45	1/4	1,333.67	1/4	975.97	1/4	618.50	1/4	260.73	1/4		1/4	1/4		1/4		1/4
1/2	2,041.77	1/2	1,683.99	1/2	1,326.21	1/2	968.53	1/2	611.05	1/2	253.28	1/2		1/2	1/2		1/2		1/2
3/4	2,034.32	3/4	1,676.54	3/4	1,318.76	3/4	961.09	3/4	603.59	3/4	245.82	3/4		3/4	3/4		3/4		3/4
9	2,026.86	9	1,669.08	9	1,311.31	9	953.65	9	596.14	9	238.37	9		9	9		9		9
1/4	2,019.41	1/4	1,661.63	1/4	1,303.85	1/4	946.21	1/4	588.68	1/4	230.92	1/4		1/4	1/4		1/4		1/4
1/2	2,011.96	1/2	1,654.18	1/2	1,296.40	1/2	938.77	1/2	581.23	1/2	223.46	1/2		1/2	1/2		1/2		1/2
3/4	2,004.50	3/4	1,646.72	3/4	1,288.95	3/4	931.32	3/4	573.78	3/4	216.01	3/4		3/4	3/4		3/4		3/4
10	1,997.05	10	1,639.27	10	1,281.49	10	923.88	10	566.32	10	208.56	10		10	10		10		10
1/4	1,989.59	1/4	1,631.82	1/4	1,274.04	1/4	916.44	1/4	558.87	1/4	201.10	1/4		1/4	1/4		1/4		1/4
1/2	1,982.14	1/2	1,624.36	1/2	1,266.59	1/2	909.00	1/2	551.42	1/2	193.65	1/2		1/2	1/2		1/2		1/2
3/4	1,974.69	3/4	1,616.91	3/4	1,259.13	3/4	901.56	3/4	543.96	3/4	186.20	3/4		3/4	3/4		3/4		3/4
11	1,967.23	11	1,609.46	11	1,251.68	11	894.11	11	536.51	11	178.74	11		11	11		11		11
1/4	1,959.78	1/4	1,602.00	1/4	1,244.22	1/4	886.67	1/4	529.06	1/4	171.29	1/4		1/4	1/4		1/4		1/4
1/2	1,952.33	1/2	1,594.55	1/2	1,236.77	1/2	879.23	1/2	521.60	1/2	163.84	1/2		1/2	1/2		1/2		1/2
3/4	1,944.87	3/4	1,587.09	3/4	1,229.32	3/4	871.79	3/4	514.15	3/4	156.38	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/2013 SW
CALCULATED: 01/27/2013 CL
PRINTED: 01/27/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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