



BARGE "KIRBY 28142"

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	- 00-1/8	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	- 00-5/8	00-5/8
1 STBD	- 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	- 00-5/8	00-5/8
2 PORT	- 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 STBD	- 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
3 PORT	- 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
3 STBD	- 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

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

LENGTH BETWEEN DRAFT MARKS: 236'-03"

January 5, 2012

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28142"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

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	1,973.47	0	1,641.73	0	1,310.00	0	978.68	0	662.63	0	369.69	0	100.37	0		0		0	
1/4	1,966.55	1/4	1,634.82	1/4	1,303.09	1/4	971.85	1/4	656.30	1/4	363.85	1/4	95.01	1/4	1/4	1/4		1/4	
1/2	1,959.64	1/2	1,627.91	1/2	1,296.18	1/2	965.02	1/2	649.96	1/2	358.00	1/2	89.66	1/2	1/2	1/2		1/2	
3/4	1,952.73	3/4	1,621.00	3/4	1,289.27	3/4	958.19	3/4	643.62	3/4	352.15	3/4	84.31	3/4	3/4	3/4		3/4	
1	1,945.82	1	1,614.09	1	1,282.36	1	951.42	1	637.32	1	346.35	1	79.00	1	1	1		1	
1/4	1,938.91	1/4	1,607.18	1/4	1,275.44	1/4	944.65	1/4	631.02	1/4	340.54	1/4	73.69	1/4	1/4	1/4		1/4	
1/2	1,932.00	1/2	1,600.27	1/2	1,268.53	1/2	937.87	1/2	624.73	1/2	334.74	1/2	68.38	1/2	1/2	1/2		1/2	
3/4	1,925.09	3/4	1,593.35	3/4	1,261.62	3/4	931.10	3/4	618.43	3/4	328.93	3/4	63.07	3/4	3/4	3/4		3/4	
2	1,918.18	2	1,586.44	2	1,254.71	2	924.37	2	612.17	2	323.17	2	57.80	2	2	2		2	
1/4	1,911.27	1/4	1,579.53	1/4	1,247.80	1/4	917.63	1/4	605.91	1/4	317.40	1/4	52.53	1/4	1/4	1/4		1/4	
1/2	1,904.35	1/2	1,572.62	1/2	1,240.89	1/2	910.90	1/2	599.66	1/2	311.64	1/2	47.25	1/2	1/2	1/2		1/2	
3/4	1,897.44	3/4	1,565.71	3/4	1,233.98	3/4	904.17	3/4	593.40	3/4	305.87	3/4	41.98	3/4	3/4	3/4		3/4	
3	1,890.53	3	1,558.80	3	1,227.07	3	897.48	3	587.18	3	300.15	3	37.62	3	3	3		3	
1/4	1,883.62	1/4	1,551.89	1/4	1,220.16	1/4	890.78	1/4	580.97	1/4	294.42	1/4	33.26	1/4	1/4	1/4		1/4	
1/2	1,876.71	1/2	1,544.98	1/2	1,213.24	1/2	884.09	1/2	574.75	1/2	288.70	1/2	28.89	1/2	1/2	1/2		1/2	
3/4	1,869.80	3/4	1,538.07	3/4	1,206.33	3/4	877.40	3/4	568.54	3/4	282.98	3/4	24.53	3/4	3/4	3/4		3/4	
4	1,862.89	4	1,531.15	4	1,199.42	4	870.75	4	562.36	4	277.30	4	21.94	4	4	4		4	
1/4	1,855.98	1/4	1,524.24	1/4	1,192.51	1/4	864.10	1/4	556.19	1/4	271.61	1/4	19.34	1/4	1/4	1/4		1/4	
1/2	1,849.07	1/2	1,517.33	1/2	1,185.60	1/2	857.45	1/2	550.01	1/2	265.93	1/2	16.74	1/2	1/2	1/2		1/2	
3/4	1,842.15	3/4	1,510.42	3/4	1,178.69	3/4	850.80	3/4	543.84	3/4	260.24	3/4	14.15	3/4	3/4	3/4		3/4	
5	1,835.24	5	1,503.51	5	1,171.78	5	844.19	5	537.70	5	254.60	5		5	5	5		5	
1/4	1,828.33	1/4	1,496.60	1/4	1,164.87	1/4	837.58	1/4	531.57	1/4	248.96	1/4		1/4	1/4	1/4		1/4	
1/2	1,821.42	1/2	1,489.69	1/2	1,157.96	1/2	830.97	1/2	525.44	1/2	243.32	1/2		1/2	1/2	1/2		1/2	
3/4	1,814.51	3/4	1,482.78	3/4	1,151.04	3/4	824.36	3/4	519.31	3/4	237.68	3/4		3/4	3/4	3/4		3/4	
6	1,807.60	6	1,475.87	6	1,144.13	6	817.79	6	513.21	6	232.08	6		6	6	6		6	
1/4	1,800.69	1/4	1,468.95	1/4	1,137.22	1/4	811.22	1/4	507.12	1/4	226.48	1/4		1/4	1/4	1/4		1/4	
1/2	1,793.78	1/2	1,462.04	1/2	1,130.31	1/2	804.65	1/2	501.02	1/2	220.87	1/2		1/2	1/2	1/2		1/2	
3/4	1,786.87	3/4	1,455.13	3/4	1,123.40	3/4	798.08	3/4	494.93	3/4	215.27	3/4		3/4	3/4	3/4		3/4	
7	1,779.95	7	1,448.22	7	1,116.49	7	791.55	7	488.88	7	209.71	7		7	7	7		7	
1/4	1,773.04	1/4	1,441.31	1/4	1,109.58	1/4	785.03	1/4	482.83	1/4	204.16	1/4		1/4	1/4	1/4		1/4	
1/2	1,766.13	1/2	1,434.40	1/2	1,102.67	1/2	778.50	1/2	476.78	1/2	198.60	1/2		1/2	1/2	1/2		1/2	
3/4	1,759.22	3/4	1,427.49	3/4	1,095.76	3/4	771.97	3/4	470.73	3/4	193.04	3/4		3/4	3/4	3/4		3/4	
8	1,752.31	8	1,420.58	8	1,088.85	8	765.48	8	464.72	8	187.52	8		8	8	8		8	
1/4	1,745.40	1/4	1,413.67	1/4	1,081.94	1/4	759.00	1/4	458.71	1/4	182.00	1/4		1/4	1/4	1/4		1/4	
1/2	1,738.49	1/2	1,406.76	1/2	1,075.03	1/2	752.51	1/2	452.69	1/2	176.48	1/2		1/2	1/2	1/2		1/2	
3/4	1,731.58	3/4	1,399.84	3/4	1,068.12	3/4	746.02	3/4	446.68	3/4	170.96	3/4		3/4	3/4	3/4		3/4	
9	1,724.67	9	1,392.93	9	1,061.21	9	739.56	9	440.71	9	165.48	9		9	9	9		9	
1/4	1,717.75	1/4	1,386.02	1/4	1,054.31	1/4	733.10	1/4	434.74	1/4	160.00	1/4		1/4	1/4	1/4		1/4	
1/2	1,710.84	1/2	1,379.11	1/2	1,047.41	1/2	726.64	1/2	428.78	1/2	154.53	1/2		1/2	1/2	1/2		1/2	
3/4	1,703.93	3/4	1,372.20	3/4	1,040.51	3/4	720.18	3/4	422.81	3/4	149.05	3/4		3/4	3/4	3/4		3/4	
10	1,697.02	10	1,365.29	10	1,033.62	10	713.75	10	416.88	10	143.61	10		10	10	10		10	
1/4	1,690.11	1/4	1,358.38	1/4	1,026.73	1/4	707.33	1/4	410.95	1/4	138.17	1/4		1/4	1/4	1/4		1/4	
1/2	1,683.20	1/2	1,351.47	1/2	1,019.85	1/2	700.91	1/2	405.02	1/2	132.73	1/2		1/2	1/2	1/2		1/2	
3/4	1,676.29	3/4	1,344.56	3/4	1,012.96	3/4	694.49	3/4	399.09	3/4	127.29	3/4		3/4	3/4	3/4		3/4	
11	1,669.38	11	1,337.64	11	1,006.10	11	688.11	11	393.20	11	121.90	11		11	11	11		11	
1/4	1,662.47	1/4	1,330.73	1/4	999.24	1/4	681.73	1/4	387.32	1/4	116.51	1/4		1/4	1/4	1/4		1/4	
1/2	1,655.55	1/2	1,323.82	1/2	992.38	1/2	675.35	1/2	381.43	1/2	111.12	1/2		1/2	1/2	1/2		1/2	
3/4	1,648.64	3/4	1,316.91	3/4	985.51	3/4	668.97	3/4	375.54	3/4	105.72	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2012 CL - SW
CALCULATED: 01/05/2012 CL
PRINTED: 01/05/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

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



BARGE "KIRBY 28142"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

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 37'-09" 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 28142"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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	2,492.20	0	2,103.57	0	1,714.94	0	1,326.30	0	937.67	0	549.90	0	161.69	0		0		0	
1/4	2,484.10	1/4	2,095.47	1/4	1,706.84	1/4	1,318.21	1/4	929.58	1/4	541.82	1/4	153.60	1/4	1/4	1/4		1/4	
1/2	2,476.01	1/2	2,087.38	1/2	1,698.74	1/2	1,310.11	1/2	921.48	1/2	533.73	1/2	145.51	1/2	1/2	1/2		1/2	
3/4	2,467.91	3/4	2,079.28	3/4	1,690.65	3/4	1,302.02	3/4	913.38	3/4	525.64	3/4	137.43	3/4	3/4	3/4		3/4	
1	2,459.81	1	2,071.18	1	1,682.55	1	1,293.92	1	905.29	1	517.55	1	129.34	1	1	1		1	
1/4	2,451.72	1/4	2,063.09	1/4	1,674.45	1/4	1,285.82	1/4	897.20	1/4	509.47	1/4	121.25	1/4	1/4	1/4		1/4	
1/2	2,443.62	1/2	2,054.99	1/2	1,666.36	1/2	1,277.73	1/2	889.12	1/2	501.38	1/2	113.16	1/2	1/2	1/2		1/2	
3/4	2,435.53	3/4	2,046.89	3/4	1,658.26	3/4	1,269.63	3/4	881.03	3/4	493.29	3/4	105.08	3/4	3/4	3/4		3/4	
2	2,427.43	2	2,038.80	2	1,650.16	2	1,261.53	2	872.95	2	485.20	2	96.99	2	2	2		2	
1/4	2,419.33	1/4	2,030.70	1/4	1,642.07	1/4	1,253.44	1/4	864.88	1/4	477.11	1/4	88.90	1/4	1/4	1/4		1/4	
1/2	2,411.24	1/2	2,022.60	1/2	1,633.97	1/2	1,245.34	1/2	856.80	1/2	469.03	1/2	80.81	1/2	1/2	1/2		1/2	
3/4	2,403.14	3/4	2,014.51	3/4	1,625.88	3/4	1,237.24	3/4	848.73	3/4	460.94	3/4	72.72	3/4	3/4	3/4		3/4	
3	2,395.04	3	2,006.41	3	1,617.78	3	1,229.15	3	840.66	3	452.85	3	64.64	3	3	3		3	
1/4	2,386.95	1/4	1,998.31	1/4	1,609.68	1/4	1,221.05	1/4	832.59	1/4	444.76	1/4	57.56	1/4	1/4	1/4		1/4	
1/2	2,378.85	1/2	1,990.22	1/2	1,601.59	1/2	1,212.95	1/2	824.52	1/2	436.68	1/2	50.48	1/2	1/2	1/2		1/2	
3/4	2,370.75	3/4	1,982.12	3/4	1,593.49	3/4	1,204.86	3/4	816.44	3/4	428.59	3/4	43.41	3/4	3/4	3/4		3/4	
4	2,362.66	4	1,974.02	4	1,585.39	4	1,196.76	4	808.37	4	420.50	4	36.33	4	4	4		4	
1/4	2,354.56	1/4	1,965.93	1/4	1,577.30	1/4	1,188.66	1/4	800.30	1/4	412.41	1/4	31.28	1/4	1/4	1/4		1/4	
1/2	2,346.46	1/2	1,957.83	1/2	1,569.20	1/2	1,180.57	1/2	792.23	1/2	404.32	1/2	26.23	1/2	1/2	1/2		1/2	
3/4	2,338.37	3/4	1,949.74	3/4	1,561.10	3/4	1,172.47	3/4	784.16	3/4	396.24	3/4	21.17	3/4	3/4	3/4		3/4	
5	2,330.27	5	1,941.64	5	1,553.01	5	1,164.37	5	776.08	5	388.15	5	16.12	5	5	5		5	
1/4	2,322.17	1/4	1,933.54	1/4	1,544.91	1/4	1,156.28	1/4	768.01	1/4	380.06	1/4		1/4	1/4	1/4		1/4	
1/2	2,314.08	1/2	1,925.45	1/2	1,536.81	1/2	1,148.18	1/2	759.94	1/2	371.97	1/2		1/2	1/2	1/2		1/2	
3/4	2,305.98	3/4	1,917.35	3/4	1,528.72	3/4	1,140.09	3/4	751.87	3/4	363.89	3/4		3/4	3/4	3/4		3/4	
6	2,297.88	6	1,909.25	6	1,520.62	6	1,131.99	6	743.80	6	355.80	6		6	6	6		6	
1/4	2,289.79	1/4	1,901.16	1/4	1,512.52	1/4	1,123.89	1/4	735.72	1/4	347.71	1/4		1/4	1/4	1/4		1/4	
1/2	2,281.69	1/2	1,893.06	1/2	1,504.43	1/2	1,115.80	1/2	727.65	1/2	339.62	1/2		1/2	1/2	1/2		1/2	
3/4	2,273.60	3/4	1,884.96	3/4	1,496.33	3/4	1,107.70	3/4	719.58	3/4	331.53	3/4		3/4	3/4	3/4		3/4	
7	2,265.50	7	1,876.87	7	1,488.23	7	1,099.60	7	711.51	7	323.45	7		7	7	7		7	
1/4	2,257.40	1/4	1,868.77	1/4	1,480.14	1/4	1,091.51	1/4	703.44	1/4	315.36	1/4		1/4	1/4	1/4		1/4	
1/2	2,249.31	1/2	1,860.67	1/2	1,472.04	1/2	1,083.41	1/2	695.36	1/2	307.27	1/2		1/2	1/2	1/2		1/2	
3/4	2,241.21	3/4	1,852.58	3/4	1,463.95	3/4	1,075.31	3/4	687.29	3/4	299.18	3/4		3/4	3/4	3/4		3/4	
8	2,233.11	8	1,844.48	8	1,455.85	8	1,067.22	8	679.22	8	291.10	8		8	8	8		8	
1/4	2,225.02	1/4	1,836.38	1/4	1,447.75	1/4	1,059.12	1/4	671.15	1/4	283.01	1/4		1/4	1/4	1/4		1/4	
1/2	2,216.92	1/2	1,828.29	1/2	1,439.66	1/2	1,051.02	1/2	663.08	1/2	274.92	1/2		1/2	1/2	1/2		1/2	
3/4	2,208.82	3/4	1,820.19	3/4	1,431.56	3/4	1,042.93	3/4	655.00	3/4	266.83	3/4		3/4	3/4	3/4		3/4	
9	2,200.73	9	1,812.09	9	1,423.46	9	1,034.83	9	646.93	9	258.74	9		9	9	9		9	
1/4	2,192.63	1/4	1,804.00	1/4	1,415.37	1/4	1,026.73	1/4	638.85	1/4	250.66	1/4		1/4	1/4	1/4		1/4	
1/2	2,184.53	1/2	1,795.90	1/2	1,407.27	1/2	1,018.64	1/2	630.77	1/2	242.57	1/2		1/2	1/2	1/2		1/2	
3/4	2,176.44	3/4	1,787.81	3/4	1,399.17	3/4	1,010.54	3/4	622.69	3/4	234.48	3/4		3/4	3/4	3/4		3/4	
10	2,168.34	10	1,779.71	10	1,391.08	10	1,002.44	10	614.61	10	226.39	10		10	10	10		10	
1/4	2,160.24	1/4	1,771.61	1/4	1,382.98	1/4	994.35	1/4	606.52	1/4	218.30	1/4		1/4	1/4	1/4		1/4	
1/2	2,152.15	1/2	1,763.52	1/2	1,374.88	1/2	986.25	1/2	598.43	1/2	210.22	1/2		1/2	1/2	1/2		1/2	
3/4	2,144.05	3/4	1,755.42	3/4	1,366.79	3/4	978.16	3/4	590.34	3/4	202.13	3/4		3/4	3/4	3/4		3/4	
11	2,135.95	11	1,747.32	11	1,358.69	11	970.06	11	582.26	11	194.04	11		11	11	11		11	
1/4	2,127.86	1/4	1,739.23	1/4	1,350.59	1/4	961.96	1/4	574.17	1/4	185.95	1/4		1/4	1/4	1/4		1/4	
1/2	2,119.76	1/2	1,731.13	1/2	1,342.50	1/2	953.87	1/2	566.08	1/2	177.87	1/2		1/2	1/2	1/2		1/2	
3/4	2,111.67	3/4	1,723.03	3/4	1,334.40	3/4	945.77	3/4	557.99	3/4	169.78	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2012 CL - SW
CALCULATED: 01/05/2012 CL
PRINTED: 01/05/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

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



BARGE "KIRBY 28142"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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	2,478.47	0	2,089.81	0	1,701.15	0	1,312.49	0	924.44	0	550.86	0	162.24	0		0		0	
1/4	2,470.37	1/4	2,081.71	1/4	1,693.05	1/4	1,304.39	1/4	916.65	1/4	542.76	1/4	154.15	1/4	1/4		1/4		1/4
1/2	2,462.28	1/2	2,073.62	1/2	1,684.95	1/2	1,296.29	1/2	908.86	1/2	534.67	1/2	146.05	1/2	1/2		1/2		1/2
3/4	2,454.18	3/4	2,065.52	3/4	1,676.86	3/4	1,288.20	3/4	901.08	3/4	526.57	3/4	137.95	3/4	3/4		3/4		3/4
1	2,446.08	1	2,057.42	1	1,668.76	1	1,280.10	1	893.29	1	518.48	1	129.86	1	1		1		1
1/4	2,437.99	1/4	2,049.32	1/4	1,660.66	1/4	1,272.00	1/4	885.51	1/4	510.38	1/4	121.76	1/4	1/4		1/4		1/4
1/2	2,429.89	1/2	2,041.23	1/2	1,652.57	1/2	1,263.91	1/2	877.74	1/2	502.28	1/2	113.67	1/2	1/2		1/2		1/2
3/4	2,421.79	3/4	2,033.13	3/4	1,644.47	3/4	1,255.81	3/4	869.97	3/4	494.19	3/4	105.57	3/4	3/4		3/4		3/4
2	2,413.69	2	2,025.03	2	1,636.37	2	1,247.71	2	862.19	2	486.09	2	97.47	2	2		2		2
1/4	2,405.60	1/4	2,016.94	1/4	1,628.28	1/4	1,239.61	1/4	854.43	1/4	477.99	1/4	89.38	1/4	1/4		1/4		1/4
1/2	2,397.50	1/2	2,008.84	1/2	1,620.18	1/2	1,231.52	1/2	846.67	1/2	469.90	1/2	81.28	1/2	1/2		1/2		1/2
3/4	2,389.40	3/4	2,000.74	3/4	1,612.08	3/4	1,223.42	3/4	838.91	3/4	461.80	3/4	73.18	3/4	3/4		3/4		3/4
3	2,381.31	3	1,992.64	3	1,603.98	3	1,215.32	3	831.14	3	453.71	3	65.09	3	3		3		3
1/4	2,373.21	1/4	1,984.55	1/4	1,595.89	1/4	1,207.23	1/4	823.38	1/4	445.61	1/4	58.00	1/4	1/4		1/4		1/4
1/2	2,365.11	1/2	1,976.45	1/2	1,587.79	1/2	1,199.13	1/2	815.62	1/2	437.51	1/2	50.92	1/2	1/2		1/2		1/2
3/4	2,357.01	3/4	1,968.35	3/4	1,579.69	3/4	1,191.03	3/4	807.86	3/4	429.42	3/4	43.83	3/4	3/4		3/4		3/4
4	2,348.92	4	1,960.26	4	1,571.60	4	1,182.93	4	800.09	4	421.32	4	36.75	4	4		4		4
1/4	2,340.82	1/4	1,952.16	1/4	1,563.50	1/4	1,174.84	1/4	792.33	1/4	413.22	1/4	31.69	1/4	1/4		1/4		1/4
1/2	2,332.72	1/2	1,944.06	1/2	1,555.40	1/2	1,166.74	1/2	784.57	1/2	405.13	1/2	26.62	1/2	1/2		1/2		1/2
3/4	2,324.63	3/4	1,935.97	3/4	1,547.30	3/4	1,158.64	3/4	776.81	3/4	397.03	3/4	21.56	3/4	3/4		3/4		3/4
5	2,316.53	5	1,927.87	5	1,539.21	5	1,150.55	5	769.04	5	389.94	5	16.50	5	5		5		5
1/4	2,308.43	1/4	1,919.77	1/4	1,531.11	1/4	1,142.45	1/4	761.28	1/4	380.84	1/4		1/4	1/4		1/4		1/4
1/2	2,300.33	1/2	1,911.67	1/2	1,523.01	1/2	1,134.35	1/2	753.52	1/2	372.74	1/2		1/2	1/2		1/2		1/2
3/4	2,292.24	3/4	1,903.58	3/4	1,514.92	3/4	1,126.26	3/4	745.75	3/4	364.65	3/4		3/4	3/4		3/4		3/4
6	2,284.14	6	1,895.48	6	1,506.82	6	1,118.16	6	737.99	6	356.55	6		6	6		6		6
1/4	2,276.04	1/4	1,887.38	1/4	1,498.72	1/4	1,110.06	1/4	730.23	1/4	348.46	1/4		1/4	1/4		1/4		1/4
1/2	2,267.95	1/2	1,879.29	1/2	1,490.62	1/2	1,101.96	1/2	722.47	1/2	340.36	1/2		1/2	1/2		1/2		1/2
3/4	2,259.85	3/4	1,871.19	3/4	1,482.53	3/4	1,093.87	3/4	714.70	3/4	332.26	3/4		3/4	3/4		3/4		3/4
7	2,251.75	7	1,863.09	7	1,474.43	7	1,085.77	7	706.94	7	324.17	7		7	7		7		7
1/4	2,243.65	1/4	1,854.99	1/4	1,466.33	1/4	1,077.67	1/4	699.18	1/4	316.07	1/4		1/4	1/4		1/4		1/4
1/2	2,235.56	1/2	1,846.90	1/2	1,458.24	1/2	1,069.58	1/2	691.42	1/2	307.97	1/2		1/2	1/2		1/2		1/2
3/4	2,227.46	3/4	1,838.80	3/4	1,450.14	3/4	1,061.48	3/4	683.66	3/4	299.88	3/4		3/4	3/4		3/4		3/4
8	2,219.36	8	1,830.70	8	1,442.04	8	1,053.38	8	675.90	8	291.78	8		8	8		8		8
1/4	2,211.27	1/4	1,822.61	1/4	1,433.94	1/4	1,045.28	1/4	668.14	1/4	283.69	1/4		1/4	1/4		1/4		1/4
1/2	2,203.17	1/2	1,814.51	1/2	1,425.85	1/2	1,037.19	1/2	660.38	1/2	275.59	1/2		1/2	1/2		1/2		1/2
3/4	2,195.07	3/4	1,806.41	3/4	1,417.75	3/4	1,029.09	3/4	652.62	3/4	267.49	3/4		3/4	3/4		3/4		3/4
9	2,186.98	9	1,798.31	9	1,409.65	9	1,020.99	9	644.86	9	259.40	9		9	9		9		9
1/4	2,178.88	1/4	1,790.22	1/4	1,401.56	1/4	1,012.90	1/4	637.09	1/4	251.30	1/4		1/4	1/4		1/4		1/4
1/2	2,170.78	1/2	1,782.12	1/2	1,393.46	1/2	1,004.80	1/2	629.31	1/2	243.20	1/2		1/2	1/2		1/2		1/2
3/4	2,162.68	3/4	1,774.02	3/4	1,385.36	3/4	996.70	3/4	621.54	3/4	235.11	3/4		3/4	3/4		3/4		3/4
10	2,154.59	10	1,765.93	10	1,377.27	10	988.60	10	613.77	10	227.01	10		10	10		10		10
1/4	2,146.49	1/4	1,757.83	1/4	1,369.17	1/4	980.51	1/4	605.99	1/4	218.92	1/4		1/4	1/4		1/4		1/4
1/2	2,138.39	1/2	1,749.73	1/2	1,361.07	1/2	972.41	1/2	598.20	1/2	210.82	1/2		1/2	1/2		1/2		1/2
3/4	2,130.30	3/4	1,741.63	3/4	1,352.97	3/4	964.31	3/4	590.42	3/4	202.72	3/4		3/4	3/4		3/4		3/4
11	2,122.20	11	1,733.54	11	1,344.88	11	956.22	11	582.63	11	194.63	11		11	11		11		11
1/4	2,114.10	1/4	1,725.44	1/4	1,336.78	1/4	948.27	1/4	574.69	1/4	186.53	1/4		1/4	1/4		1/4		1/4
1/2	2,106.00	1/2	1,717.34	1/2	1,328.68	1/2	940.33	1/2	566.75	1/2	178.44	1/2		1/2	1/2		1/2		1/2
3/4	2,097.91	3/4	1,709.25	3/4	1,320.59	3/4	932.38	3/4	558.80	3/4	170.34	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2012 CL - SW
CALCULATED: 01/05/2012 CL
PRINTED: 01/05/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

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



BARGE "KIRBY 28142"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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		0		0	4,498.03	0	4,241.82	0	3,972.75	0	3,691.23	0	3,396.55	0	3,040.35	0	2,679.12
1/4		1/4		1/4		1/4	4,492.78	1/4	4,236.36	1/4	3,967.00	1/4	3,685.23	1/4	3,389.72	1/4	3,032.83	1/4	2,671.59
1/2		1/2		1/2		1/2	4,487.53	1/2	4,230.89	1/2	3,961.25	1/2	3,679.23	1/2	3,382.89	1/2	3,025.30	1/2	2,664.06
3/4		3/4		3/4		3/4	4,482.28	3/4	4,225.43	3/4	3,955.50	3/4	3,673.23	3/4	3,376.06	3/4	3,017.78	3/4	2,656.54
1		1		1		1	4,477.02	1	4,219.97	1	3,949.75	1	3,667.23	1	3,369.23	1	3,010.25	1	2,649.01
1/4		1/4		1/4		1/4	4,471.75	1/4	4,214.49	1/4	3,943.98	1/4	3,661.21	1/4	3,362.12	1/4	3,002.73	1/4	2,641.48
1/2		1/2		1/2		1/2	4,466.48	1/2	4,209.00	1/2	3,938.21	1/2	3,655.18	1/2	3,355.02	1/2	2,995.20	1/2	2,633.96
3/4		3/4		3/4		3/4	4,461.21	3/4	4,203.52	3/4	3,932.44	3/4	3,649.15	3/4	3,347.91	3/4	2,987.68	3/4	2,626.43
2		2		2		2	4,455.94	2	4,198.03	2	3,926.67	2	3,643.13	2	3,340.80	2	2,980.15	2	2,618.90
1/4		1/4		1/4		1/4	4,450.65	1/4	4,192.53	1/4	3,920.88	1/4	3,637.08	1/4	3,333.42	1/4	2,972.63	1/4	2,611.38
1/2		1/2		1/2		1/2	4,445.35	1/2	4,187.02	1/2	3,915.09	1/2	3,631.04	1/2	3,326.03	1/2	2,965.10	1/2	2,603.85
3/4		3/4		3/4		3/4	4,440.06	3/4	4,181.52	3/4	3,909.30	3/4	3,625.00	3/4	3,318.64	3/4	2,957.58	3/4	2,596.32
3		3		3		3	4,434.76	3	4,176.01	3	3,903.51	3	3,618.96	3	3,311.26	3	2,950.05	3	2,588.80
1/4		1/4		1/4		1/4	4,429.49	1/4	4,170.45	1/4	3,897.69	1/4	3,612.90	1/4	3,303.73	1/4	2,942.53	1/4	2,581.27
1/2		1/2		1/2		1/2	4,424.21	1/2	4,164.89	1/2	3,891.88	1/2	3,606.83	1/2	3,296.21	1/2	2,935.00	1/2	2,573.74
3/4		3/4		3/4		3/4	4,418.94	3/4	4,159.33	3/4	3,886.07	3/4	3,600.77	3/4	3,288.68	3/4	2,927.48	3/4	2,566.22
4		4		4		4	4,413.66	4	4,153.77	4	3,880.25	4	3,594.71	4	3,281.16	4	2,919.95	4	2,558.69
1/4		1/4		1/4		1/4	4,408.36	1/4	4,148.19	1/4	3,874.42	1/4	3,588.62	1/4	3,273.63	1/4	2,912.43	1/4	2,551.16
1/2		1/2		1/2		1/2	4,403.07	1/2	4,142.60	1/2	3,868.59	1/2	3,582.54	1/2	3,266.11	1/2	2,904.90	1/2	2,543.64
3/4		3/4		3/4		3/4	4,397.77	3/4	4,137.02	3/4	3,862.76	3/4	3,576.45	3/4	3,258.58	3/4	2,897.38	3/4	2,536.11
5		5		5		5	4,392.48	5	4,131.44	5	3,856.92	5	3,570.36	5	3,251.06	5	2,889.85	5	2,528.58
1/4		1/4		1/4		1/4	4,387.16	1/4	4,125.83	1/4	3,851.07	1/4	3,564.26	1/4	3,243.53	1/4	2,882.33	1/4	2,521.06
1/2		1/2		1/2		1/2	4,381.84	1/2	4,120.23	1/2	3,845.21	1/2	3,558.15	1/2	3,236.01	1/2	2,874.80	1/2	2,513.53
3/4		3/4		3/4		3/4	4,376.52	3/4	4,114.63	3/4	3,839.35	3/4	3,552.05	3/4	3,228.48	3/4	2,867.28	3/4	2,506.00
6		6		6		6	4,371.20	6	4,109.02	6	3,833.49	6	3,545.94	6	3,220.96	6	2,859.75	6	2,498.48
1/4		1/4		1/4		1/4	4,365.86	1/4	4,103.39	1/4	3,827.61	1/4	3,539.82	1/4	3,213.43	1/4	2,852.23	1/4	2,490.95
1/2		1/2		1/2	4,626.33	1/2	4,360.53	1/2	4,097.76	1/2	3,821.74	1/2	3,533.70	1/2	3,205.91	1/2	2,844.70	1/2	2,483.42
3/4		3/4		3/4	4,621.72	3/4	4,355.19	3/4	4,092.13	3/4	3,815.86	3/4	3,527.57	3/4	3,198.38	3/4	2,837.18	3/4	2,475.90
7		7		7	4,617.12	7	4,349.85	7	4,086.50	7	3,809.99	7	3,521.45	7	3,190.86	7	2,829.65	7	2,468.37
1/4		1/4		1/4	4,610.98	1/4	4,344.49	1/4	4,080.86	1/4	3,804.09	1/4	3,515.31	1/4	3,183.33	1/4	2,822.12	1/4	2,460.84
1/2		1/2		1/2	4,604.85	1/2	4,339.12	1/2	4,075.21	1/2	3,798.20	1/2	3,509.18	1/2	3,175.81	1/2	2,814.60	1/2	2,453.32
3/4		3/4		3/4	4,598.72	3/4	4,333.76	3/4	4,069.57	3/4	3,792.30	3/4	3,503.05	3/4	3,168.28	3/4	2,807.07	3/4	2,445.79
8		8		8	4,592.58	8	4,328.40	8	4,063.92	8	3,786.41	8	3,496.91	8	3,160.75	8	2,799.54	8	2,438.26
1/4		1/4		1/4	4,586.45	1/4	4,323.02	1/4	4,058.25	1/4	3,780.49	1/4	3,490.78	1/4	3,153.23	1/4	2,792.02	1/4	2,430.74
1/2		1/2		1/2	4,580.31	1/2	4,317.64	1/2	4,052.59	1/2	3,774.57	1/2	3,484.65	1/2	3,145.70	1/2	2,784.49	1/2	2,423.21
3/4		3/4		3/4	4,574.18	3/4	4,312.26	3/4	4,046.92	3/4	3,768.65	3/4	3,478.51	3/4	3,138.18	3/4	2,776.96	3/4	2,415.68
9		9		9	4,568.04	9	4,306.88	9	4,041.26	9	3,762.73	9	3,472.38	9	3,130.65	9	2,769.44	9	2,408.16
1/4		1/4		1/4	4,561.91	1/4	4,301.48	1/4	4,035.57	1/4	3,756.79	1/4	3,466.25	1/4	3,123.13	1/4	2,761.91	1/4	2,400.63
1/2		1/2		1/2	4,555.77	1/2	4,296.08	1/2	4,029.88	1/2	3,750.86	1/2	3,460.11	1/2	3,115.60	1/2	2,754.38	1/2	2,393.10
3/4		3/4		3/4	4,549.64	3/4	4,290.68	3/4	4,024.19	3/4	3,744.92	3/4	3,453.98	3/4	3,108.08	3/4	2,746.86	3/4	2,385.58
10		10		10	4,543.50	10	4,285.28	10	4,018.50	10	3,738.98	10	3,447.84	10	3,100.55	10	2,739.33	10	2,378.05
1/4		1/4		1/4	4,537.37	1/4	4,279.86	1/4	4,012.79	1/4	3,733.02	1/4	3,441.57	1/4	3,093.03	1/4	2,731.80	1/4	2,370.52
1/2		1/2		1/2	4,531.23	1/2	4,274.43	1/2	4,007.08	1/2	3,727.07	1/2	3,435.30	1/2	3,085.50	1/2	2,724.28	1/2	2,363.00
3/4		3/4		3/4	4,525.10	3/4	4,269.01	3/4	4,001.37	3/4	3,721.11	3/4	3,429.03	3/4	3,077.98	3/4	2,716.75	3/4	2,355.47
11		11		11	4,518.96	11	4,263.58	11	3,995.66	11	3,715.15	11	3,422.75	11	3,070.45	11	2,709.22	11	2,347.94
1/4		1/4		1/4	4,513.73	1/4	4,258.14	1/4	3,989.94	1/4	3,709.17	1/4	3,416.20	1/4	3,062.93	1/4	2,701.70	1/4	2,340.41
1/2		1/2		1/2	4,508.50	1/2	4,252.70	1/2	3,984.21	1/2	3,703.19	1/2	3,409.65	1/2	3,055.40	1/2	2,694.17	1/2	2,332.89
3/4		3/4		3/4	4,503.26	3/4	4,247.26	3/4	3,978.48	3/4	3,697.21	3/4	3,403.10	3/4	3,047.88	3/4	2,686.64	3/4	2,325.36

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 41'-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 28142"

**3 PORT
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 16'-05"

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	2,317.83	0	1,956.55	0	1,595.27	0	1,233.99	0	873.51	0	512.24	0	150.97	0		0		0	
1/4	2,310.31	1/4	1,949.03	1/4	1,587.74	1/4	1,226.46	1/4	865.98	1/4	504.71	1/4	143.45	1/4	1/4	1/4		1/4	1/4
1/2	2,302.78	1/2	1,941.50	1/2	1,580.22	1/2	1,218.94	1/2	858.46	1/2	497.19	1/2	135.92	1/2	1/2	1/2		1/2	1/2
3/4	2,295.25	3/4	1,933.97	3/4	1,572.69	3/4	1,211.41	3/4	850.93	3/4	489.66	3/4	128.39	3/4	3/4	3/4		3/4	3/4
1	2,287.73	1	1,926.45	1	1,565.16	1	1,203.88	1	843.40	1	482.14	1	120.87	1	1	1		1	1
1/4	2,280.20	1/4	1,918.92	1/4	1,557.64	1/4	1,196.36	1/4	835.88	1/4	474.61	1/4	113.34	1/4	1/4	1/4		1/4	1/4
1/2	2,272.67	1/2	1,911.39	1/2	1,550.11	1/2	1,188.83	1/2	828.35	1/2	467.08	1/2	105.82	1/2	1/2	1/2		1/2	1/2
3/4	2,265.15	3/4	1,903.87	3/4	1,542.58	3/4	1,181.30	3/4	820.82	3/4	459.56	3/4	98.29	3/4	3/4	3/4		3/4	3/4
2	2,257.62	2	1,896.34	2	1,535.06	2	1,173.78	2	813.30	2	452.03	2	90.76	2	2	2		2	2
1/4	2,250.09	1/4	1,888.81	1/4	1,527.53	1/4	1,166.25	1/4	805.77	1/4	444.50	1/4	83.24	1/4	1/4	1/4		1/4	1/4
1/2	2,242.57	1/2	1,881.29	1/2	1,520.00	1/2	1,158.72	1/2	798.24	1/2	436.98	1/2	75.71	1/2	1/2	1/2		1/2	1/2
3/4	2,235.04	3/4	1,873.76	3/4	1,512.48	3/4	1,151.20	3/4	790.72	3/4	429.45	3/4	68.18	3/4	3/4	3/4		3/4	3/4
3	2,227.51	3	1,866.23	3	1,504.95	3	1,143.67	3	783.19	3	421.92	3	60.66	3	3	3		3	3
1/4	2,219.99	1/4	1,858.71	1/4	1,497.42	1/4	1,136.14	1/4	775.67	1/4	414.40	1/4	54.07	1/4	1/4	1/4		1/4	1/4
1/2	2,212.46	1/2	1,851.18	1/2	1,489.90	1/2	1,128.62	1/2	768.14	1/2	406.87	1/2	47.48	1/2	1/2	1/2		1/2	1/2
3/4	2,204.93	3/4	1,843.65	3/4	1,482.37	3/4	1,121.09	3/4	760.61	3/4	399.35	3/4	40.90	3/4	3/4	3/4		3/4	3/4
4	2,197.41	4	1,836.13	4	1,474.84	4	1,113.56	4	753.09	4	391.82	4	34.31	4	4	4		4	4
1/4	2,189.88	1/4	1,828.60	1/4	1,467.32	1/4	1,106.06	1/4	745.56	1/4	384.29	1/4	29.61	1/4	1/4	1/4		1/4	1/4
1/2	2,182.35	1/2	1,821.07	1/2	1,459.79	1/2	1,098.56	1/2	738.03	1/2	376.77	1/2	24.90	1/2	1/2	1/2		1/2	1/2
3/4	2,174.83	3/4	1,813.55	3/4	1,452.26	3/4	1,091.06	3/4	730.51	3/4	369.24	3/4	20.20	3/4	3/4	3/4		3/4	3/4
5	2,167.30	5	1,806.02	5	1,444.74	5	1,083.56	5	722.98	5	361.71	5	15.50	5	5	5		5	5
1/4	2,159.77	1/4	1,798.49	1/4	1,437.21	1/4	1,076.05	1/4	715.45	1/4	354.19	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,152.25	1/2	1,790.97	1/2	1,429.68	1/2	1,068.55	1/2	707.93	1/2	346.66	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,144.72	3/4	1,783.44	3/4	1,422.16	3/4	1,061.05	3/4	700.40	3/4	339.13	3/4		3/4	3/4	3/4		3/4	3/4
6	2,137.19	6	1,775.91	6	1,414.63	6	1,053.55	6	692.87	6	331.61	6		6	6	6		6	6
1/4	2,129.67	1/4	1,768.39	1/4	1,407.10	1/4	1,046.05	1/4	685.35	1/4	324.08	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,122.14	1/2	1,760.86	1/2	1,399.58	1/2	1,038.55	1/2	677.82	1/2	316.55	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,114.61	3/4	1,753.33	3/4	1,392.05	3/4	1,031.04	3/4	670.30	3/4	309.03	3/4		3/4	3/4	3/4		3/4	3/4
7	2,107.09	7	1,745.81	7	1,384.52	7	1,023.54	7	662.77	7	301.50	7		7	7	7		7	7
1/4	2,099.56	1/4	1,738.28	1/4	1,377.00	1/4	1,016.04	1/4	655.24	1/4	293.98	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,092.03	1/2	1,730.75	1/2	1,369.47	1/2	1,008.54	1/2	647.72	1/2	286.45	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,084.51	3/4	1,723.23	3/4	1,361.94	3/4	1,001.04	3/4	640.19	3/4	278.92	3/4		3/4	3/4	3/4		3/4	3/4
8	2,076.98	8	1,715.70	8	1,354.42	8	993.54	8	632.66	8	271.40	8		8	8	8		8	8
1/4	2,069.45	1/4	1,708.17	1/4	1,346.89	1/4	986.03	1/4	625.14	1/4	263.87	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,061.93	1/2	1,700.65	1/2	1,339.36	1/2	978.53	1/2	617.61	1/2	256.34	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,054.40	3/4	1,693.12	3/4	1,331.84	3/4	971.03	3/4	610.08	3/4	248.82	3/4		3/4	3/4	3/4		3/4	3/4
9	2,046.87	9	1,685.59	9	1,324.31	9	963.53	9	602.56	9	241.29	9		9	9	9		9	9
1/4	2,039.35	1/4	1,678.07	1/4	1,316.78	1/4	956.03	1/4	595.03	1/4	233.76	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,031.82	1/2	1,670.54	1/2	1,309.26	1/2	948.53	1/2	587.51	1/2	226.24	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,024.29	3/4	1,663.01	3/4	1,301.73	3/4	941.02	3/4	579.98	3/4	218.71	3/4		3/4	3/4	3/4		3/4	3/4
10	2,016.77	10	1,655.49	10	1,294.20	10	933.52	10	572.45	10	211.19	10		10	10	10		10	10
1/4	2,009.24	1/4	1,647.96	1/4	1,286.68	1/4	926.02	1/4	564.93	1/4	203.66	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,001.71	1/2	1,640.43	1/2	1,279.15	1/2	918.52	1/2	557.40	1/2	196.13	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,994.19	3/4	1,632.91	3/4	1,271.62	3/4	911.02	3/4	549.87	3/4	188.61	3/4		3/4	3/4	3/4		3/4	3/4
11	1,986.66	11	1,625.38	11	1,264.10	11	903.52	11	542.35	11	181.08	11		11	11	11		11	11
1/4	1,979.13	1/4	1,617.85	1/4	1,256.57	1/4	896.01	1/4	534.82	1/4	173.55	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,971.61	1/2	1,610.33	1/2	1,249.04	1/2	888.51	1/2	527.29	1/2	166.03	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,964.08	3/4	1,602.80	3/4	1,241.52	3/4	881.01	3/4	519.77	3/4	158.50	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2012 CL - SW
CALCULATED: 01/05/2012 CL
PRINTED: 01/05/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

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



BARGE "KIRBY 28142"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

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		0		0		0		0		0		0		0		0	
						4,471.42		4,214.93		3,945.49		3,663.64		3,368.04		3,011.56		2,650.89	
1/4	1/4	1/4	1/4	1/4	1/4	4,466.17	1/4	4,209.46	1/4	3,939.74	1/4	3,657.64	1/4	3,361.21	1/4	3,004.05	1/4	2,643.38	
1/2	1/2	1/2	1/2	1/2	1/2	4,460.92	1/2	4,204.00	1/2	3,933.99	1/2	3,651.64	1/2	3,354.38	1/2	2,996.54	1/2	2,635.86	
3/4	3/4	3/4	3/4	3/4	3/4	4,455.67	3/4	4,198.54	3/4	3,928.23	3/4	3,645.64	3/4	3,347.55	3/4	2,989.02	3/4	2,628.35	
1	1	1	1	1	1	4,450.39	1	4,193.05	1	3,922.46	1	3,639.61	1	3,340.44	1	2,981.51	1	2,620.83	
1/4	1/4	1/4	1/4	1/4	1/4	4,445.12	1/4	4,187.56	1/4	3,916.69	1/4	3,633.58	1/4	3,333.33	1/4	2,974.00	1/4	2,613.32	
1/2	1/2	1/2	1/2	1/2	1/2	4,439.85	1/2	4,182.08	1/2	3,910.92	1/2	3,627.55	1/2	3,326.22	1/2	2,966.48	1/2	2,605.80	
3/4	3/4	3/4	3/4	3/4	3/4	4,434.58	3/4	4,176.59	3/4	3,905.14	3/4	3,621.52	3/4	3,319.11	3/4	2,958.97	3/4	2,598.29	
2	2	2	2	2	2	4,429.28	2	4,171.08	2	3,899.35	2	3,615.48	2	3,311.72	2	2,951.46	2	2,590.78	
1/4	1/4	1/4	1/4	1/4	1/4	4,423.99	1/4	4,165.58	1/4	3,893.56	1/4	3,609.43	1/4	3,304.33	1/4	2,943.94	1/4	2,583.26	
1/2	1/2	1/2	1/2	1/2	1/2	4,418.69	1/2	4,160.07	1/2	3,887.77	1/2	3,603.39	1/2	3,296.95	1/2	2,936.43	1/2	2,575.75	
3/4	3/4	3/4	3/4	3/4	3/4	4,413.39	3/4	4,154.57	3/4	3,881.98	3/4	3,597.35	3/4	3,289.56	3/4	2,928.92	3/4	2,568.23	
3	3	3	3	3	3	4,408.12	3	4,149.00	3	3,876.16	3	3,591.28	3	3,282.05	3	2,921.40	3	2,560.72	
1/4	1/4	1/4	1/4	1/4	1/4	4,402.84	1/4	4,143.44	1/4	3,870.35	1/4	3,585.22	1/4	3,274.53	1/4	2,913.89	1/4	2,553.20	
1/2	1/2	1/2	1/2	1/2	1/2	4,397.56	1/2	4,137.88	1/2	3,864.53	1/2	3,579.16	1/2	3,267.02	1/2	2,906.38	1/2	2,545.69	
3/4	3/4	3/4	3/4	3/4	3/4	4,392.28	3/4	4,132.32	3/4	3,858.72	3/4	3,573.09	3/4	3,259.51	3/4	2,898.86	3/4	2,538.17	
4	4	4	4	4	4	4,386.99	4	4,126.73	4	3,852.89	4	3,567.00	4	3,251.99	4	2,891.35	4	2,530.66	
1/4	1/4	1/4	1/4	1/4	1/4	4,381.69	1/4	4,121.15	1/4	3,847.05	1/4	3,560.91	1/4	3,244.48	1/4	2,883.84	1/4	2,523.14	
1/2	1/2	1/2	1/2	1/2	1/2	4,376.39	1/2	4,115.56	1/2	3,841.22	1/2	3,554.82	1/2	3,236.97	1/2	2,876.32	1/2	2,515.63	
3/4	3/4	3/4	3/4	3/4	3/4	4,371.09	3/4	4,109.98	3/4	3,835.38	3/4	3,548.74	3/4	3,229.45	3/4	2,868.81	3/4	2,508.11	
5	5	5	5	5	5	4,365.77	5	4,104.37	5	3,829.52	5	3,542.63	5	3,221.94	5	2,861.30	5	2,500.60	
1/4	1/4	1/4	1/4	1/4	1/4	4,360.45	1/4	4,098.77	1/4	3,823.66	1/4	3,536.52	1/4	3,214.43	1/4	2,853.78	1/4	2,493.08	
1/2	1/2	1/2	1/2	1/2	1/2	4,355.13	1/2	4,093.16	1/2	3,817.80	1/2	3,530.42	1/2	3,206.91	1/2	2,846.27	1/2	2,485.57	
3/4	3/4	3/4	3/4	3/4	3/4	4,349.81	3/4	4,087.56	3/4	3,811.94	3/4	3,524.31	3/4	3,199.40	3/4	2,838.76	3/4	2,478.05	
6	6	6	6	6	6	4,344.47	6	4,081.92	6	3,806.06	6	3,518.18	6	3,191.89	6	2,831.24	6	2,470.54	
1/4	1/4	1/4	1/4	1/4	1/4	4,339.13	1/4	4,076.29	1/4	3,800.19	1/4	3,512.06	1/4	3,184.37	1/4	2,823.73	1/4	2,463.03	
1/2	1/2	1/2	1/2	1/2	1/2	4,333.79	1/2	4,070.66	1/2	3,794.31	1/2	3,505.93	1/2	3,176.86	1/2	2,816.22	1/2	2,455.52	
3/4	3/4	3/4	3/4	3/4	3/4	4,328.45	3/4	4,065.03	3/4	3,788.43	3/4	3,499.81	3/4	3,169.34	3/4	2,808.70	3/4	2,448.01	
7	7	7	7	7	7	4,323.09	7	4,059.38	7	3,782.54	7	3,493.67	7	3,161.83	7	2,801.19	7	2,440.50	
1/4	1/4	1/4	1/4	1/4	1/4	4,317.72	1/4	4,053.74	1/4	3,776.64	1/4	3,487.54	1/4	3,154.32	1/4	2,793.67	1/4	2,432.99	
1/2	1/2	1/2	1/2	1/2	1/2	4,312.36	1/2	4,048.09	1/2	3,770.74	1/2	3,481.40	1/2	3,146.80	1/2	2,786.16	1/2	2,425.48	
3/4	3/4	3/4	3/4	3/4	3/4	4,306.99	3/4	4,042.44	3/4	3,764.85	3/4	3,475.27	3/4	3,139.29	3/4	2,778.64	3/4	2,417.97	
8	8	8	8	8	8	4,301.61	8	4,036.77	8	3,758.93	8	3,469.13	8	3,131.78	8	2,771.13	8	2,410.45	
1/4	1/4	1/4	1/4	1/4	1/4	4,296.23	1/4	4,031.11	1/4	3,753.01	1/4	3,463.00	1/4	3,124.26	1/4	2,763.61	1/4	2,402.94	
1/2	1/2	1/2	1/2	1/2	1/2	4,290.85	1/2	4,025.44	1/2	3,747.08	1/2	3,456.86	1/2	3,116.75	1/2	2,756.10	1/2	2,395.43	
3/4	3/4	3/4	3/4	3/4	3/4	4,285.47	3/4	4,019.77	3/4	3,741.16	3/4	3,450.73	3/4	3,109.24	3/4	2,748.58	3/4	2,387.92	
9	9	9	9	9	9	4,280.07	9	4,014.08	9	3,735.22	9	3,444.59	9	3,101.72	9	2,741.07	9	2,380.41	
1/4	1/4	1/4	1/4	1/4	1/4	4,274.67	1/4	4,008.39	1/4	3,729.28	1/4	3,438.45	1/4	3,094.21	1/4	2,733.55	1/4	2,372.90	
1/2	1/2	1/2	1/2	1/2	1/2	4,269.27	1/2	4,002.70	1/2	3,723.34	1/2	3,432.32	1/2	3,086.70	1/2	2,726.04	1/2	2,365.39	
3/4	3/4	3/4	3/4	3/4	3/4	4,263.87	3/4	3,997.00	3/4	3,717.41	3/4	3,426.18	3/4	3,079.18	3/4	2,718.53	3/4	2,357.88	
10	10	10	10	10	10	4,258.44	10	3,991.29	10	3,711.45	10	3,419.91	10	3,071.67	10	2,711.01	10	2,350.37	
1/4	1/4	1/4	1/4	1/4	1/4	4,253.01	1/4	3,985.58	1/4	3,705.49	1/4	3,413.64	1/4	3,064.16	1/4	2,703.50	1/4	2,342.85	
1/2	1/2	1/2	1/2	1/2	1/2	4,247.59	1/2	3,979.87	1/2	3,699.53	1/2	3,407.36	1/2	3,056.64	1/2	2,695.98	1/2	2,335.34	
3/4	3/4	3/4	3/4	3/4	3/4	4,242.16	3/4	3,974.16	3/4	3,693.57	3/4	3,401.09	3/4	3,049.13	3/4	2,688.47	3/4	2,327.83	
11	11	11	11	11	11	4,236.72	11	3,968.43	11	3,687.59	11	3,394.53	11	3,041.62	11	2,680.95	11	2,320.32	
1/4	1/4	1/4	1/4	1/4	1/4	4,231.28	1/4	3,962.70	1/4	3,681.61	1/4	3,387.98	1/4	3,034.10	1/4	2,673.44	1/4	2,312.81	
1/2	1/2	1/2	1/2	1/2	1/2	4,225.83	1/2	3,956.98	1/2	3,675.62	1/2	3,381.43	1/2	3,026.59	1/2	2,665.92	1/2	2,305.30	
3/4	3/4	3/4	3/4	3/4	3/4	4,220.39	3/4	3,951.25	3/4	3,669.64	3/4	3,374.87	3/4	3,019.08	3/4	2,658.41	3/4	2,297.79	

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 41'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





BARGE "KIRBY 28142"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

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	2,290.27	0	1,930.91	0	1,571.94	0	1,211.33	0	857.36	0	504.18	0	143.48	0		0		0	
1/4	2,282.76	1/4	1,923.46	1/4	1,564.43	1/4	1,203.95	1/4	849.98	1/4	496.73	1/4	135.95	1/4	1/4	1/4		1/4	
1/2	2,275.24	1/2	1,916.01	1/2	1,556.91	1/2	1,196.57	1/2	842.60	1/2	489.28	1/2	128.42	1/2	1/2	1/2		1/2	
3/4	2,267.73	3/4	1,908.56	3/4	1,549.39	3/4	1,189.19	3/4	835.22	3/4	481.83	3/4	120.90	3/4	3/4	3/4		3/4	
1	2,260.21	1	1,901.11	1	1,541.88	1	1,181.81	1	827.85	1	474.32	1	113.37	1	1	1		1	
1/4	2,252.70	1/4	1,893.66	1/4	1,534.36	1/4	1,174.43	1/4	820.47	1/4	466.80	1/4	105.84	1/4	1/4	1/4		1/4	
1/2	2,245.18	1/2	1,886.21	1/2	1,526.85	1/2	1,167.06	1/2	813.10	1/2	459.28	1/2	98.31	1/2	1/2	1/2		1/2	
3/4	2,237.66	3/4	1,878.76	3/4	1,519.33	3/4	1,159.68	3/4	805.72	3/4	451.77	3/4	90.78	3/4	3/4	3/4		3/4	
2	2,230.15	2	1,871.31	2	1,511.82	2	1,152.30	2	798.36	2	444.25	2	83.25	2	2	2		2	
1/4	2,222.63	1/4	1,863.86	1/4	1,504.30	1/4	1,144.92	1/4	791.00	1/4	436.73	1/4	75.73	1/4	1/4	1/4		1/4	
1/2	2,215.12	1/2	1,856.41	1/2	1,496.79	1/2	1,137.54	1/2	783.65	1/2	429.22	1/2	68.20	1/2	1/2	1/2		1/2	
3/4	2,207.60	3/4	1,848.96	3/4	1,489.27	3/4	1,130.16	3/4	776.29	3/4	421.70	3/4	60.67	3/4	3/4	3/4		3/4	
3	2,200.09	3	1,841.51	3	1,481.75	3	1,122.78	3	768.94	3	414.18	3	54.08	3	3	3		3	
1/4	2,192.57	1/4	1,834.06	1/4	1,474.24	1/4	1,115.40	1/4	761.60	1/4	406.67	1/4	47.49	1/4	1/4	1/4		1/4	
1/2	2,185.06	1/2	1,826.61	1/2	1,466.72	1/2	1,108.02	1/2	754.25	1/2	399.15	1/2	40.91	1/2	1/2	1/2		1/2	
3/4	2,177.54	3/4	1,819.17	3/4	1,459.21	3/4	1,100.64	3/4	746.90	3/4	391.63	3/4	34.32	3/4	3/4	3/4		3/4	
4	2,170.02	4	1,811.72	4	1,451.69	4	1,093.27	4	739.56	4	384.12	4	29.61	4	4	4		4	
1/4	2,162.51	1/4	1,804.27	1/4	1,444.18	1/4	1,085.90	1/4	732.21	1/4	376.60	1/4	24.91	1/4	1/4	1/4		1/4	
1/2	2,154.99	1/2	1,796.82	1/2	1,436.66	1/2	1,078.53	1/2	724.87	1/2	369.08	1/2	20.20	1/2	1/2	1/2		1/2	
3/4	2,147.48	3/4	1,789.37	3/4	1,429.14	3/4	1,071.16	3/4	717.52	3/4	361.57	3/4	15.50	3/4	3/4	3/4		3/4	
5	2,139.96	5	1,781.92	5	1,421.63	5	1,063.78	5	710.17	5	354.05	5		5	5	5		5	
1/4	2,132.45	1/4	1,774.47	1/4	1,414.11	1/4	1,056.41	1/4	702.83	1/4	346.53	1/4		1/4	1/4	1/4		1/4	
1/2	2,124.93	1/2	1,767.02	1/2	1,406.60	1/2	1,049.04	1/2	695.48	1/2	339.02	1/2		1/2	1/2	1/2		1/2	
3/4	2,117.42	3/4	1,759.57	3/4	1,399.08	3/4	1,041.67	3/4	688.13	3/4	331.50	3/4		3/4	3/4	3/4		3/4	
6	2,109.90	6	1,752.12	6	1,391.57	6	1,034.30	6	680.78	6	323.98	6		6	6	6		6	
1/4	2,102.39	1/4	1,744.67	1/4	1,384.05	1/4	1,026.92	1/4	673.44	1/4	316.47	1/4		1/4	1/4	1/4		1/4	
1/2	2,094.87	1/2	1,737.22	1/2	1,376.54	1/2	1,019.55	1/2	666.09	1/2	308.95	1/2		1/2	1/2	1/2		1/2	
3/4	2,087.35	3/4	1,729.77	3/4	1,369.02	3/4	1,012.18	3/4	658.74	3/4	301.43	3/4		3/4	3/4	3/4		3/4	
7	2,079.90	7	1,722.25	7	1,361.50	7	1,004.81	7	651.39	7	293.92	7		7	7	7		7	
1/4	2,072.45	1/4	1,714.74	1/4	1,353.99	1/4	997.43	1/4	644.05	1/4	286.40	1/4		1/4	1/4	1/4		1/4	
1/2	2,065.01	1/2	1,707.22	1/2	1,346.47	1/2	990.06	1/2	636.70	1/2	278.89	1/2		1/2	1/2	1/2		1/2	
3/4	2,057.56	3/4	1,699.71	3/4	1,338.96	3/4	982.69	3/4	629.35	3/4	271.37	3/4		3/4	3/4	3/4		3/4	
8	2,050.11	8	1,692.19	8	1,331.44	8	975.32	8	622.00	8	263.85	8		8	8	8		8	
1/4	2,042.66	1/4	1,684.68	1/4	1,323.93	1/4	967.95	1/4	614.66	1/4	256.34	1/4		1/4	1/4	1/4		1/4	
1/2	2,035.21	1/2	1,677.16	1/2	1,316.41	1/2	960.57	1/2	607.31	1/2	248.82	1/2		1/2	1/2	1/2		1/2	
3/4	2,027.76	3/4	1,669.64	3/4	1,308.90	3/4	953.20	3/4	599.96	3/4	241.30	3/4		3/4	3/4	3/4		3/4	
9	2,020.31	9	1,662.13	9	1,301.38	9	945.83	9	592.62	9	233.79	9		9	9	9		9	
1/4	2,012.86	1/4	1,654.61	1/4	1,293.86	1/4	938.46	1/4	585.27	1/4	226.27	1/4		1/4	1/4	1/4		1/4	
1/2	2,005.41	1/2	1,647.10	1/2	1,286.35	1/2	931.09	1/2	577.92	1/2	218.75	1/2		1/2	1/2	1/2		1/2	
3/4	1,997.96	3/4	1,639.58	3/4	1,278.83	3/4	923.71	3/4	570.57	3/4	211.24	3/4		3/4	3/4	3/4		3/4	
10	1,990.51	10	1,632.07	10	1,271.32	10	916.34	10	563.21	10	203.71	10		10	10	10		10	
1/4	1,983.06	1/4	1,624.55	1/4	1,263.80	1/4	908.97	1/4	555.85	1/4	196.18	1/4		1/4	1/4	1/4		1/4	
1/2	1,975.61	1/2	1,617.03	1/2	1,256.29	1/2	901.60	1/2	548.49	1/2	188.65	1/2		1/2	1/2	1/2		1/2	
3/4	1,968.16	3/4	1,609.52	3/4	1,248.77	3/4	894.23	3/4	541.13	3/4	181.12	3/4		3/4	3/4	3/4		3/4	
11	1,960.71	11	1,602.00	11	1,241.25	11	886.85	11	533.75	11	173.59	11		11	11	11		11	
1/4	1,953.26	1/4	1,594.49	1/4	1,233.74	1/4	879.48	1/4	526.38	1/4	166.07	1/4		1/4	1/4	1/4		1/4	
1/2	1,945.81	1/2	1,586.97	1/2	1,226.22	1/2	872.11	1/2	519.00	1/2	158.54	1/2		1/2	1/2	1/2		1/2	
3/4	1,938.36	3/4	1,579.46	3/4	1,218.71	3/4	864.74	3/4	511.62	3/4	151.01	3/4		3/4	3/4	3/4		3/4	

STRAPPED: 01/05/2012 CL - SW
CALCULATED: 01/05/2012 CL
PRINTED: 01/05/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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