



BARGE "KIRBY 28052"

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	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8
1 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	- 00-3/4	00-3/4	- 00-7/8	00-7/8
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	- 00-3/4	00-3/4	- 00-7/8	00-7/8
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	- 00-3/4	00-3/4	- 00-7/8	00-7/8
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 2 PORT IS 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

April 20, 2007

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



BARGE "KIRBY 28052"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0		0	4,215.99	0	3,927.59	0	3,624.98	0	3,308.42	0	2,979.44	0	2,648.10	0	2,316.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,210.10	1/4	3,921.46	1/4	3,618.54	1/4	3,301.69	1/4	2,972.54	1/4	2,641.20	1/4	2,309.83		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,204.19	1/2	3,915.30	1/2	3,612.06	1/2	3,294.94	1/2	2,965.64	1/2	2,634.29	1/2	2,302.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,198.28	3/4	3,909.15	3/4	3,605.59	3/4	3,288.18	3/4	2,958.73	3/4	2,627.39	3/4	2,296.02		
1		1		1		1	4,192.37	1	3,902.99	1	3,599.12	1	3,281.43	1	2,951.83	1	2,620.49	1	2,289.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,186.46	1/4	3,896.84	1/4	3,592.64	1/4	3,274.68	1/4	2,944.93	1/4	2,613.58	1/4	2,282.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,180.52	1/2	3,890.66	1/2	3,586.15	1/2	3,267.90	1/2	2,938.03	1/2	2,606.68	1/2	2,275.31		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,174.59	3/4	3,884.48	3/4	3,579.65	3/4	3,261.11	3/4	2,931.12	3/4	2,599.78	3/4	2,268.40		
2		2		2		2	4,168.66	2	3,878.30	2	3,573.16	2	3,254.33	2	2,924.22	2	2,592.88	2	2,261.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,162.73	1/4	3,872.11	1/4	3,566.67	1/4	3,247.55	1/4	2,917.32	1/4	2,585.97	1/4	2,254.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,156.77	1/2	3,865.91	1/2	3,560.15	1/2	3,240.75	1/2	2,910.41	1/2	2,579.07	1/2	2,247.69		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,150.81	3/4	3,859.71	3/4	3,553.63	3/4	3,233.95	3/4	2,903.51	3/4	2,572.17	3/4	2,240.78		
3		3		3		3	4,144.85	3	3,853.51	3	3,547.12	3	3,227.15	3	2,896.61	3	2,565.26	3	2,233.88		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,138.89	1/4	3,847.30	1/4	3,540.60	1/4	3,220.35	1/4	2,889.70	1/4	2,558.36	1/4	2,226.98		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,132.95	1/2	3,841.05	1/2	3,534.06	1/2	3,213.52	1/2	2,882.80	1/2	2,551.46	1/2	2,220.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,127.00	3/4	3,834.79	3/4	3,527.52	3/4	3,206.70	3/4	2,875.90	3/4	2,544.55	3/4	2,213.17		
4		4		4		4	4,121.06	4	3,828.53	4	3,520.97	4	3,199.88	4	2,869.00	4	2,537.65	4	2,206.26		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,115.11	1/4	3,822.27	1/4	3,514.43	1/4	3,193.06	1/4	2,862.09	1/4	2,530.75	1/4	2,199.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,109.14	1/2	3,815.99	1/2	3,507.87	1/2	3,186.21	1/2	2,855.19	1/2	2,523.85	1/2	2,192.45		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,103.18	3/4	3,809.70	3/4	3,501.30	3/4	3,179.35	3/4	2,848.29	3/4	2,516.94	3/4	2,185.55		
5		5		5		5	4,097.21	5	3,803.42	5	3,494.74	5	3,172.50	5	2,841.38	5	2,510.04	5	2,178.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,091.24	1/4	3,797.13	1/4	3,488.17	1/4	3,165.65	1/4	2,834.48	1/4	2,503.14	1/4	2,171.74		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,085.25	1/2	3,790.83	1/2	3,481.58	1/2	3,158.78	1/2	2,827.58	1/2	2,496.23	1/2	2,164.84		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,079.25	3/4	3,784.52	3/4	3,474.98	3/4	3,151.91	3/4	2,820.67	3/4	2,489.33	3/4	2,157.93		
6		6		6		6	4,073.26	6	3,778.21	6	3,468.39	6	3,145.04	6	2,813.77	6	2,482.43	6	2,151.03		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,067.27	1/4	3,771.91	1/4	3,461.80	1/4	3,138.17	1/4	2,806.87	1/4	2,475.52	1/4	2,144.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,359.66	1/2	4,061.25	1/2	3,765.57	1/2	3,455.18	1/2	3,131.28	1/2	2,799.97	1/2	2,468.62	1/2	2,137.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,354.48	3/4	4,055.23	3/4	3,759.23	3/4	3,448.57	3/4	3,124.39	3/4	2,793.06	3/4	2,461.72	3/4	2,130.32
7		7		7		7	4,349.30	7	4,049.22	7	3,752.90	7	3,441.96	7	3,117.49	7	2,786.16	7	2,454.82	7	2,123.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,344.12	1/4	4,043.20	1/4	3,746.56	1/4	3,435.35	1/4	3,110.60	1/4	2,779.26	1/4	2,447.91	1/4	2,116.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,337.22	1/2	4,037.16	1/2	3,740.21	1/2	3,428.71	1/2	3,103.70	1/2	2,772.35	1/2	2,441.01	1/2	2,109.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,330.31	3/4	4,031.11	3/4	3,733.85	3/4	3,422.08	3/4	3,096.79	3/4	2,765.45	3/4	2,434.10	3/4	2,102.70
8		8		8		8	4,323.41	8	4,025.07	8	3,727.50	8	3,415.44	8	3,089.89	8	2,758.55	8	2,427.20	8	2,095.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,316.51	1/4	4,019.03	1/4	3,721.14	1/4	3,408.81	1/4	3,082.99	1/4	2,751.64	1/4	2,420.30	1/4	2,088.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,309.60	1/2	4,012.96	1/2	3,714.77	1/2	3,402.15	1/2	3,076.09	1/2	2,744.74	1/2	2,413.39	1/2	2,081.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,302.70	3/4	4,006.90	3/4	3,708.39	3/4	3,395.49	3/4	3,069.18	3/4	2,737.84	3/4	2,406.49	3/4	2,075.08
9		9		9		9	4,295.79	9	4,000.84	9	3,702.01	9	3,388.82	9	3,062.28	9	2,730.94	9	2,399.58	9	2,068.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,288.89	1/4	3,994.78	1/4	3,695.64	1/4	3,382.16	1/4	3,055.38	1/4	2,724.03	1/4	2,392.68	1/4	2,061.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,281.99	1/2	3,988.69	1/2	3,689.23	1/2	3,375.48	1/2	3,048.47	1/2	2,717.13	1/2	2,385.77	1/2	2,054.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,275.08	3/4	3,982.61	3/4	3,682.83	3/4	3,368.80	3/4	3,041.57	3/4	2,710.23	3/4	2,378.87	3/4	2,047.46
10		10		10		10	4,268.18	10	3,976.52	10	3,676.42	10	3,362.11	10	3,034.67	10	2,703.32	10	2,371.97	10	2,040.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,261.27	1/4	3,970.44	1/4	3,670.02	1/4	3,355.43	1/4	3,027.76	1/4	2,696.42	1/4	2,365.06	1/4	2,033.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,254.37	1/2	3,964.33	1/2	3,663.60	1/2	3,348.73	1/2	3,020.86	1/2	2,689.52	1/2	2,358.16	1/2	2,026.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,247.46	3/4	3,958.21	3/4	3,657.17	3/4	3,342.02	3/4	3,013.96	3/4	2,682.61	3/4	2,351.25	3/4	2,019.85
11		11		11		11	4,240.56	11	3,952.10	11	3,650.75	11	3,335.32	11	3,007.06	11	2,675.71	11	2,344.35	11	2,012.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,233.66	1/4	3,945.99	1/4	3,644.32	1/4	3,328.61	1/4	3,000.15	1/4	2,668.81	1/4	2,337.44	1/4	2,006.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,227.77	1/2	3,939.86	1/2	3,637.88	1/2	3,321.88	1/2	2,993.25	1/2	2,661.91	1/2	2,330.54	1/2	1,999.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,221.88	3/4	3,933.72	3/4	3,631.43	3/4	3,315.15	3/4	2,986.35	3/4	2,655.00	3/4	2,323.64	3/4	1,992.23

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 37'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

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<http://www.pmacorp.net>



BARGE "KIRBY 28052"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	1,985.32	0	1,653.92	0	1,322.51	0	991.39	0	674.68	0	381.05	0	111.01	0		0		0	
1/4	1,978.42	1/4	1,647.01	1/4	1,315.61	1/4	984.54	1/4	668.31	1/4	375.17	1/4	105.62	1/4	1/4	1/4		1/4	
1/2	1,971.52	1/2	1,640.11	1/2	1,308.70	1/2	977.71	1/2	661.98	1/2	369.33	1/2	100.27	1/2	1/2	1/2		1/2	
3/4	1,964.61	3/4	1,633.21	3/4	1,301.80	3/4	970.89	3/4	655.65	3/4	363.49	3/4	94.92	3/4	3/4	3/4		3/4	
1	1,957.71	1	1,626.30	1	1,294.89	1	964.07	1	649.31	1	357.64	1	89.57	1		1		1	
1/4	1,950.80	1/4	1,619.40	1/4	1,287.99	1/4	957.24	1/4	642.98	1/4	351.80	1/4	84.22	1/4	1/4	1/4		1/4	
1/2	1,943.90	1/2	1,612.49	1/2	1,281.09	1/2	950.48	1/2	636.69	1/2	346.00	1/2	78.92	1/2	1/2	1/2		1/2	
3/4	1,936.99	3/4	1,605.59	3/4	1,274.18	3/4	943.71	3/4	630.40	3/4	340.20	3/4	73.61	3/4	3/4	3/4		3/4	
2	1,930.09	2	1,598.68	2	1,267.28	2	936.94	2	624.11	2	334.41	2	68.31	2		2		2	
1/4	1,923.19	1/4	1,591.78	1/4	1,260.37	1/4	930.18	1/4	617.82	1/4	328.61	1/4	63.01	1/4	1/4	1/4		1/4	
1/2	1,916.28	1/2	1,584.88	1/2	1,253.47	1/2	923.45	1/2	611.56	1/2	322.85	1/2	57.74	1/2	1/2	1/2		1/2	
3/4	1,909.38	3/4	1,577.97	3/4	1,246.56	3/4	916.72	3/4	605.31	3/4	317.09	3/4	52.47	3/4	3/4	3/4		3/4	
3	1,902.47	3	1,571.07	3	1,239.66	3	910.00	3	599.06	3	311.33	3	47.21	3		3		3	
1/4	1,895.57	1/4	1,564.16	1/4	1,232.76	1/4	903.27	1/4	592.81	1/4	305.57	1/4	41.94	1/4	1/4	1/4		1/4	
1/2	1,888.66	1/2	1,557.26	1/2	1,225.85	1/2	896.59	1/2	586.60	1/2	299.85	1/2	37.58	1/2	1/2	1/2		1/2	
3/4	1,881.76	3/4	1,550.35	3/4	1,218.95	3/4	889.90	3/4	580.39	3/4	294.13	3/4	33.22	3/4	3/4	3/4		3/4	
4	1,874.86	4	1,543.45	4	1,212.04	4	883.22	4	574.18	4	288.42	4	28.87	4		4		4	
1/4	1,867.95	1/4	1,536.55	1/4	1,205.14	1/4	876.53	1/4	567.98	1/4	282.70	1/4	24.51	1/4	1/4	1/4		1/4	
1/2	1,861.05	1/2	1,529.64	1/2	1,198.23	1/2	869.89	1/2	561.81	1/2	277.02	1/2	21.91	1/2	1/2	1/2		1/2	
3/4	1,854.14	3/4	1,522.74	3/4	1,191.33	3/4	863.24	3/4	555.64	3/4	271.34	3/4	19.32	3/4	3/4	3/4		3/4	
5	1,847.24	5	1,515.83	5	1,184.43	5	856.60	5	549.47	5	265.66	5	16.73	5		5		5	
1/4	1,840.33	1/4	1,508.93	1/4	1,177.52	1/4	849.95	1/4	543.30	1/4	259.98	1/4	14.13	1/4	1/4	1/4		1/4	
1/2	1,833.43	1/2	1,502.02	1/2	1,170.62	1/2	843.35	1/2	537.17	1/2	254.35	1/2		1/2	1/2	1/2		1/2	
3/4	1,826.53	3/4	1,495.12	3/4	1,163.71	3/4	836.75	3/4	531.04	3/4	248.72	3/4		3/4	3/4	3/4		3/4	
6	1,819.62	6	1,488.22	6	1,156.81	6	830.14	6	524.92	6	243.08	6	6	6		6		6	
1/4	1,812.72	1/4	1,481.31	1/4	1,149.90	1/4	823.54	1/4	518.79	1/4	237.45	1/4		1/4	1/4	1/4		1/4	
1/2	1,805.81	1/2	1,474.41	1/2	1,143.00	1/2	816.98	1/2	512.70	1/2	231.85	1/2		1/2	1/2	1/2		1/2	
3/4	1,798.91	3/4	1,467.50	3/4	1,136.10	3/4	810.42	3/4	506.62	3/4	226.25	3/4		3/4	3/4	3/4		3/4	
7	1,792.00	7	1,460.60	7	1,129.19	7	803.85	7	500.53	7	220.66	7	7	7		7		7	
1/4	1,785.10	1/4	1,453.69	1/4	1,122.29	1/4	797.29	1/4	494.44	1/4	215.06	1/4		1/4	1/4	1/4		1/4	
1/2	1,778.20	1/2	1,446.79	1/2	1,115.38	1/2	790.77	1/2	488.40	1/2	209.51	1/2		1/2	1/2	1/2		1/2	
3/4	1,771.29	3/4	1,439.89	3/4	1,108.48	3/4	784.25	3/4	482.35	3/4	203.95	3/4		3/4	3/4	3/4		3/4	
8	1,764.39	8	1,432.98	8	1,101.57	8	777.73	8	476.31	8	198.40	8	8	8		8		8	
1/4	1,757.48	1/4	1,426.08	1/4	1,094.67	1/4	771.21	1/4	470.26	1/4	192.85	1/4		1/4	1/4	1/4		1/4	
1/2	1,750.58	1/2	1,419.17	1/2	1,087.77	1/2	764.73	1/2	464.26	1/2	187.33	1/2		1/2	1/2	1/2		1/2	
3/4	1,743.67	3/4	1,412.27	3/4	1,080.86	3/4	758.24	3/4	458.25	3/4	181.82	3/4		3/4	3/4	3/4		3/4	
9	1,736.77	9	1,405.36	9	1,073.96	9	751.76	9	452.25	9	176.30	9	9	9		9		9	
1/4	1,729.87	1/4	1,398.46	1/4	1,067.06	1/4	745.28	1/4	446.24	1/4	170.79	1/4		1/4	1/4	1/4		1/4	
1/2	1,722.96	1/2	1,391.55	1/2	1,060.16	1/2	738.83	1/2	440.28	1/2	165.32	1/2		1/2	1/2	1/2		1/2	
3/4	1,716.06	3/4	1,384.65	3/4	1,053.27	3/4	732.37	3/4	434.31	3/4	159.85	3/4		3/4	3/4	3/4		3/4	
10	1,709.15	10	1,377.75	10	1,046.37	10	725.92	10	428.35	10	154.38	10	10	10		10		10	
1/4	1,702.25	1/4	1,370.84	1/4	1,039.48	1/4	719.46	1/4	422.39	1/4	148.91	1/4		1/4	1/4	1/4		1/4	
1/2	1,695.34	1/2	1,363.94	1/2	1,032.60	1/2	713.05	1/2	416.46	1/2	143.47	1/2		1/2	1/2	1/2		1/2	
3/4	1,688.44	3/4	1,357.03	3/4	1,025.72	3/4	706.63	3/4	410.54	3/4	138.04	3/4		3/4	3/4	3/4		3/4	
11	1,681.54	11	1,350.13	11	1,018.84	11	700.22	11	404.62	11	132.60	11	11	11		11		11	
1/4	1,674.63	1/4	1,343.22	1/4	1,011.96	1/4	693.80	1/4	398.69	1/4	127.17	1/4		1/4	1/4	1/4		1/4	
1/2	1,667.73	1/2	1,336.32	1/2	1,005.10	1/2	687.43	1/2	392.81	1/2	121.78	1/2		1/2	1/2	1/2		1/2	
3/4	1,660.82	3/4	1,329.42	3/4	998.25	3/4	681.06	3/4	386.93	3/4	116.39	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/20/2007 CL - SW
CALCULATED: 04/20/2007 CL
PRINTED: 04/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2007

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



BARGE "KIRBY 28052"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,214.77	0	3,926.34	0	3,623.69	0	3,307.09	0	2,978.07	0	2,646.68	0	2,315.26		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,208.88	1/4	3,920.21	1/4	3,617.24	1/4	3,300.35	1/4	2,971.16	1/4	2,639.77	1/4	2,308.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,202.97	1/2	3,914.05	1/2	3,610.77	1/2	3,293.60	1/2	2,964.26	1/2	2,632.87	1/2	2,301.45		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,197.06	3/4	3,907.90	3/4	3,604.30	3/4	3,286.85	3/4	2,957.36	3/4	2,625.96	3/4	2,294.54		
1		1		1		1	4,191.15	1	3,901.74	1	3,597.82	1	3,280.09	1	2,950.45	1	2,619.06	1	2,287.64		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,185.24	1/4	3,895.58	1/4	3,591.35	1/4	3,273.34	1/4	2,943.55	1/4	2,612.16	1/4	2,280.73		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,179.31	1/2	3,889.40	1/2	3,584.85	1/2	3,266.56	1/2	2,936.64	1/2	2,605.25	1/2	2,273.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,173.37	3/4	3,883.22	3/4	3,578.36	3/4	3,259.77	3/4	2,929.74	3/4	2,598.35	3/4	2,266.92		
2		2		2		2	4,167.44	2	3,877.04	2	3,571.86	2	3,252.99	2	2,922.84	2	2,591.44	2	2,260.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,161.51	1/4	3,870.86	1/4	3,565.37	1/4	3,246.21	1/4	2,915.93	1/4	2,584.54	1/4	2,253.11		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,155.55	1/2	3,864.65	1/2	3,558.85	1/2	3,239.41	1/2	2,909.03	1/2	2,577.64	1/2	2,246.21		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,149.59	3/4	3,858.45	3/4	3,552.33	3/4	3,232.60	3/4	2,902.12	3/4	2,570.73	3/4	2,239.30		
3		3		3		3	4,143.63	3	3,852.25	3	3,545.81	3	3,225.80	3	2,895.22	3	2,563.83	3	2,232.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,137.67	1/4	3,846.04	1/4	3,539.30	1/4	3,219.00	1/4	2,888.32	1/4	2,556.92	1/4	2,225.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,131.73	1/2	3,839.78	1/2	3,532.75	1/2	3,212.18	1/2	2,881.41	1/2	2,550.02	1/2	2,218.59		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,125.78	3/4	3,833.52	3/4	3,526.21	3/4	3,205.35	3/4	2,874.51	3/4	2,543.12	3/4	2,211.68		
4		4		4		4	4,119.83	4	3,827.26	4	3,519.67	4	3,198.53	4	2,867.60	4	2,536.21	4	2,204.78		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,113.89	1/4	3,821.01	1/4	3,513.12	1/4	3,191.71	1/4	2,860.70	1/4	2,529.31	1/4	2,197.87		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,107.92	1/2	3,814.72	1/2	3,506.56	1/2	3,184.86	1/2	2,853.80	1/2	2,522.40	1/2	2,190.97		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,101.95	3/4	3,808.43	3/4	3,499.99	3/4	3,178.00	3/4	2,846.89	3/4	2,515.50	3/4	2,184.06		
5		5		5		5	4,095.98	5	3,802.15	5	3,493.43	5	3,171.15	5	2,839.99	5	2,508.60	5	2,177.16		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,090.01	1/4	3,795.86	1/4	3,486.86	1/4	3,164.30	1/4	2,833.08	1/4	2,501.69	1/4	2,170.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,084.02	1/2	3,789.56	1/2	3,480.27	1/2	3,157.43	1/2	2,826.18	1/2	2,494.79	1/2	2,163.35		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,078.02	3/4	3,783.25	3/4	3,473.67	3/4	3,150.56	3/4	2,819.28	3/4	2,487.88	3/4	2,156.44		
6		6		6		6	4,072.03	6	3,776.94	6	3,467.08	6	3,143.68	6	2,812.37	6	2,480.98	6	2,149.54		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,066.03	1/4	3,770.63	1/4	3,460.48	1/4	3,136.81	1/4	2,805.47	1/4	2,474.08	1/4	2,142.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,060.02	1/2	3,764.30	1/2	3,453.87	1/2	3,129.92	1/2	2,798.56	1/2	2,467.17	1/2	2,135.72		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,353.29	3/4	4,054.00	3/4	3,757.96	3/4	3,447.26	3/4	3,123.03	3/4	2,791.66	3/4	2,460.27		
7		7		7		7	4,047.98	7	3,751.62	7	3,440.64	7	3,116.14	7	2,784.76	7	2,453.36	7	2,121.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,342.93	1/4	4,041.97	1/4	3,745.29	1/4	3,434.03	1/4	3,109.24	1/4	2,777.85	1/4	2,446.46		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,336.02	1/2	4,035.92	1/2	3,738.93	1/2	3,427.40	1/2	3,102.34	1/2	2,770.95	1/2	2,439.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,329.12	3/4	4,029.88	3/4	3,732.58	3/4	3,420.76	3/4	3,095.43	3/4	2,764.04	3/4	2,432.65		
8		8		8		8	4,322.21	8	4,023.83	8	3,726.22	8	3,414.12	8	3,088.53	8	2,757.14	8	2,425.74		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,315.31	1/4	4,017.79	1/4	3,719.87	1/4	3,407.49	1/4	3,081.63	1/4	2,750.24	1/4	2,418.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,308.40	1/2	4,011.72	1/2	3,713.49	1/2	3,400.83	1/2	3,074.72	1/2	2,743.33	1/2	2,411.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,301.50	3/4	4,005.66	3/4	3,707.11	3/4	3,394.16	3/4	3,067.82	3/4	2,736.43	3/4	2,405.03		
9		9		9		9	4,294.59	9	3,999.60	9	3,700.73	9	3,387.50	9	3,060.91	9	2,729.52	9	2,398.12		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,287.69	1/4	3,993.53	1/4	3,694.36	1/4	3,380.84	1/4	3,054.01	1/4	2,722.62	1/4	2,391.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,280.78	1/2	3,987.45	1/2	3,687.95	1/2	3,374.15	1/2	3,047.11	1/2	2,715.72	1/2	2,384.31		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,273.88	3/4	3,981.36	3/4	3,681.55	3/4	3,367.47	3/4	3,040.20	3/4	2,708.81	3/4	2,377.41		
10		10		10		10	4,266.97	10	3,975.28	10	3,675.14	10	3,360.79	10	3,033.30	10	2,701.91	10	2,370.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,260.07	1/4	3,969.19	1/4	3,668.73	1/4	3,354.10	1/4	3,026.39	1/4	2,695.00	1/4	2,363.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,253.16	1/2	3,963.08	1/2	3,662.31	1/2	3,347.40	1/2	3,019.49	1/2	2,688.10	1/2	2,356.69		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,246.26	3/4	3,956.97	3/4	3,655.88	3/4	3,340.69	3/4	3,012.59	3/4	2,681.20	3/4	2,349.79		
11		11		11		11	4,239.35	11	3,950.85	11	3,649.46	11	3,333.99	11	3,005.68	11	2,674.29	11	2,342.88		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,232.45	1/4	3,944.74	1/4	3,643.03	1/4	3,327.28	1/4	2,998.78	1/4	2,667.39	1/4	2,335.98		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,226.55	1/2	3,938.61	1/2	3,636.59	1/2	3,320.55	1/2	2,991.87	1/2	2,660.48	1/2	2,329.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,220.66	3/4	3,932.47	3/4	3,630.14	3/4	3,313.82	3/4	2,984.97	3/4	2,653.58	3/4	2,322.17		

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 37'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28052"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,983.81	0	1,652.36	0	1,320.91	0	989.84	0	674.76	0	381.09	0	111.02	0		0		0	
1/4	1,976.91	1/4	1,645.46	1/4	1,314.01	1/4	983.01	1/4	668.39	1/4	375.21	1/4	105.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,970.00	1/2	1,638.55	1/2	1,307.10	1/2	976.22	1/2	662.05	1/2	369.37	1/2	100.28	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,963.09	3/4	1,631.65	3/4	1,300.20	3/4	969.43	3/4	655.72	3/4	363.53	3/4	94.93	3/4	3/4	3/4	3/4	3/4	3/4
1	1,956.19	1	1,624.74	1	1,293.29	1	962.65	1	649.39	1	357.68	1	89.58	1		1		1	
1/4	1,949.28	1/4	1,617.83	1/4	1,286.39	1/4	955.86	1/4	643.05	1/4	351.84	1/4	84.23	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,942.38	1/2	1,610.93	1/2	1,279.48	1/2	949.13	1/2	636.76	1/2	346.04	1/2	78.93	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,935.47	3/4	1,604.02	3/4	1,272.58	3/4	942.40	3/4	630.47	3/4	340.24	3/4	73.62	3/4	3/4	3/4	3/4	3/4	3/4
2	1,928.57	2	1,597.12	2	1,265.67	2	935.67	2	624.18	2	334.44	2	68.32	2		2		2	
1/4	1,921.66	1/4	1,590.21	1/4	1,258.76	1/4	928.94	1/4	617.89	1/4	328.64	1/4	63.01	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,914.76	1/2	1,583.31	1/2	1,251.86	1/2	922.25	1/2	611.63	1/2	322.88	1/2	57.75	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,907.85	3/4	1,576.40	3/4	1,244.95	3/4	915.57	3/4	605.38	3/4	317.12	3/4	52.48	3/4	3/4	3/4	3/4	3/4	3/4
3	1,900.95	3	1,569.50	3	1,238.05	3	908.88	3	599.13	3	311.36	3	47.21	3		3		3	
1/4	1,894.04	1/4	1,562.59	1/4	1,231.14	1/4	902.19	1/4	592.88	1/4	305.60	1/4	41.94	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,887.14	1/2	1,555.69	1/2	1,224.24	1/2	895.54	1/2	586.67	1/2	299.88	1/2	37.59	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,880.23	3/4	1,548.78	3/4	1,217.33	3/4	888.89	3/4	580.46	3/4	294.17	3/4	33.23	3/4	3/4	3/4	3/4	3/4	3/4
4	1,873.33	4	1,541.88	4	1,210.43	4	882.25	4	574.25	4	288.45	4	28.87	4		4		4	
1/4	1,866.42	1/4	1,534.97	1/4	1,203.52	1/4	875.60	1/4	568.04	1/4	282.73	1/4	24.51	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,859.52	1/2	1,528.07	1/2	1,196.62	1/2	868.99	1/2	561.87	1/2	277.05	1/2	21.92	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,852.61	3/4	1,521.16	3/4	1,189.71	3/4	862.39	3/4	555.70	3/4	271.37	3/4	19.32	3/4	3/4	3/4	3/4	3/4	3/4
5	1,845.71	5	1,514.26	5	1,182.81	5	855.78	5	549.53	5	265.69	5	16.73	5		5		5	
1/4	1,838.80	1/4	1,507.35	1/4	1,175.90	1/4	849.17	1/4	543.36	1/4	260.01	1/4	14.13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,831.90	1/2	1,500.45	1/2	1,169.00	1/2	842.61	1/2	537.23	1/2	254.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,824.99	3/4	1,493.54	3/4	1,162.09	3/4	836.04	3/4	531.11	3/4	248.74	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,818.09	6	1,486.64	6	1,155.19	6	829.48	6	524.98	6	243.11	6	6	6		6		6	
1/4	1,811.18	1/4	1,479.73	1/4	1,148.28	1/4	822.91	1/4	518.85	1/4	237.47	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,804.28	1/2	1,472.83	1/2	1,141.38	1/2	816.39	1/2	512.76	1/2	231.88	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,797.37	3/4	1,465.92	3/4	1,134.47	3/4	809.86	3/4	506.67	3/4	226.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,790.46	7	1,459.02	7	1,127.57	7	803.34	7	500.59	7	220.68	7	7	7		7		7	
1/4	1,783.56	1/4	1,452.11	1/4	1,120.66	1/4	796.81	1/4	494.50	1/4	215.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,776.65	1/2	1,445.20	1/2	1,113.76	1/2	790.33	1/2	488.45	1/2	209.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,769.75	3/4	1,438.30	3/4	1,106.85	3/4	783.85	3/4	482.41	3/4	203.98	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,762.84	8	1,431.39	8	1,099.95	8	777.36	8	476.36	8	198.42	8	8	8		8		8	
1/4	1,755.94	1/4	1,424.49	1/4	1,093.04	1/4	770.88	1/4	470.32	1/4	192.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,749.03	1/2	1,417.58	1/2	1,086.14	1/2	764.44	1/2	464.31	1/2	187.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,742.13	3/4	1,410.68	3/4	1,079.23	3/4	757.99	3/4	458.30	3/4	181.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,735.22	9	1,403.77	9	1,072.33	9	751.55	9	452.30	9	176.32	9	9	9		9		9	
1/4	1,728.32	1/4	1,396.87	1/4	1,065.42	1/4	745.10	1/4	446.29	1/4	170.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,721.41	1/2	1,389.96	1/2	1,058.53	1/2	738.69	1/2	440.33	1/2	165.34	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,714.51	3/4	1,383.06	3/4	1,051.63	3/4	732.27	3/4	434.36	3/4	159.86	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,707.60	10	1,376.15	10	1,044.73	10	725.85	10	428.40	10	154.39	10	10	10		10		10	
1/4	1,700.70	1/4	1,369.25	1/4	1,037.84	1/4	719.43	1/4	422.44	1/4	148.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,693.79	1/2	1,362.34	1/2	1,030.96	1/2	713.04	1/2	416.51	1/2	143.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,686.89	3/4	1,355.44	3/4	1,024.08	3/4	706.65	3/4	410.59	3/4	138.05	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,679.98	11	1,348.53	11	1,017.20	11	700.27	11	404.66	11	132.62	11	11	11		11		11	
1/4	1,673.08	1/4	1,341.63	1/4	1,010.32	1/4	693.88	1/4	398.74	1/4	127.18	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,666.17	1/2	1,334.72	1/2	1,003.49	1/2	687.51	1/2	392.86	1/2	121.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,659.27	3/4	1,327.82	3/4	996.66	3/4	681.14	3/4	386.98	3/4	116.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/20/2007 CL - SW
CALCULATED: 04/20/2007 CL
PRINTED: 04/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 28052"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	5,092.75	0	4,756.38	0	4,402.60	0	4,032.17	0	3,647.34	0	3,259.95	0	2,872.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,085.83	1/4	4,749.22	1/4	4,395.04	1/4	4,024.27	1/4	3,639.27	1/4	3,251.88	1/4	2,864.43		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,078.92	1/2	4,742.06	1/2	4,387.47	1/2	4,016.38	1/2	3,631.20	1/2	3,243.81	1/2	2,856.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,072.01	3/4	4,734.89	3/4	4,379.90	3/4	4,008.48	3/4	3,623.13	3/4	3,235.73	3/4	2,848.29		
1		1		1		1	5,065.10	1	4,727.73	1	4,372.33	1	4,000.59	1	3,615.06	1	3,227.66	1	2,840.21		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,058.17	1/4	4,720.53	1/4	4,364.74	1/4	3,992.66	1/4	3,606.99	1/4	3,219.59	1/4	2,832.14		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,051.23	1/2	4,713.34	1/2	4,357.15	1/2	3,984.73	1/2	3,598.92	1/2	3,211.52	1/2	2,824.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,044.30	3/4	4,706.14	3/4	4,349.55	3/4	3,976.80	3/4	3,590.85	3/4	3,203.45	3/4	2,815.99		
2		2		2		2	5,037.36	2	4,698.95	2	4,341.96	2	3,968.87	2	3,582.77	2	3,195.38	2	2,807.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,030.39	1/4	4,691.73	1/4	4,334.34	1/4	3,960.92	1/4	3,574.70	1/4	3,187.31	1/4	2,799.85		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,023.42	1/2	4,684.50	1/2	4,326.72	1/2	3,952.97	1/2	3,566.63	1/2	3,179.24	1/2	2,791.77		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,016.46	3/4	4,677.28	3/4	4,319.10	3/4	3,945.02	3/4	3,558.56	3/4	3,171.17	3/4	2,783.70		
3		3		3		3	5,009.49	3	4,670.06	3	4,311.49	3	3,937.07	3	3,550.49	3	3,163.10	3	2,775.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,002.57	1/4	4,662.75	1/4	4,303.84	1/4	3,929.09	1/4	3,542.42	1/4	3,155.03	1/4	2,767.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,995.65	1/2	4,655.43	1/2	4,296.19	1/2	3,921.11	1/2	3,534.35	1/2	3,146.96	1/2	2,759.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,988.73	3/4	4,648.11	3/4	4,288.54	3/4	3,913.14	3/4	3,526.28	3/4	3,138.89	3/4	2,751.41		
4		4		4		4	4,981.80	4	4,640.80	4	4,280.89	4	3,905.16	4	3,518.21	4	3,130.82	4	2,743.34		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,974.86	1/4	4,633.45	1/4	4,273.21	1/4	3,897.15	1/4	3,510.14	1/4	3,122.74	1/4	2,735.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,967.91	1/2	4,626.10	1/2	4,265.54	1/2	3,889.14	1/2	3,502.07	1/2	3,114.67	1/2	2,727.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,960.96	3/4	4,618.75	3/4	4,257.87	3/4	3,881.13	3/4	3,494.00	3/4	3,106.60	3/4	2,719.12		
5		5		5		5	4,954.02	5	4,611.41	5	4,250.19	5	3,873.12	5	3,485.93	5	3,098.53	5	2,711.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,947.04	1/4	4,604.03	1/4	4,242.48	1/4	3,865.09	1/4	3,477.86	1/4	3,090.46	1/4	2,702.97		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,940.06	1/2	4,596.66	1/2	4,234.77	1/2	3,857.05	1/2	3,469.78	1/2	3,082.39	1/2	2,694.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,933.09	3/4	4,589.29	3/4	4,227.06	3/4	3,849.02	3/4	3,461.71	3/4	3,074.32	3/4	2,686.82		
6		6		6		6	4,926.11	6	4,581.91	6	4,219.36	6	3,840.99	6	3,453.64	6	3,066.25	6	2,678.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,919.10	1/4	4,574.51	1/4	4,211.62	1/4	3,832.93	1/4	3,445.57	1/4	3,058.18	1/4	2,670.68		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,261.57	1/2	4,912.10	1/2	4,567.10	1/2	4,203.89	1/2	3,824.87	1/2	3,437.50	1/2	3,050.11	1/2	2,662.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,255.52	3/4	4,905.10	3/4	4,559.69	3/4	4,196.16	3/4	3,816.81	3/4	3,429.43	3/4	3,042.04	3/4	2,654.53
7		7		7		7	4,898.10	7	4,552.28	7	4,188.43	7	3,808.75	7	3,421.36	7	3,033.97	7	2,646.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,241.39	1/4	4,891.06	1/4	4,544.85	1/4	4,180.68	1/4	3,800.68	1/4	3,413.29	1/4	3,025.89	1/4	2,638.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,233.32	1/2	4,884.03	1/2	4,537.42	1/2	4,172.92	1/2	3,792.61	1/2	3,405.22	1/2	3,017.82	1/2	2,630.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,225.24	3/4	4,876.99	3/4	4,530.00	3/4	4,165.16	3/4	3,784.54	3/4	3,397.15	3/4	3,009.75	3/4	2,622.24
8		8		8		8	5,217.17	8	4,869.96	8	4,522.57	8	4,157.41	8	3,776.47	8	3,389.08	8	3,001.67	8	2,614.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,209.10	1/4	4,862.90	1/4	4,515.11	1/4	4,149.62	1/4	3,768.40	1/4	3,381.01	1/4	2,993.60	1/4	2,606.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,201.02	1/2	4,855.84	1/2	4,507.66	1/2	4,141.83	1/2	3,760.33	1/2	3,372.94	1/2	2,985.53	1/2	2,598.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,192.95	3/4	4,848.79	3/4	4,500.20	3/4	4,134.04	3/4	3,752.26	3/4	3,364.87	3/4	2,977.46	3/4	2,589.95
9		9		9		9	5,184.88	9	4,841.73	9	4,492.75	9	4,126.25	9	3,744.19	9	3,356.79	9	2,969.38	9	2,581.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,176.81	1/4	4,834.65	1/4	4,485.26	1/4	4,118.44	1/4	3,736.12	1/4	3,348.72	1/4	2,961.31	1/4	2,573.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,168.73	1/2	4,827.56	1/2	4,477.77	1/2	4,110.62	1/2	3,728.05	1/2	3,340.65	1/2	2,953.24	1/2	2,565.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,160.66	3/4	4,820.48	3/4	4,470.28	3/4	4,102.81	3/4	3,719.98	3/4	3,332.58	3/4	2,945.16	3/4	2,557.65
10		10		10		10	5,152.59	10	4,813.40	10	4,462.80	10	4,095.00	10	3,711.91	10	3,324.51	10	2,937.09	10	2,549.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,144.51	1/4	4,806.28	1/4	4,455.28	1/4	4,087.16	1/4	3,703.84	1/4	3,316.44	1/4	2,929.02	1/4	2,541.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,136.44	1/2	4,799.17	1/2	4,447.77	1/2	4,079.32	1/2	3,695.76	1/2	3,308.37	1/2	2,920.94	1/2	2,533.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,128.37	3/4	4,792.05	3/4	4,440.26	3/4	4,071.48	3/4	3,687.69	3/4	3,300.30	3/4	2,912.87	3/4	2,525.36
11		11		11		11	5,120.29	11	4,784.94	11	4,432.75	11	4,063.64	11	3,679.62	11	3,292.23	11	2,904.80	11	2,517.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,113.41	1/4	4,777.80	1/4	4,425.21	1/4	4,055.78	1/4	3,671.55	1/4	3,284.16	1/4	2,896.72	1/4	2,509.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,106.52	1/2	4,770.66	1/2	4,417.68	1/2	4,047.91	1/2	3,663.48	1/2	3,276.09	1/2	2,888.65	1/2	2,501.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,099.63	3/4	4,763.52	3/4	4,410.14	3/4	4,040.04	3/4	3,655.41	3/4	3,268.02	3/4	2,880.58	3/4	2,493.07

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 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28052"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	2,485.00	0	2,097.49	0	1,709.98	0	1,322.47	0	934.96	0	548.32	0	161.22	0		0		0	
1/4	2,476.92	1/4	2,089.41	1/4	1,701.91	1/4	1,314.40	1/4	926.89	1/4	540.26	1/4	153.16	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,468.85	1/2	2,081.34	1/2	1,693.83	1/2	1,306.32	1/2	918.81	1/2	532.19	1/2	145.09	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,460.78	3/4	2,073.27	3/4	1,685.76	3/4	1,298.25	3/4	910.74	3/4	524.13	3/4	137.03	3/4	3/4	3/4	3/4	3/4	3/4
1	2,452.70	1	2,065.19	1	1,677.69	1	1,290.18	1	902.67	1	516.06	1	128.97	1		1		1	
1/4	2,444.63	1/4	2,057.12	1/4	1,669.61	1/4	1,282.10	1/4	894.61	1/4	508.00	1/4	120.90	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,436.56	1/2	2,049.05	1/2	1,661.54	1/2	1,274.03	1/2	886.55	1/2	499.93	1/2	112.84	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,428.48	3/4	2,040.98	3/4	1,653.47	3/4	1,265.96	3/4	878.49	3/4	491.87	3/4	104.77	3/4	3/4	3/4	3/4	3/4	3/4
2	2,420.41	2	2,032.90	2	1,645.39	2	1,257.88	2	870.42	2	483.80	2	96.71	2		2		2	
1/4	2,412.34	1/4	2,024.83	1/4	1,637.32	1/4	1,249.81	1/4	862.38	1/4	475.74	1/4	88.64	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,404.27	1/2	2,016.76	1/2	1,629.25	1/2	1,241.74	1/2	854.33	1/2	467.67	1/2	80.58	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,396.19	3/4	2,008.68	3/4	1,621.17	3/4	1,233.67	3/4	846.28	3/4	459.61	3/4	72.51	3/4	3/4	3/4	3/4	3/4	3/4
3	2,388.12	3	2,000.61	3	1,613.10	3	1,225.59	3	838.23	3	451.55	3	64.45	3		3		3	
1/4	2,380.05	1/4	1,992.54	1/4	1,605.03	1/4	1,217.52	1/4	830.18	1/4	443.48	1/4	57.39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,371.97	1/2	1,984.46	1/2	1,596.96	1/2	1,209.45	1/2	822.13	1/2	435.42	1/2	50.34	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,363.90	3/4	1,976.39	3/4	1,588.88	3/4	1,201.37	3/4	814.08	3/4	427.35	3/4	43.28	3/4	3/4	3/4	3/4	3/4	3/4
4	2,355.83	4	1,968.32	4	1,580.81	4	1,193.30	4	806.03	4	419.29	4	36.22	4		4		4	
1/4	2,347.75	1/4	1,960.24	1/4	1,572.74	1/4	1,185.23	1/4	797.99	1/4	411.22	1/4	31.19	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,339.68	1/2	1,952.17	1/2	1,564.66	1/2	1,177.15	1/2	789.94	1/2	403.16	1/2	26.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,331.61	3/4	1,944.10	3/4	1,556.59	3/4	1,169.08	3/4	781.89	3/4	395.09	3/4	21.11	3/4	3/4	3/4	3/4	3/4	3/4
5	2,323.53	5	1,936.03	5	1,548.52	5	1,161.01	5	773.84	5	387.03	5	16.08	5		5		5	
1/4	2,315.46	1/4	1,927.95	1/4	1,540.44	1/4	1,152.93	1/4	765.79	1/4	378.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,307.39	1/2	1,919.88	1/2	1,532.37	1/2	1,144.86	1/2	757.74	1/2	370.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,299.31	3/4	1,911.81	3/4	1,524.30	3/4	1,136.79	3/4	749.69	3/4	362.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,291.24	6	1,903.73	6	1,516.22	6	1,128.72	6	741.64	6	354.77	6	6	6		6		6	
1/4	2,283.17	1/4	1,895.66	1/4	1,508.15	1/4	1,120.64	1/4	733.60	1/4	346.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,275.10	1/2	1,887.59	1/2	1,500.08	1/2	1,112.57	1/2	725.55	1/2	338.64	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,267.02	3/4	1,879.51	3/4	1,492.00	3/4	1,104.50	3/4	717.50	3/4	330.58	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	2,258.95	7	1,871.44	7	1,483.93	7	1,096.42	7	709.45	7	322.51	7	7	7		7		7	
1/4	2,250.88	1/4	1,863.37	1/4	1,475.86	1/4	1,088.35	1/4	701.40	1/4	314.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,242.80	1/2	1,855.29	1/2	1,467.79	1/2	1,080.28	1/2	693.35	1/2	306.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,234.73	3/4	1,847.22	3/4	1,459.71	3/4	1,072.20	3/4	685.30	3/4	298.32	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,226.66	8	1,839.15	8	1,451.64	8	1,064.13	8	677.26	8	290.26	8	8	8		8		8	
1/4	2,218.58	1/4	1,831.07	1/4	1,443.57	1/4	1,056.06	1/4	669.21	1/4	282.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,210.51	1/2	1,823.00	1/2	1,435.49	1/2	1,047.98	1/2	661.16	1/2	274.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,202.44	3/4	1,814.93	3/4	1,427.42	3/4	1,039.91	3/4	653.11	3/4	266.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,194.36	9	1,806.86	9	1,419.35	9	1,031.84	9	645.06	9	258.00	9	9	9		9		9	
1/4	2,186.29	1/4	1,798.78	1/4	1,411.27	1/4	1,023.76	1/4	637.00	1/4	249.93	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,178.22	1/2	1,790.71	1/2	1,403.20	1/2	1,015.69	1/2	628.95	1/2	241.87	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,170.15	3/4	1,782.64	3/4	1,395.13	3/4	1,007.62	3/4	620.89	3/4	233.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,162.07	10	1,774.56	10	1,387.05	10	999.55	10	612.84	10	225.74	10	10	10		10		10	
1/4	2,154.00	1/4	1,766.49	1/4	1,378.98	1/4	991.47	1/4	604.77	1/4	217.68	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,145.93	1/2	1,758.42	1/2	1,370.91	1/2	983.40	1/2	596.71	1/2	209.61	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,137.85	3/4	1,750.34	3/4	1,362.84	3/4	975.33	3/4	588.64	3/4	201.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,129.78	11	1,742.27	11	1,354.76	11	967.25	11	580.58	11	193.48	11	11	11		11		11	
1/4	2,121.71	1/4	1,734.20	1/4	1,346.69	1/4	959.18	1/4	572.51	1/4	185.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,113.63	1/2	1,726.12	1/2	1,338.62	1/2	951.11	1/2	564.45	1/2	177.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,105.56	3/4	1,718.05	3/4	1,330.54	3/4	943.03	3/4	556.38	3/4	169.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/20/2007 CL - SW
CALCULATED: 04/20/2007 CL
PRINTED: 04/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2007

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



BARGE "KIRBY 28052"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	5,087.32	0	4,751.10	0	4,397.60	0	4,027.38	0	3,642.63	0	3,255.12	0	2,867.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,080.43	1/4	4,743.96	1/4	4,390.06	1/4	4,019.50	1/4	3,634.56	1/4	3,247.04	1/4	2,859.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,073.52	1/2	4,736.79	1/2	4,382.49	1/2	4,011.61	1/2	3,626.49	1/2	3,238.97	1/2	2,851.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,066.61	3/4	4,729.62	3/4	4,374.92	3/4	4,003.71	3/4	3,618.41	3/4	3,230.90	3/4	2,843.33
1		1		1		1	5,059.70	1	4,722.46	1	4,367.35	1	3,995.81	1	3,610.34	1	3,222.82	1	2,835.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,052.78	1/4	4,715.29	1/4	4,359.78	1/4	3,987.92	1/4	3,602.27	1/4	3,214.75	1/4	2,827.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,045.84	1/2	4,708.09	1/2	4,352.18	1/2	3,979.98	1/2	3,594.19	1/2	3,206.68	1/2	2,819.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,038.91	3/4	4,700.89	3/4	4,344.59	3/4	3,972.05	3/4	3,586.12	3/4	3,198.60	3/4	2,811.03
2		2		2		2	5,031.97	2	4,693.70	2	4,336.99	2	3,964.12	2	3,578.05	2	3,190.53	2	2,802.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,025.03	1/4	4,686.50	1/4	4,329.40	1/4	3,956.19	1/4	3,569.97	1/4	3,182.46	1/4	2,794.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,018.06	1/2	4,679.28	1/2	4,321.77	1/2	3,948.23	1/2	3,561.90	1/2	3,174.38	1/2	2,786.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,011.09	3/4	4,672.05	3/4	4,314.15	3/4	3,940.28	3/4	3,553.83	3/4	3,166.31	3/4	2,778.72
3		3		3		3	5,004.12	3	4,664.83	3	4,306.53	3	3,932.33	3	3,545.75	3	3,158.24	3	2,770.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,997.15	1/4	4,657.61	1/4	4,298.91	1/4	3,924.37	1/4	3,537.68	1/4	3,150.16	1/4	2,762.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,990.23	1/2	4,650.29	1/2	4,291.26	1/2	3,916.39	1/2	3,529.61	1/2	3,142.09	1/2	2,754.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,983.30	3/4	4,643.97	3/4	4,283.61	3/4	3,908.42	3/4	3,521.53	3/4	3,134.02	3/4	2,746.42
4		4		4		4	4,976.38	4	4,635.65	4	4,275.96	4	3,900.44	4	3,513.46	4	3,125.94	4	2,738.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,969.45	1/4	4,628.33	1/4	4,268.30	1/4	3,892.46	1/4	3,505.39	1/4	3,117.87	1/4	2,730.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,962.51	1/2	4,620.98	1/2	4,260.63	1/2	3,884.45	1/2	3,497.31	1/2	3,109.80	1/2	2,722.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,955.56	3/4	4,613.63	3/4	4,252.95	3/4	3,876.43	3/4	3,489.24	3/4	3,101.72	3/4	2,714.12
5		5		5		5	4,948.61	5	4,606.28	5	4,245.27	5	3,868.42	5	3,481.17	5	3,093.65	5	2,706.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,941.66	1/4	4,598.93	1/4	4,237.60	1/4	3,860.41	1/4	3,473.09	1/4	3,085.58	1/4	2,697.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,934.68	1/2	4,591.55	1/2	4,229.89	1/2	3,852.37	1/2	3,465.02	1/2	3,077.50	1/2	2,689.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,927.70	3/4	4,584.18	3/4	4,222.17	3/4	3,844.34	3/4	3,456.95	3/4	3,069.43	3/4	2,681.82
6		6		6		6	4,920.72	6	4,576.80	6	4,214.46	6	3,836.30	6	3,448.87	6	3,061.36	6	2,673.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,913.74	1/4	4,569.43	1/4	4,206.75	1/4	3,828.27	1/4	3,440.80	1/4	3,053.28	1/4	2,665.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,906.73	1/2	4,562.02	1/2	4,199.02	1/2	3,820.21	1/2	3,432.73	1/2	3,045.21	1/2	2,657.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,249.31	3/4	4,899.73	3/4	4,554.61	3/4	4,191.28	3/4	3,812.15	3/4	3,424.65	3/4	3,037.14
7		7		7		7	4,892.72	7	4,547.20	7	4,183.55	7	3,804.09	7	3,416.58	7	3,029.06	7	2,641.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,237.20	1/4	4,885.72	1/4	4,539.79	1/4	4,175.82	1/4	3,796.03	1/4	3,408.51	1/4	3,020.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,229.12	1/2	4,878.68	1/2	4,532.36	1/2	4,168.06	1/2	3,787.95	1/2	3,400.44	1/2	3,012.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,221.05	3/4	4,871.64	3/4	4,524.92	3/4	4,160.30	3/4	3,779.88	3/4	3,392.36	3/4	3,004.84
8		8		8		8	5,212.97	8	4,864.60	8	4,517.49	8	4,152.54	8	3,771.81	8	3,384.29	8	2,996.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,204.90	1/4	4,857.57	1/4	4,510.06	1/4	4,144.78	1/4	3,763.73	1/4	3,376.22	1/4	2,988.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,196.82	1/2	4,850.51	1/2	4,502.60	1/2	4,136.99	1/2	3,755.66	1/2	3,368.14	1/2	2,980.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,188.75	3/4	4,843.45	3/4	4,495.15	3/4	4,129.20	3/4	3,747.59	3/4	3,360.07	3/4	2,972.54
9		9		9		9	5,180.67	9	4,836.39	9	4,487.69	9	4,121.41	9	3,739.51	9	3,352.00	9	2,964.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,172.60	1/4	4,829.33	1/4	4,480.23	1/4	4,113.62	1/4	3,731.44	1/4	3,343.92	1/4	2,956.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,164.52	1/2	4,822.25	1/2	4,472.74	1/2	4,105.80	1/2	3,723.37	1/2	3,335.85	1/2	2,948.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,156.45	3/4	4,815.16	3/4	4,465.25	3/4	4,097.98	3/4	3,715.29	3/4	3,327.78	3/4	2,940.23
10		10		10		10	5,148.37	10	4,808.08	10	4,457.76	10	4,090.17	10	3,707.22	10	3,319.70	10	2,932.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,140.29	1/4	4,800.99	1/4	4,450.27	1/4	4,082.35	1/4	3,699.15	1/4	3,311.63	1/4	2,924.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,132.22	1/2	4,793.87	1/2	4,442.76	1/2	4,074.51	1/2	3,691.07	1/2	3,303.56	1/2	2,916.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,124.14	3/4	4,786.76	3/4	4,435.24	3/4	4,066.67	3/4	3,683.00	3/4	3,295.48	3/4	2,907.93
11		11		11		11	5,116.07	11	4,779.64	11	4,427.73	11	4,058.83	11	3,674.93	11	3,287.41	11	2,899.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,107.99	1/4	4,772.52	1/4	4,420.22	1/4	4,050.99	1/4	3,666.85	1/4	3,279.34	1/4	2,891.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,101.10	1/2	4,765.38	1/2	4,412.68	1/2	4,043.12	1/2	3,658.78	1/2	3,271.26	1/2	2,883.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,094.21	3/4	4,758.24	3/4	4,405.14	3/4	4,035.25	3/4	3,650.71	3/4	3,263.19	3/4	2,875.63

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 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28052"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	2,479.93	0	2,092.31	0	1,704.68	0	1,317.06	0	929.89	0	557.31	0	169.88	0		0		0	
1/4	2,471.86	1/4	2,084.23	1/4	1,696.61	1/4	1,308.98	1/4	921.97	1/4	549.39	1/4	161.81	1/4	1/4		1/4	1/4	1/4
1/2	2,463.78	1/2	2,076.16	1/2	1,688.53	1/2	1,300.91	1/2	914.20	1/2	541.32	1/2	153.73	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,455.70	3/4	2,068.08	3/4	1,680.46	3/4	1,292.83	3/4	906.44	3/4	533.24	3/4	145.66	3/4	3/4	3/4	3/4	3/4	3/4
1	2,447.63	1	2,060.01	1	1,672.38	1	1,284.76	1	898.67	1	525.17	1	137.59	1		1		1	
1/4	2,439.55	1/4	2,051.93	1/4	1,664.31	1/4	1,276.68	1/4	890.90	1/4	517.09	1/4	129.51	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,431.48	1/2	2,043.85	1/2	1,656.23	1/2	1,268.61	1/2	883.15	1/2	509.02	1/2	121.44	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,423.40	3/4	2,035.78	3/4	1,648.15	3/4	1,260.53	3/4	875.40	3/4	500.94	3/4	113.36	3/4	3/4	3/4	3/4	3/4	3/4
2	2,415.33	2	2,027.70	2	1,640.08	2	1,252.46	2	867.65	2	492.87	2	105.29	2		2		2	
1/4	2,407.25	1/4	2,019.63	1/4	1,632.00	1/4	1,244.38	1/4	859.89	1/4	484.79	1/4	97.21	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,399.18	1/2	2,011.55	1/2	1,623.93	1/2	1,236.30	1/2	852.15	1/2	476.72	1/2	89.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,391.10	3/4	2,003.48	3/4	1,615.85	3/4	1,228.23	3/4	844.41	3/4	468.64	3/4	81.06	3/4	3/4	3/4	3/4	3/4	3/4
3	2,383.03	3	1,995.40	3	1,607.78	3	1,220.15	3	836.67	3	460.57	3	72.99	3		3		3	
1/4	2,374.95	1/4	1,987.33	1/4	1,599.70	1/4	1,212.08	1/4	828.92	1/4	452.50	1/4	64.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,366.87	1/2	1,979.25	1/2	1,591.63	1/2	1,204.00	1/2	821.18	1/2	444.42	1/2	57.85	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,358.80	3/4	1,971.17	3/4	1,583.55	3/4	1,195.93	3/4	813.44	3/4	436.35	3/4	50.78	3/4	3/4	3/4	3/4	3/4	3/4
4	2,350.72	4	1,963.10	4	1,575.48	4	1,187.85	4	805.70	4	428.27	4	43.71	4		4		4	
1/4	2,342.65	1/4	1,955.02	1/4	1,567.40	1/4	1,179.78	1/4	797.96	1/4	420.20	1/4	36.65	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,334.57	1/2	1,946.95	1/2	1,559.32	1/2	1,171.70	1/2	790.21	1/2	412.12	1/2	31.60	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,326.50	3/4	1,938.87	3/4	1,551.25	3/4	1,163.62	3/4	782.47	3/4	404.05	3/4	26.55	3/4	3/4	3/4	3/4	3/4	3/4
5	2,318.42	5	1,930.80	5	1,543.17	5	1,155.55	5	774.73	5	395.97	5	21.51	5		5		5	
1/4	2,310.35	1/4	1,922.72	1/4	1,535.10	1/4	1,147.47	1/4	766.99	1/4	387.90	1/4	16.46	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,302.27	1/2	1,914.65	1/2	1,527.02	1/2	1,139.40	1/2	759.25	1/2	379.82	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,294.19	3/4	1,906.57	3/4	1,518.95	3/4	1,131.32	3/4	751.50	3/4	371.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,286.12	6	1,898.50	6	1,510.87	6	1,123.25	6	743.76	6	363.67	6	6	6		6		6	
1/4	2,278.04	1/4	1,890.42	1/4	1,502.80	1/4	1,115.17	1/4	736.02	1/4	355.60	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,269.97	1/2	1,882.34	1/2	1,494.72	1/2	1,107.10	1/2	728.28	1/2	347.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,261.89	3/4	1,874.27	3/4	1,486.64	3/4	1,099.02	3/4	720.54	3/4	339.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	2,253.82	7	1,866.19	7	1,478.57	7	1,090.95	7	712.79	7	331.38	7	7	7		7		7	
1/4	2,245.74	1/4	1,858.12	1/4	1,470.49	1/4	1,082.87	1/4	705.05	1/4	323.30	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,237.67	1/2	1,850.04	1/2	1,462.42	1/2	1,074.79	1/2	697.31	1/2	315.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,229.59	3/4	1,841.97	3/4	1,454.34	3/4	1,066.72	3/4	689.57	3/4	307.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,221.52	8	1,833.89	8	1,446.27	8	1,058.64	8	681.83	8	299.08	8	8	8		8		8	
1/4	2,213.44	1/4	1,825.82	1/4	1,438.19	1/4	1,050.57	1/4	674.09	1/4	291.00	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,205.36	1/2	1,817.74	1/2	1,430.12	1/2	1,042.49	1/2	666.35	1/2	282.93	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,197.29	3/4	1,809.66	3/4	1,422.04	3/4	1,034.42	3/4	658.61	3/4	274.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,189.21	9	1,801.59	9	1,413.97	9	1,026.34	9	650.87	9	266.78	9	9	9		9		9	
1/4	2,181.14	1/4	1,793.51	1/4	1,405.89	1/4	1,018.27	1/4	643.13	1/4	258.70	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,173.06	1/2	1,785.44	1/2	1,397.81	1/2	1,010.19	1/2	635.38	1/2	250.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,164.99	3/4	1,777.36	3/4	1,389.74	3/4	1,002.11	3/4	627.63	3/4	242.56	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,156.91	10	1,769.29	10	1,381.66	10	994.04	10	619.88	10	234.48	10	10	10		10		10	
1/4	2,148.84	1/4	1,761.21	1/4	1,373.59	1/4	985.96	1/4	612.13	1/4	226.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,140.76	1/2	1,753.14	1/2	1,365.51	1/2	977.89	1/2	604.37	1/2	218.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,132.68	3/4	1,745.06	3/4	1,357.44	3/4	969.81	3/4	596.60	3/4	210.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,124.61	11	1,736.99	11	1,349.36	11	961.74	11	588.84	11	202.18	11	11	11		11		11	
1/4	2,116.53	1/4	1,728.91	1/4	1,341.29	1/4	953.66	1/4	581.08	1/4	194.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,108.46	1/2	1,720.83	1/2	1,333.21	1/2	945.74	1/2	573.15	1/2	186.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,100.38	3/4	1,712.76	3/4	1,325.13	3/4	937.82	3/4	565.23	3/4	177.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/20/2007 CL - SW
CALCULATED: 04/20/2007 CL
PRINTED: 04/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2007

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BARGE "KIRBY 28052"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,503.89	0	4,247.85	0	3,979.03	0	3,697.72	0	3,403.57	0	3,048.30	0	2,687.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,498.65	1/4	4,242.40	1/4	3,973.30	1/4	3,691.74	1/4	3,397.02	1/4	3,040.77	1/4	2,679.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,493.40	1/2	4,236.94	1/2	3,967.55	1/2	3,685.74	1/2	3,390.19	1/2	3,033.24	1/2	2,671.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,488.15	3/4	4,231.48	3/4	3,961.80	3/4	3,679.74	3/4	3,383.36	3/4	3,025.72	3/4	2,664.42
1		1		1		1	4,482.90	1	4,226.02	1	3,956.05	1	3,673.74	1	3,376.53	1	3,018.19	1	2,656.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,477.64	1/4	4,220.56	1/4	3,950.29	1/4	3,667.74	1/4	3,369.70	1/4	3,010.66	1/4	2,649.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,472.37	1/2	4,215.07	1/2	3,944.52	1/2	3,661.71	1/2	3,362.59	1/2	3,003.14	1/2	2,641.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,467.10	3/4	4,209.58	3/4	3,938.75	3/4	3,655.69	3/4	3,355.48	3/4	2,995.61	3/4	2,634.31
2		2		2		2	4,461.83	2	4,204.10	2	3,932.98	2	3,649.66	2	3,348.37	2	2,988.08	2	2,626.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,456.56	1/4	4,198.61	1/4	3,927.21	1/4	3,643.63	1/4	3,341.26	1/4	2,980.56	1/4	2,619.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,451.26	1/2	4,193.11	1/2	3,921.42	1/2	3,637.59	1/2	3,333.88	1/2	2,973.03	1/2	2,611.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,445.97	3/4	4,187.60	3/4	3,915.63	3/4	3,631.55	3/4	3,326.49	3/4	2,965.51	3/4	2,604.20
3		3		3		3	4,440.67	3	4,182.10	3	3,909.84	3	3,625.50	3	3,319.11	3	2,957.98	3	2,596.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,435.38	1/4	4,176.59	1/4	3,904.05	1/4	3,619.46	1/4	3,311.72	1/4	2,950.45	1/4	2,589.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,430.10	1/2	4,171.03	1/2	3,898.23	1/2	3,613.40	1/2	3,304.19	1/2	2,942.93	1/2	2,581.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,424.83	3/4	4,165.47	3/4	3,892.42	3/4	3,607.33	3/4	3,296.67	3/4	2,935.40	3/4	2,574.09
4		4		4		4	4,419.55	4	4,159.91	4	3,886.61	4	3,601.27	4	3,289.14	4	2,927.87	4	2,566.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,414.27	1/4	4,154.35	1/4	3,880.79	1/4	3,595.21	1/4	3,281.61	1/4	2,920.35	1/4	2,559.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,408.98	1/2	4,148.76	1/2	3,874.96	1/2	3,589.12	1/2	3,274.09	1/2	2,912.82	1/2	2,551.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,403.68	3/4	4,143.18	3/4	3,869.12	3/4	3,583.03	3/4	3,266.56	3/4	2,905.29	3/4	2,543.98
5		5		5		5	4,398.38	5	4,137.59	5	3,863.29	5	3,576.94	5	3,259.03	5	2,897.77	5	2,536.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,393.09	1/4	4,132.01	1/4	3,857.46	1/4	3,570.85	1/4	3,251.51	1/4	2,890.24	1/4	2,528.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,387.77	1/2	4,126.40	1/2	3,851.60	1/2	3,564.75	1/2	3,243.98	1/2	2,882.71	1/2	2,521.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,382.45	3/4	4,120.80	3/4	3,845.74	3/4	3,558.64	3/4	3,236.46	3/4	2,875.19	3/4	2,513.87
6		6		6		6	4,377.13	6	4,115.20	6	3,839.88	6	3,552.54	6	3,228.93	6	2,867.66	6	2,506.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,371.81	1/4	4,109.59	1/4	3,834.02	1/4	3,546.43	1/4	3,221.40	1/4	2,860.14	1/4	2,498.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,366.47	1/2	4,103.96	1/2	3,828.14	1/2	3,540.31	1/2	3,213.88	1/2	2,852.61	1/2	2,491.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,626.97	3/4	4,361.13	3/4	4,098.33	3/4	3,822.27	3/4	3,534.18	3/4	3,206.35	3/4	2,845.08
7		7		7		7	4,622.36	7	4,355.79	7	4,092.70	7	3,816.39	7	3,528.06	7	3,198.82	7	2,837.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,617.76	1/4	4,350.45	1/4	4,087.07	1/4	3,810.52	1/4	3,521.94	1/4	3,191.30	1/4	2,830.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,611.62	1/2	4,345.09	1/2	4,081.42	1/2	3,804.62	1/2	3,515.80	1/2	3,183.77	1/2	2,822.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,605.49	3/4	4,339.72	3/4	4,075.78	3/4	3,798.73	3/4	3,509.67	3/4	3,176.24	3/4	2,814.97
8		8		8		8	4,599.35	8	4,334.36	8	4,070.13	8	3,792.83	8	3,503.53	8	3,168.72	8	2,807.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,593.22	1/4	4,329.00	1/4	4,064.48	1/4	3,786.93	1/4	3,497.40	1/4	3,161.19	1/4	2,799.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,587.08	1/2	4,323.62	1/2	4,058.82	1/2	3,781.01	1/2	3,491.26	1/2	3,153.67	1/2	2,792.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,580.94	3/4	4,318.24	3/4	4,053.15	3/4	3,775.09	3/4	3,485.13	3/4	3,146.14	3/4	2,784.86
9		9		9		9	4,574.81	9	4,312.85	9	4,047.48	9	3,769.17	9	3,478.99	9	3,138.61	9	2,777.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,568.67	1/4	4,307.47	1/4	4,041.82	1/4	3,763.25	1/4	3,472.86	1/4	3,131.09	1/4	2,769.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,562.54	1/2	4,302.07	1/2	4,036.13	1/2	3,757.31	1/2	3,466.73	1/2	3,123.56	1/2	2,762.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,556.40	3/4	4,296.67	3/4	4,030.44	3/4	3,751.38	3/4	3,460.59	3/4	3,116.03	3/4	2,754.75
10		10		10		10	4,550.27	10	4,291.27	10	4,024.74	10	3,745.44	10	3,454.46	10	3,108.51	10	2,747.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,544.13	1/4	4,285.87	1/4	4,019.05	1/4	3,739.50	1/4	3,448.32	1/4	3,100.98	1/4	2,739.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,538.00	1/2	4,280.45	1/2	4,013.34	1/2	3,733.54	1/2	3,442.05	1/2	3,093.45	1/2	2,732.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,531.86	3/4	4,275.02	3/4	4,007.64	3/4	3,727.58	3/4	3,435.78	3/4	3,085.93	3/4	2,724.64
11		11		11		11	4,525.72	11	4,269.60	11	4,001.93	11	3,721.63	11	3,429.50	11	3,078.40	11	2,717.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,519.59	1/4	4,264.17	1/4	3,996.22	1/4	3,715.67	1/4	3,423.23	1/4	3,070.87	1/4	2,709.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,514.35	1/2	4,258.73	1/2	3,990.49	1/2	3,709.69	1/2	3,416.68	1/2	3,063.35	1/2	2,702.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,509.12	3/4	4,253.29	3/4	3,984.76	3/4	3,703.71	3/4	3,410.12	3/4	3,055.82	3/4	2,694.53

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 28052"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	2,325.67	0	1,964.34	0	1,603.01	0	1,241.69	0	881.13	0	519.84	0	158.52	0		0		0	
1/4	2,318.15	1/4	1,956.82	1/4	1,595.49	1/4	1,234.16	1/4	873.62	1/4	512.31	1/4	150.99	1/4		1/4		1/4	
1/2	2,310.62	1/2	1,949.29	1/2	1,587.96	1/2	1,226.63	1/2	866.10	1/2	504.78	1/2	143.47	1/2		1/2		1/2	
3/4	2,303.09	3/4	1,941.76	3/4	1,580.43	3/4	1,219.10	3/4	858.57	3/4	497.25	3/4	135.94	3/4		3/4		3/4	
1	2,295.56	1	1,934.23	1	1,572.90	1	1,211.57	1	851.04	1	489.73	1	128.41	1		1		1	
1/4	2,288.04	1/4	1,926.71	1/4	1,565.38	1/4	1,204.05	1/4	843.52	1/4	482.20	1/4	120.88	1/4		1/4		1/4	
1/2	2,280.51	1/2	1,919.18	1/2	1,557.85	1/2	1,196.52	1/2	835.99	1/2	474.67	1/2	113.36	1/2		1/2		1/2	
3/4	2,272.98	3/4	1,911.65	3/4	1,550.32	3/4	1,188.99	3/4	828.46	3/4	467.15	3/4	105.83	3/4		3/4		3/4	
2	2,265.45	2	1,904.12	2	1,542.79	2	1,181.46	2	820.93	2	459.62	2	98.30	2		2		2	
1/4	2,257.92	1/4	1,896.60	1/4	1,535.27	1/4	1,173.94	1/4	813.41	1/4	452.09	1/4	90.78	1/4		1/4		1/4	
1/2	2,250.40	1/2	1,889.07	1/2	1,527.74	1/2	1,166.41	1/2	805.88	1/2	444.56	1/2	83.25	1/2		1/2		1/2	
3/4	2,242.87	3/4	1,881.54	3/4	1,520.21	3/4	1,158.88	3/4	798.35	3/4	437.04	3/4	75.72	3/4		3/4		3/4	
3	2,235.34	3	1,874.01	3	1,512.68	3	1,151.35	3	790.82	3	429.51	3	68.19	3		3		3	
1/4	2,227.81	1/4	1,866.48	1/4	1,505.15	1/4	1,143.83	1/4	783.30	1/4	421.98	1/4	60.67	1/4		1/4		1/4	
1/2	2,220.29	1/2	1,858.96	1/2	1,497.63	1/2	1,136.30	1/2	775.77	1/2	414.45	1/2	54.08	1/2		1/2		1/2	
3/4	2,212.76	3/4	1,851.43	3/4	1,490.10	3/4	1,128.77	3/4	768.24	3/4	406.93	3/4	47.49	3/4		3/4		3/4	
4	2,205.23	4	1,843.90	4	1,482.57	4	1,121.24	4	760.71	4	399.40	4	40.90	4		4		4	
1/4	2,197.70	1/4	1,836.37	1/4	1,475.04	1/4	1,113.71	1/4	753.19	1/4	391.87	1/4	34.32	1/4		1/4		1/4	
1/2	2,190.18	1/2	1,828.85	1/2	1,467.52	1/2	1,106.21	1/2	745.66	1/2	384.34	1/2	29.61	1/2		1/2		1/2	
3/4	2,182.65	3/4	1,821.32	3/4	1,459.99	3/4	1,098.71	3/4	738.13	3/4	376.82	3/4	24.91	3/4		3/4		3/4	
5	2,175.12	5	1,813.79	5	1,452.46	5	1,091.21	5	730.60	5	369.29	5	20.20	5		5		5	
1/4	2,167.59	1/4	1,806.26	1/4	1,444.93	1/4	1,083.70	1/4	723.08	1/4	361.76	1/4	15.50	1/4		1/4		1/4	
1/2	2,160.06	1/2	1,798.74	1/2	1,437.41	1/2	1,076.20	1/2	715.55	1/2	354.23	1/2		1/2		1/2		1/2	
3/4	2,152.54	3/4	1,791.21	3/4	1,429.88	3/4	1,068.70	3/4	708.02	3/4	346.71	3/4		3/4		3/4		3/4	
6	2,145.01	6	1,783.68	6	1,422.35	6	1,061.19	6	700.49	6	339.18	6	6	6		6		6	
1/4	2,137.48	1/4	1,776.15	1/4	1,414.82	1/4	1,053.69	1/4	692.97	1/4	331.65	1/4		1/4		1/4		1/4	
1/2	2,129.95	1/2	1,768.62	1/2	1,407.29	1/2	1,046.19	1/2	685.44	1/2	324.12	1/2		1/2		1/2		1/2	
3/4	2,122.43	3/4	1,761.10	3/4	1,399.77	3/4	1,038.69	3/4	677.91	3/4	316.60	3/4		3/4		3/4		3/4	
7	2,114.90	7	1,753.57	7	1,392.24	7	1,031.18	7	670.39	7	309.07	7	7	7		7		7	
1/4	2,107.37	1/4	1,746.04	1/4	1,384.71	1/4	1,023.68	1/4	662.86	1/4	301.54	1/4		1/4		1/4		1/4	
1/2	2,099.84	1/2	1,738.51	1/2	1,377.18	1/2	1,016.18	1/2	655.33	1/2	294.02	1/2		1/2		1/2		1/2	
3/4	2,092.32	3/4	1,730.99	3/4	1,369.66	3/4	1,008.68	3/4	647.80	3/4	286.49	3/4		3/4		3/4		3/4	
8	2,084.79	8	1,723.46	8	1,362.13	8	1,001.17	8	640.28	8	278.96	8	8	8		8		8	
1/4	2,077.26	1/4	1,715.93	1/4	1,354.60	1/4	993.67	1/4	632.75	1/4	271.43	1/4		1/4		1/4		1/4	
1/2	2,069.73	1/2	1,708.40	1/2	1,347.07	1/2	986.17	1/2	625.22	1/2	263.91	1/2		1/2		1/2		1/2	
3/4	2,062.20	3/4	1,700.88	3/4	1,339.55	3/4	978.66	3/4	617.69	3/4	256.38	3/4		3/4		3/4		3/4	
9	2,054.68	9	1,693.35	9	1,332.02	9	971.16	9	610.17	9	248.85	9	9	9		9		9	
1/4	2,047.15	1/4	1,685.82	1/4	1,324.49	1/4	963.66	1/4	602.64	1/4	241.32	1/4		1/4		1/4		1/4	
1/2	2,039.62	1/2	1,678.29	1/2	1,316.96	1/2	956.16	1/2	595.11	1/2	233.80	1/2		1/2		1/2		1/2	
3/4	2,032.09	3/4	1,670.76	3/4	1,309.43	3/4	948.65	3/4	587.58	3/4	226.27	3/4		3/4		3/4		3/4	
10	2,024.57	10	1,663.24	10	1,301.91	10	941.15	10	580.06	10	218.74	10	10	10		10		10	
1/4	2,017.04	1/4	1,655.71	1/4	1,294.38	1/4	933.65	1/4	572.53	1/4	211.21	1/4		1/4		1/4		1/4	
1/2	2,009.51	1/2	1,648.18	1/2	1,286.85	1/2	926.14	1/2	565.00	1/2	203.69	1/2		1/2		1/2		1/2	
3/4	2,001.98	3/4	1,640.65	3/4	1,279.32	3/4	918.64	3/4	557.47	3/4	196.16	3/4		3/4		3/4		3/4	
11	1,994.46	11	1,633.13	11	1,271.80	11	911.14	11	549.95	11	188.63	11	11	11		11		11	
1/4	1,986.93	1/4	1,625.60	1/4	1,264.27	1/4	903.64	1/4	542.42	1/4	181.10	1/4		1/4		1/4		1/4	
1/2	1,979.40	1/2	1,618.07	1/2	1,256.74	1/2	896.13	1/2	534.89	1/2	173.58	1/2		1/2		1/2		1/2	
3/4	1,971.87	3/4	1,610.54	3/4	1,249.21	3/4	888.63	3/4	527.36	3/4	166.05	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/20/2007 CL - SW
CALCULATED: 04/20/2007 CL
PRINTED: 04/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2007

PRECISION MEASUREMENT
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BARGE "KIRBY 28052"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/2"

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	4,485.79	0	4,230.00	0	3,961.51	0	3,680.50	0	3,386.96	0	3,033.19	0	2,672.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,480.56	1/4	4,224.56	1/4	3,955.78	1/4	3,674.52	1/4	3,380.41	1/4	3,025.68	1/4	2,665.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,475.33	1/2	4,219.12	1/2	3,950.06	1/2	3,668.54	1/2	3,373.86	1/2	3,018.17	1/2	2,657.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,470.08	3/4	4,213.66	3/4	3,944.30	3/4	3,662.54	3/4	3,367.03	3/4	3,010.66	3/4	2,650.09
1		1		1		1	4,464.82	1	4,208.19	1	3,938.55	1	3,656.54	1	3,360.20	1	3,003.15	1	2,642.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,459.57	1/4	4,202.73	1/4	3,932.80	1/4	3,650.54	1/4	3,353.37	1/4	2,995.63	1/4	2,635.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,454.32	1/2	4,197.27	1/2	3,927.05	1/2	3,644.54	1/2	3,346.54	1/2	2,988.12	1/2	2,627.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,449.05	3/4	4,191.79	3/4	3,921.28	3/4	3,638.51	3/4	3,339.43	3/4	2,980.61	3/4	2,620.04
2		2		2		2	4,443.78	2	4,186.30	2	3,915.51	2	3,632.48	2	3,332.32	2	2,973.10	2	2,612.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,438.51	1/4	4,180.82	1/4	3,909.74	1/4	3,626.46	1/4	3,325.22	1/4	2,965.59	1/4	2,605.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,433.24	1/2	4,175.33	1/2	3,903.97	1/2	3,620.43	1/2	3,318.11	1/2	2,958.08	1/2	2,597.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,427.95	3/4	4,169.83	3/4	3,898.18	3/4	3,614.39	3/4	3,311.72	3/4	2,950.57	3/4	2,589.99
3		3		3		3	4,422.65	3	4,164.32	3	3,892.39	3	3,608.35	3	3,303.34	3	2,943.06	3	2,582.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,417.36	1/4	4,158.82	1/4	3,886.60	1/4	3,602.30	1/4	3,295.96	1/4	2,935.54	1/4	2,574.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,412.06	1/2	4,153.31	1/2	3,880.81	1/2	3,596.26	1/2	3,288.57	1/2	2,928.03	1/2	2,567.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,406.79	3/4	4,147.75	3/4	3,875.00	3/4	3,590.20	3/4	3,281.06	3/4	2,920.52	3/4	2,559.94
4		4		4		4	4,401.51	4	4,142.19	4	3,869.18	4	3,584.14	4	3,273.55	4	2,913.01	4	2,552.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,396.23	1/4	4,136.63	1/4	3,863.37	1/4	3,578.08	1/4	3,266.04	1/4	2,905.50	1/4	2,544.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,390.96	1/2	4,131.07	1/2	3,857.56	1/2	3,572.02	1/2	3,258.53	1/2	2,897.99	1/2	2,537.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,385.66	3/4	4,125.49	3/4	3,851.72	3/4	3,565.93	3/4	3,251.01	3/4	2,890.48	3/4	2,529.90
5		5		5		5	4,380.37	5	4,119.90	5	3,845.89	5	3,559.84	5	3,243.50	5	2,882.97	5	2,522.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,375.07	1/4	4,114.32	1/4	3,840.06	1/4	3,553.75	1/4	3,235.99	1/4	2,875.45	1/4	2,514.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,369.78	1/2	4,108.74	1/2	3,834.23	1/2	3,547.67	1/2	3,228.48	1/2	2,867.94	1/2	2,507.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,364.46	3/4	4,103.13	3/4	3,828.37	3/4	3,541.56	3/4	3,220.97	3/4	2,860.43	3/4	2,499.85
6		6		6		6	4,359.14	6	4,097.53	6	3,822.51	6	3,535.46	6	3,213.46	6	2,852.92	6	2,492.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,353.82	1/4	4,091.93	1/4	3,816.65	1/4	3,529.35	1/4	3,205.95	1/4	2,845.41	1/4	2,484.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,348.50	1/2	4,086.32	1/2	3,810.79	1/2	3,523.25	1/2	3,198.44	1/2	2,837.90	1/2	2,477.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,343.16	3/4	4,080.69	3/4	3,804.92	3/4	3,517.12	3/4	3,190.93	3/4	2,830.39	3/4	2,469.80
7		7		7	4,603.62	7	4,337.82	7	4,075.06	7	3,799.04	7	3,511.00	7	3,183.41	7	2,822.88	7	2,462.29
1/4	1/4	1/4	1/4	1/4	4,599.02	1/4	4,332.49	1/4	4,069.44	1/4	3,793.17	1/4	3,504.88	1/4	3,175.90	1/4	2,815.37	1/4	2,454.78
1/2	1/2	1/2	1/2	1/2	4,594.42	1/2	4,327.15	1/2	4,063.81	1/2	3,787.29	1/2	3,498.75	1/2	3,168.39	1/2	2,807.85	1/2	2,447.27
3/4	3/4	3/4	3/4	3/4	4,588.28	3/4	4,321.79	3/4	4,058.16	3/4	3,781.40	3/4	3,492.62	3/4	3,160.88	3/4	2,800.34	3/4	2,439.76
8		8		8	4,582.15	8	4,316.42	8	4,052.51	8	3,775.50	8	3,486.49	8	3,153.37	8	2,792.83	8	2,432.26
1/4	1/4	1/4	1/4	1/4	4,576.01	1/4	4,311.06	1/4	4,046.87	1/4	3,769.61	1/4	3,480.35	1/4	3,145.86	1/4	2,785.32	1/4	2,424.75
1/2	1/2	1/2	1/2	1/2	4,569.88	1/2	4,305.70	1/2	4,041.22	1/2	3,763.71	1/2	3,474.22	1/2	3,138.35	1/2	2,777.80	1/2	2,417.24
3/4	3/4	3/4	3/4	3/4	4,563.74	3/4	4,300.32	3/4	4,035.56	3/4	3,757.79	3/4	3,468.09	3/4	3,130.84	3/4	2,770.29	3/4	2,409.73
9		9		9	4,557.61	9	4,294.94	9	4,029.89	9	3,751.87	9	3,461.95	9	3,123.32	9	2,762.78	9	2,402.22
1/4	1/4	1/4	1/4	1/4	4,551.47	1/4	4,289.56	1/4	4,024.23	1/4	3,745.95	1/4	3,455.82	1/4	3,115.81	1/4	2,755.27	1/4	2,394.71
1/2	1/2	1/2	1/2	1/2	4,545.34	1/2	4,284.18	1/2	4,018.56	1/2	3,740.04	1/2	3,449.69	1/2	3,108.30	1/2	2,747.75	1/2	2,387.20
3/4	3/4	3/4	3/4	3/4	4,539.20	3/4	4,278.78	3/4	4,012.87	3/4	3,734.10	3/4	3,443.55	3/4	3,100.79	3/4	2,740.24	3/4	2,379.69
10		10		10	4,533.07	10	4,273.38	10	4,007.18	10	3,728.16	10	3,437.42	10	3,093.28	10	2,732.73	10	2,372.19
1/4	1/4	1/4	1/4	1/4	4,526.93	1/4	4,267.98	1/4	4,001.49	1/4	3,722.22	1/4	3,431.29	1/4	3,085.77	1/4	2,725.22	1/4	2,364.68
1/2	1/2	1/2	1/2	1/2	4,520.80	1/2	4,262.58	1/2	3,995.80	1/2	3,716.29	1/2	3,425.15	1/2	3,078.26	1/2	2,717.71	1/2	2,357.17
3/4	3/4	3/4	3/4	3/4	4,514.66	3/4	4,257.16	3/4	3,990.09	3/4	3,710.33	3/4	3,418.88	3/4	3,070.75	3/4	2,710.19	3/4	2,349.66
11		11		11	4,508.53	11	4,251.73	11	3,984.38	11	3,704.37	11	3,412.61	11	3,063.23	11	2,702.68	11	2,342.15
1/4	1/4	1/4	1/4	1/4	4,502.40	1/4	4,246.31	1/4	3,978.67	1/4	3,698.42	1/4	3,406.33	1/4	3,055.72	1/4	2,695.17	1/4	2,334.64
1/2	1/2	1/2	1/2	1/2	4,496.26	1/2	4,240.88	1/2	3,972.97	1/2	3,692.46	1/2	3,400.06	1/2	3,048.21	1/2	2,687.66	1/2	2,327.13
3/4	3/4	3/4	3/4	3/4	4,491.03	3/4	4,235.44	3/4	3,967.24	3/4	3,686.48	3/4	3,393.51	3/4	3,040.70	3/4	2,680.14	3/4	2,319.62

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

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BARGE "KIRBY 28052"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	2,312.11	0	1,952.67	0	1,594.01	0	1,233.37	0	879.22	0	526.22	0	166.02	0		0		0	
1/4	2,304.61	1/4	1,945.22	1/4	1,586.49	1/4	1,225.85	1/4	871.85	1/4	518.85	1/4	158.49	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,297.10	1/2	1,937.77	1/2	1,578.98	1/2	1,218.34	1/2	864.48	1/2	511.47	1/2	150.96	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,289.58	3/4	1,930.33	3/4	1,571.47	3/4	1,210.96	3/4	857.10	3/4	504.02	3/4	143.44	3/4	3/4	3/4	3/4	3/4	3/4
1	2,282.07	1	1,922.88	1	1,563.95	1	1,203.59	1	849.72	1	496.58	1	135.91	1		1		1	
1/4	2,274.56	1/4	1,915.43	1/4	1,556.44	1/4	1,196.21	1/4	842.35	1/4	489.13	1/4	128.39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,267.04	1/2	1,907.98	1/2	1,548.93	1/2	1,188.83	1/2	834.97	1/2	481.69	1/2	120.86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,259.53	3/4	1,900.54	3/4	1,541.41	3/4	1,181.46	3/4	827.60	3/4	474.17	3/4	113.33	3/4	3/4	3/4	3/4	3/4	3/4
2	2,252.02	2	1,893.09	2	1,533.90	2	1,174.08	2	820.23	2	466.66	2	105.81	2		2		2	
1/4	2,244.50	1/4	1,885.64	1/4	1,526.39	1/4	1,166.70	1/4	812.85	1/4	459.14	1/4	98.28	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,236.99	1/2	1,878.19	1/2	1,518.87	1/2	1,159.33	1/2	805.48	1/2	451.63	1/2	90.76	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,229.48	3/4	1,870.75	3/4	1,511.36	3/4	1,151.95	3/4	798.12	3/4	444.11	3/4	83.23	3/4	3/4	3/4	3/4	3/4	3/4
3	2,221.96	3	1,863.30	3	1,503.85	3	1,144.57	3	790.77	3	436.60	3	75.70	3		3		3	
1/4	2,214.45	1/4	1,855.85	1/4	1,496.33	1/4	1,137.20	1/4	783.41	1/4	429.09	1/4	68.18	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,206.94	1/2	1,848.40	1/2	1,488.82	1/2	1,129.82	1/2	776.05	1/2	421.57	1/2	60.65	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,199.42	3/4	1,840.96	3/4	1,481.31	3/4	1,122.44	3/4	768.71	3/4	414.06	3/4	54.07	3/4	3/4	3/4	3/4	3/4	3/4
4	2,191.91	4	1,833.51	4	1,473.79	4	1,115.07	4	761.37	4	406.54	4	47.48	4		4		4	
1/4	2,184.40	1/4	1,826.06	1/4	1,466.28	1/4	1,107.69	1/4	754.02	1/4	399.03	1/4	40.89	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,176.88	1/2	1,818.61	1/2	1,458.77	1/2	1,100.31	1/2	746.68	1/2	391.51	1/2	34.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,169.37	3/4	1,811.17	3/4	1,451.25	3/4	1,092.94	3/4	739.34	3/4	384.00	3/4	29.60	3/4	3/4	3/4	3/4	3/4	3/4
5	2,161.86	5	1,803.72	5	1,443.74	5	1,085.57	5	731.99	5	376.49	5	24.90	5		5		5	
1/4	2,154.34	1/4	1,796.27	1/4	1,436.23	1/4	1,078.20	1/4	724.65	1/4	368.97	1/4	20.20	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,146.83	1/2	1,788.82	1/2	1,428.71	1/2	1,070.83	1/2	717.30	1/2	361.46	1/2	15.49	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,139.32	3/4	1,781.38	3/4	1,421.20	3/4	1,063.46	3/4	709.96	3/4	353.94	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,131.80	6	1,773.93	6	1,413.69	6	1,056.09	6	702.61	6	346.43	6		6		6		6	
1/4	2,124.29	1/4	1,766.48	1/4	1,406.17	1/4	1,048.72	1/4	695.27	1/4	338.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,116.78	1/2	1,759.03	1/2	1,398.66	1/2	1,041.35	1/2	687.92	1/2	331.40	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,109.26	3/4	1,751.59	3/4	1,391.15	3/4	1,033.98	3/4	680.58	3/4	323.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	2,101.75	7	1,744.14	7	1,383.63	7	1,026.61	7	673.23	7	316.37	7		7		7		7	
1/4	2,094.24	1/4	1,736.69	1/4	1,376.12	1/4	1,019.24	1/4	665.89	1/4	308.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,086.72	1/2	1,729.24	1/2	1,368.61	1/2	1,011.87	1/2	658.54	1/2	301.34	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,079.28	3/4	1,721.73	3/4	1,361.09	3/4	1,004.50	3/4	651.20	3/4	293.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,071.83	8	1,714.22	8	1,353.58	8	997.13	8	643.85	8	286.31	8		8		8		8	
1/4	2,064.38	1/4	1,706.71	1/4	1,346.07	1/4	989.76	1/4	636.51	1/4	278.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,056.93	1/2	1,699.19	1/2	1,338.55	1/2	982.39	1/2	629.16	1/2	271.29	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,049.49	3/4	1,691.68	3/4	1,331.04	3/4	975.02	3/4	621.82	3/4	263.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,042.04	9	1,684.17	9	1,323.53	9	967.66	9	614.47	9	256.26	9		9		9		9	
1/4	2,034.59	1/4	1,676.65	1/4	1,316.01	1/4	960.29	1/4	607.13	1/4	248.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,027.14	1/2	1,669.14	1/2	1,308.50	1/2	952.92	1/2	599.78	1/2	241.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,019.70	3/4	1,661.63	3/4	1,300.99	3/4	945.55	3/4	592.44	3/4	233.71	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,012.25	10	1,654.11	10	1,293.47	10	938.18	10	585.09	10	226.20	10		10		10		10	
1/4	2,004.80	1/4	1,646.60	1/4	1,285.96	1/4	930.81	1/4	577.75	1/4	218.69	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,997.35	1/2	1,639.09	1/2	1,278.45	1/2	923.44	1/2	570.40	1/2	211.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,989.91	3/4	1,631.57	3/4	1,270.93	3/4	916.07	3/4	563.04	3/4	203.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,982.46	11	1,624.06	11	1,263.42	11	908.70	11	555.68	11	196.12	11		11		11		11	
1/4	1,975.01	1/4	1,616.55	1/4	1,255.91	1/4	901.33	1/4	548.33	1/4	188.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,967.56	1/2	1,609.03	1/2	1,248.39	1/2	893.96	1/2	540.97	1/2	181.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,960.12	3/4	1,601.52	3/4	1,240.88	3/4	886.59	3/4	533.59	3/4	173.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/20/2007 CL - SW
CALCULATED: 04/20/2007 CL
PRINTED: 04/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2007

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