



BARGE "KIRBY 28076"

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

(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 - 00-7/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/8"

LENGTH BETWEEN DRAFT MARKS: 241'-03"

June 18, 2006

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

<http://www.pmacorp.net>



BARGE "KIRBY 28076"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	0	0	4,518.37	0	4,186.80	0	3,831.36	0	3,465.53	0	3,099.68	0	2,733.83		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,511.69	1/4	4,179.59	1/4	3,823.74	1/4	3,457.90	1/4	3,092.06	1/4	2,726.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,830.02	1/2	4,505.01	1/2	4,172.39	1/2	3,816.12	1/2	3,450.28	1/2	3,084.44	1/2	2,718.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,824.39	3/4	4,498.33	3/4	4,165.18	3/4	3,808.50	3/4	3,442.66	3/4	3,076.81	3/4	2,710.97
1	1	1	1	1	1	1	1	4,818.76	1	4,491.65	1	4,157.97	1	3,800.89	1	3,435.04	1	3,069.19	1	2,703.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,811.94	1/4	4,484.94	1/4	4,150.73	1/4	3,793.26	1/4	3,427.42	1/4	3,061.57	1/4	2,695.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,805.12	1/2	4,478.23	1/2	4,143.49	1/2	3,785.64	1/2	3,419.80	1/2	3,053.95	1/2	2,688.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,798.29	3/4	4,471.51	3/4	4,136.24	3/4	3,778.02	3/4	3,412.17	3/4	3,046.33	3/4	2,680.48
2	2	2	2	2	2	2	2	4,791.47	2	4,464.80	2	4,129.00	2	3,770.40	2	3,404.55	2	3,038.71	2	2,672.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,784.01	1/4	4,458.05	1/4	4,121.72	1/4	3,762.78	1/4	3,396.93	1/4	3,031.08	1/4	2,665.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,776.56	1/2	4,451.30	1/2	4,114.44	1/2	3,755.15	1/2	3,389.31	1/2	3,023.46	1/2	2,657.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,769.10	3/4	4,444.55	3/4	4,107.16	3/4	3,747.53	3/4	3,381.69	3/4	3,015.84	3/4	2,649.99
3	3	3	3	3	3	3	3	4,761.64	3	4,437.81	3	4,099.88	3	3,739.91	3	3,374.06	3	3,008.22	3	2,642.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,754.10	1/4	4,431.02	1/4	4,092.56	1/4	3,732.29	1/4	3,366.44	1/4	3,000.60	1/4	2,634.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,746.57	1/2	4,424.24	1/2	4,085.25	1/2	3,724.67	1/2	3,358.82	1/2	2,992.97	1/2	2,627.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,739.03	3/4	4,417.45	3/4	4,077.93	3/4	3,717.05	3/4	3,351.20	3/4	2,985.35	3/4	2,619.51
4	4	4	4	4	4	4	4	4,731.49	4	4,410.66	4	4,070.61	4	3,709.42	4	3,343.58	4	2,977.73	4	2,611.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,724.23	1/4	4,403.84	1/4	4,063.27	1/4	3,701.80	1/4	3,335.96	1/4	2,970.11	1/4	2,604.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,716.98	1/2	4,397.02	1/2	4,055.92	1/2	3,694.18	1/2	3,328.33	1/2	2,962.49	1/2	2,596.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,709.72	3/4	4,390.20	3/4	4,048.57	3/4	3,686.56	3/4	3,320.71	3/4	2,954.87	3/4	2,589.02
5	5	5	5	5	5	5	5	4,702.46	5	4,383.37	5	4,041.22	5	3,678.94	5	3,313.09	5	2,947.24	5	2,581.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,695.75	1/4	4,376.51	1/4	4,033.84	1/4	3,671.31	1/4	3,305.47	1/4	2,939.62	1/4	2,573.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,689.04	1/2	4,369.65	1/2	4,026.45	1/2	3,663.69	1/2	3,297.85	1/2	2,932.00	1/2	2,566.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,682.33	3/4	4,362.79	3/4	4,019.07	3/4	3,656.07	3/4	3,290.22	3/4	2,924.38	3/4	2,558.53
6	6	6	6	6	6	6	6	4,675.62	6	4,355.93	6	4,011.68	6	3,648.45	6	3,282.60	6	2,916.76	6	2,550.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,669.16	1/4	4,349.04	1/4	4,004.26	1/4	3,640.83	1/4	3,274.98	1/4	2,909.13	1/4	2,543.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,662.70	1/2	4,342.14	1/2	3,996.84	1/2	3,633.21	1/2	3,267.36	1/2	2,901.51	1/2	2,535.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,656.25	3/4	4,335.24	3/4	3,989.42	3/4	3,625.58	3/4	3,259.74	3/4	2,893.89	3/4	2,528.04
7	7	7	7	7	7	7	7	4,649.79	7	4,328.34	7	3,982.00	7	3,617.96	7	3,252.12	7	2,886.27	7	2,520.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,643.29	1/4	4,321.39	1/4	3,974.54	1/4	3,610.34	1/4	3,244.49	1/4	2,878.65	1/4	2,512.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,636.79	1/2	4,314.43	1/2	3,967.08	1/2	3,602.72	1/2	3,236.87	1/2	2,871.03	1/2	2,505.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,630.30	3/4	4,307.47	3/4	3,959.63	3/4	3,595.10	3/4	3,229.25	3/4	2,863.40	3/4	2,497.56
8	8	8	8	8	8	8	8	4,623.80	8	4,300.52	8	3,952.17	8	3,587.47	8	3,221.63	8	2,855.78	8	2,489.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,617.27	1/4	4,293.48	1/4	3,944.67	1/4	3,579.85	1/4	3,214.01	1/4	2,848.16	1/4	2,482.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,610.74	1/2	4,286.45	1/2	3,937.18	1/2	3,572.23	1/2	3,206.38	1/2	2,840.54	1/2	2,474.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,604.20	3/4	4,279.41	3/4	3,929.68	3/4	3,564.61	3/4	3,198.76	3/4	2,832.92	3/4	2,467.07
9	9	9	9	9	9	9	9	4,597.67	9	4,272.38	9	3,922.18	9	3,556.99	9	3,191.14	9	2,825.29	9	2,459.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,591.10	1/4	4,265.28	1/4	3,914.65	1/4	3,549.37	1/4	3,183.52	1/4	2,817.67	1/4	2,451.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,584.53	1/2	4,258.19	1/2	3,907.12	1/2	3,541.74	1/2	3,175.90	1/2	2,810.05	1/2	2,444.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,577.96	3/4	4,251.09	3/4	3,899.59	3/4	3,534.12	3/4	3,168.28	3/4	2,802.43	3/4	2,436.58
10	10	10	10	10	10	10	10	4,571.39	10	4,244.00	10	3,892.05	10	3,526.50	10	3,160.65	10	2,794.81	10	2,428.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,564.78	1/4	4,236.87	1/4	3,884.48	1/4	3,518.88	1/4	3,153.03	1/4	2,787.19	1/4	2,421.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,558.17	1/2	4,229.74	1/2	3,876.91	1/2	3,511.26	1/2	3,145.41	1/2	2,779.56	1/2	2,413.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,551.56	3/4	4,222.61	3/4	3,869.34	3/4	3,503.63	3/4	3,137.79	3/4	2,771.94	3/4	2,406.10
11	11	11	11	11	11	11	11	4,544.96	11	4,215.47	11	3,861.77	11	3,496.01	11	3,130.17	11	2,764.32	11	2,398.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,538.31	1/4	4,208.31	1/4	3,854.17	1/4	3,488.39	1/4	3,122.54	1/4	2,756.70	1/4	2,390.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,531.66	1/2	4,201.14	1/2	3,846.57	1/2	3,480.77	1/2	3,114.92	1/2	2,749.08	1/2	2,383.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,525.02	3/4	4,193.97	3/4	3,838.96	3/4	3,473.15	3/4	3,107.30	3/4	2,741.46	3/4	2,375.61

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 53'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28076"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08"

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	2,367.99	0	2,002.14	0	1,636.28	0	1,271.08	0	907.27	0	541.84	0	194.67	0		0		0	
1/4	2,360.37	1/4	1,994.52	1/4	1,628.66	1/4	1,263.45	1/4	899.70	1/4	534.21	1/4	187.98	1/4		1/4		1/4	
1/2	2,352.74	1/2	1,986.90	1/2	1,621.04	1/2	1,255.83	1/2	892.14	1/2	526.59	1/2	181.29	1/2		1/2		1/2	
3/4	2,345.12	3/4	1,979.28	3/4	1,613.42	3/4	1,248.21	3/4	884.57	3/4	518.97	3/4	174.60	3/4		3/4		3/4	
1	2,337.50	1	1,971.66	1	1,605.80	1	1,240.59	1	877.00	1	511.35	1	167.91	1		1		1	
1/4	2,329.88	1/4	1,964.03	1/4	1,598.17	1/4	1,232.96	1/4	869.42	1/4	503.74	1/4	161.31	1/4		1/4		1/4	
1/2	2,322.26	1/2	1,956.41	1/2	1,590.55	1/2	1,225.34	1/2	861.84	1/2	496.14	1/2	154.70	1/2		1/2		1/2	
3/4	2,314.63	3/4	1,948.79	3/4	1,582.93	3/4	1,217.72	3/4	854.26	3/4	488.54	3/4	148.10	3/4		3/4		3/4	
2	2,307.01	2	1,941.17	2	1,575.31	2	1,210.09	2	846.68	2	480.94	2	141.50	2		2		2	
1/4	2,299.39	1/4	1,933.55	1/4	1,567.68	1/4	1,202.49	1/4	839.07	1/4	473.40	1/4	134.98	1/4		1/4		1/4	
1/2	2,291.77	1/2	1,925.92	1/2	1,560.06	1/2	1,194.88	1/2	831.46	1/2	465.86	1/2	128.47	1/2		1/2		1/2	
3/4	2,284.15	3/4	1,918.30	3/4	1,552.44	3/4	1,187.27	3/4	823.86	3/4	458.33	3/4	121.96	3/4		3/4		3/4	
3	2,276.53	3	1,910.68	3	1,544.82	3	1,179.66	3	816.25	3	450.79	3	115.45	3		3		3	
1/4	2,268.90	1/4	1,903.06	1/4	1,537.20	1/4	1,172.08	1/4	808.63	1/4	443.33	1/4	109.04	1/4		1/4		1/4	
1/2	2,261.28	1/2	1,895.44	1/2	1,529.57	1/2	1,164.50	1/2	801.00	1/2	435.88	1/2	102.62	1/2		1/2		1/2	
3/4	2,253.66	3/4	1,887.81	3/4	1,521.95	3/4	1,156.92	3/4	793.38	3/4	428.43	3/4	96.21	3/4		3/4		3/4	
4	2,246.04	4	1,880.19	4	1,514.33	4	1,149.34	4	785.76	4	420.97	4	89.79	4		4		4	
1/4	2,238.42	1/4	1,872.57	1/4	1,506.71	1/4	1,141.77	1/4	778.14	1/4	413.61	1/4	83.48	1/4		1/4		1/4	
1/2	2,230.79	1/2	1,864.95	1/2	1,499.09	1/2	1,134.20	1/2	770.51	1/2	406.24	1/2	77.17	1/2		1/2		1/2	
3/4	2,223.17	3/4	1,857.32	3/4	1,491.46	3/4	1,126.64	3/4	762.89	3/4	398.87	3/4	70.86	3/4		3/4		3/4	
5	2,215.55	5	1,849.70	5	1,483.84	5	1,119.07	5	755.27	5	391.50	5	64.55	5		5		5	
1/4	2,207.93	1/4	1,842.08	1/4	1,476.23	1/4	1,111.51	1/4	747.65	1/4	384.22	1/4	58.36	1/4		1/4		1/4	
1/2	2,200.31	1/2	1,834.46	1/2	1,468.62	1/2	1,103.94	1/2	740.02	1/2	376.93	1/2	52.17	1/2		1/2		1/2	
3/4	2,192.69	3/4	1,826.84	3/4	1,461.02	3/4	1,096.38	3/4	732.40	3/4	369.65	3/4	45.98	3/4		3/4		3/4	
6	2,185.06	6	1,819.21	6	1,453.41	6	1,088.81	6	724.78	6	362.36	6	39.79	6		6		6	
1/4	2,177.44	1/4	1,811.59	1/4	1,445.81	1/4	1,081.25	1/4	717.16	1/4	355.17	1/4	34.29	1/4		1/4		1/4	
1/2	2,169.82	1/2	1,803.97	1/2	1,438.22	1/2	1,073.68	1/2	709.53	1/2	347.97	1/2	28.79	1/2		1/2		1/2	
3/4	2,162.20	3/4	1,796.35	3/4	1,430.62	3/4	1,066.12	3/4	701.91	3/4	340.77	3/4	23.30	3/4		3/4		3/4	
7	2,154.58	7	1,788.73	7	1,423.03	7	1,058.56	7	694.29	7	333.57	7	17.80	7		7		7	
1/4	2,146.95	1/4	1,781.10	1/4	1,415.44	1/4	1,050.99	1/4	686.67	1/4	326.45	1/4	14.25	1/4		1/4		1/4	
1/2	2,139.33	1/2	1,773.48	1/2	1,407.84	1/2	1,043.43	1/2	679.04	1/2	319.34	1/2	10.69	1/2		1/2		1/2	
3/4	2,131.71	3/4	1,765.86	3/4	1,400.25	3/4	1,035.86	3/4	671.42	3/4	312.22	3/4	7.14	3/4		3/4		3/4	
8	2,124.09	8	1,758.24	8	1,392.65	8	1,028.30	8	663.80	8	305.11	8	3.58	8		8		8	
1/4	2,116.47	1/4	1,750.62	1/4	1,385.06	1/4	1,020.73	1/4	656.18	1/4	298.08	1/4		1/4		1/4		1/4	
1/2	2,108.85	1/2	1,742.99	1/2	1,377.46	1/2	1,013.17	1/2	648.56	1/2	291.05	1/2		1/2		1/2		1/2	
3/4	2,101.22	3/4	1,735.37	3/4	1,369.87	3/4	1,005.61	3/4	640.93	3/4	284.02	3/4		3/4		3/4		3/4	
9	2,093.60	9	1,727.75	9	1,362.27	9	998.04	9	633.31	9	276.99	9		9		9		9	
1/4	2,085.98	1/4	1,720.13	1/4	1,354.68	1/4	990.48	1/4	625.69	1/4	270.05	1/4		1/4		1/4		1/4	
1/2	2,078.36	1/2	1,712.50	1/2	1,347.08	1/2	982.91	1/2	618.07	1/2	263.10	1/2		1/2		1/2		1/2	
3/4	2,070.74	3/4	1,704.88	3/4	1,339.49	3/4	975.35	3/4	610.44	3/4	256.16	3/4		3/4		3/4		3/4	
10	2,063.11	10	1,697.26	10	1,331.89	10	967.78	10	602.82	10	249.21	10		10		10		10	
1/4	2,055.49	1/4	1,689.64	1/4	1,324.30	1/4	960.22	1/4	595.20	1/4	242.35	1/4		1/4		1/4		1/4	
1/2	2,047.87	1/2	1,682.02	1/2	1,316.70	1/2	952.65	1/2	587.57	1/2	235.49	1/2		1/2		1/2		1/2	
3/4	2,040.25	3/4	1,674.39	3/4	1,309.11	3/4	945.09	3/4	579.95	3/4	228.63	3/4		3/4		3/4		3/4	
11	2,032.63	11	1,666.77	11	1,301.51	11	937.53	11	572.33	11	221.77	11		11		11		11	
1/4	2,025.01	1/4	1,659.15	1/4	1,293.90	1/4	929.96	1/4	564.71	1/4	215.00	1/4		1/4		1/4		1/4	
1/2	2,017.38	1/2	1,651.53	1/2	1,286.29	1/2	922.40	1/2	557.08	1/2	208.22	1/2		1/2		1/2		1/2	
3/4	2,009.76	3/4	1,643.91	3/4	1,278.69	3/4	914.83	3/4	549.46	3/4	201.45	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2006 CL - SW
CALCULATED: 06/18/2006 CL
PRINTED: 06/18/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

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



BARGE "KIRBY 28076"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	4,822.43	0	4,501.85	0	4,168.55	0	3,811.70	0	3,445.68	0	3,079.66	0	2,713.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,822.43	1/4	4,495.17	1/4	4,161.34	1/4	3,804.07	1/4	3,438.05	1/4	3,072.03	1/4	2,706.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,815.60	1/2	4,488.45	1/2	4,154.09	1/2	3,796.45	1/2	3,430.43	1/2	3,064.41	1/2	2,698.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,808.78	3/4	4,481.74	3/4	4,146.84	3/4	3,788.82	3/4	3,422.80	3/4	3,056.78	3/4	2,690.76
1	1	1	1	1	1	1	4,801.95	1	4,475.02	1	4,139.60	1	3,781.20	1	3,415.18	1	3,049.16	1	2,683.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,795.13	1/4	4,468.30	1/4	4,132.35	1/4	3,773.57	1/4	3,407.55	1/4	3,041.53	1/4	2,675.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,787.66	1/2	4,461.55	1/2	4,125.06	1/2	3,765.95	1/2	3,399.93	1/2	3,033.91	1/2	2,667.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,780.20	3/4	4,454.80	3/4	4,117.78	3/4	3,758.32	3/4	3,392.30	3/4	3,026.28	3/4	2,660.26
2	2	2	2	2	2	2	4,772.74	2	4,448.05	2	4,110.50	2	3,750.69	2	3,384.68	2	3,018.66	2	2,652.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,765.28	1/4	4,441.30	1/4	4,103.21	1/4	3,743.07	1/4	3,377.05	1/4	3,011.03	1/4	2,645.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,757.74	1/2	4,434.51	1/2	4,095.89	1/2	3,735.44	1/2	3,369.42	1/2	3,003.41	1/2	2,637.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,750.20	3/4	4,427.72	3/4	4,088.57	3/4	3,727.82	3/4	3,361.80	3/4	2,995.78	3/4	2,629.76
3	3	3	3	3	3	3	4,742.66	3	4,420.93	3	4,081.25	3	3,720.19	3	3,354.17	3	2,988.15	3	2,622.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,735.12	1/4	4,414.14	1/4	4,073.93	1/4	3,712.57	1/4	3,346.55	1/4	2,980.53	1/4	2,614.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,727.66	1/2	4,407.32	1/2	4,066.58	1/2	3,704.94	1/2	3,338.92	1/2	2,972.90	1/2	2,606.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,720.60	3/4	4,400.49	3/4	4,059.23	3/4	3,697.32	3/4	3,331.30	3/4	2,965.28	3/4	2,599.26
4	4	4	4	4	4	4	4,713.33	4	4,393.67	4	4,051.88	4	3,689.69	4	3,323.67	4	2,957.65	4	2,591.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,706.07	1/4	4,386.84	1/4	4,044.53	1/4	3,682.07	1/4	3,316.05	1/4	2,950.03	1/4	2,584.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,699.36	1/2	4,379.98	1/2	4,037.14	1/2	3,674.44	1/2	3,308.42	1/2	2,942.40	1/2	2,576.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,692.65	3/4	4,373.11	3/4	4,029.75	3/4	3,666.82	3/4	3,300.80	3/4	2,934.78	3/4	2,568.76
5	5	5	5	5	5	5	4,685.93	5	4,366.25	5	4,022.36	5	3,659.19	5	3,293.17	5	2,927.15	5	2,561.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,679.22	1/4	4,359.39	1/4	4,014.98	1/4	3,651.56	1/4	3,285.55	1/4	2,919.53	1/4	2,553.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,672.76	1/2	4,352.49	1/2	4,007.55	1/2	3,643.94	1/2	3,277.92	1/2	2,911.90	1/2	2,545.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,666.30	3/4	4,345.59	3/4	4,000.13	3/4	3,636.31	3/4	3,270.29	3/4	2,904.28	3/4	2,538.26
6	6	6	6	6	6	6	4,659.84	6	4,338.68	6	3,992.70	6	3,628.69	6	3,262.67	6	2,896.65	6	2,530.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,653.38	1/4	4,331.78	1/4	3,985.28	1/4	3,621.06	1/4	3,255.04	1/4	2,889.02	1/4	2,523.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,646.88	1/2	4,324.82	1/2	3,977.82	1/2	3,613.44	1/2	3,247.42	1/2	2,881.40	1/2	2,515.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,640.38	3/4	4,317.87	3/4	3,970.36	3/4	3,605.81	3/4	3,239.79	3/4	2,873.77	3/4	2,507.75
7	7	7	7	7	7	7	4,633.88	7	4,310.91	7	3,962.89	7	3,598.19	7	3,232.17	7	2,866.15	7	2,500.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,627.38	1/4	4,303.95	1/4	3,955.43	1/4	3,590.56	1/4	3,224.54	1/4	2,858.52	1/4	2,492.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,620.84	1/2	4,296.91	1/2	3,947.93	1/2	3,582.94	1/2	3,216.92	1/2	2,850.90	1/2	2,484.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,614.31	3/4	4,289.87	3/4	3,940.43	3/4	3,575.31	3/4	3,209.29	3/4	2,843.27	3/4	2,477.25
8	8	8	8	8	8	8	4,607.77	8	4,282.83	8	3,932.93	8	3,567.68	8	3,201.67	8	2,835.65	8	2,469.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,601.23	1/4	4,275.79	1/4	3,925.43	1/4	3,560.06	1/4	3,194.04	1/4	2,828.02	1/4	2,462.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,594.66	1/2	4,268.69	1/2	3,917.90	1/2	3,552.43	1/2	3,186.41	1/2	2,820.40	1/2	2,454.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,588.09	3/4	4,261.60	3/4	3,910.36	3/4	3,544.81	3/4	3,178.79	3/4	2,812.77	3/4	2,446.75
9	9	9	9	9	9	9	4,581.51	9	4,254.50	9	3,902.82	9	3,537.18	9	3,171.16	9	2,805.14	9	2,439.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,574.94	1/4	4,247.40	1/4	3,895.29	1/4	3,529.56	1/4	3,163.54	1/4	2,797.52	1/4	2,431.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,568.33	1/2	4,240.27	1/2	3,887.71	1/2	3,521.93	1/2	3,155.91	1/2	2,789.89	1/2	2,423.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,561.72	3/4	4,233.13	3/4	3,880.14	3/4	3,514.31	3/4	3,148.29	3/4	2,782.27	3/4	2,416.25
10	10	10	10	10	10	10	4,555.11	10	4,226.00	10	3,872.57	10	3,506.68	10	3,140.66	10	2,774.64	10	2,408.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,548.50	1/4	4,218.86	1/4	3,864.99	1/4	3,499.06	1/4	3,133.04	1/4	2,767.02	1/4	2,401.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,541.85	1/2	4,211.69	1/2	3,857.39	1/2	3,491.43	1/2	3,125.41	1/2	2,759.39	1/2	2,393.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,535.20	3/4	4,204.52	3/4	3,849.78	3/4	3,483.81	3/4	3,117.79	3/4	2,751.77	3/4	2,385.75
11	11	11	11	11	11	11	4,528.55	11	4,197.35	11	3,842.18	11	3,476.18	11	3,110.16	11	2,744.14	11	2,378.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,521.90	1/4	4,190.17	1/4	3,834.57	1/4	3,468.55	1/4	3,102.54	1/4	2,736.52	1/4	2,370.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,515.22	1/2	4,182.96	1/2	3,826.95	1/2	3,460.93	1/2	3,094.91	1/2	2,728.89	1/2	2,362.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,508.54	3/4	4,175.76	3/4	3,819.32	3/4	3,453.30	3/4	3,087.28	3/4	2,721.27	3/4	2,355.25

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 53'-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 28076"

1 STBD
ULLAGE TABLE

GAUGE HEIGHT 16'-07 1/4"

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

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W
0	2,347.62	0	1,981.60	0	1,615.57	0	1,250.19	0	885.18	0	519.21	0	174.68	0		0		0	
1/4	2,340.00	1/4	1,973.98	1/4	1,607.94	1/4	1,242.56	1/4	877.59	1/4	511.58	1/4	167.98	1/4		1/4		1/4	
1/2	2,332.37	1/2	1,966.35	1/2	1,600.32	1/2	1,234.94	1/2	869.97	1/2	503.98	1/2	161.38	1/2		1/2		1/2	
3/4	2,324.74	3/4	1,958.73	3/4	1,592.69	3/4	1,227.31	3/4	862.36	3/4	496.37	3/4	154.77	3/4		3/4		3/4	
1	2,317.12	1	1,951.10	1	1,585.07	1	1,219.68	1	854.74	1	488.77	1	148.16	1		1		1	
1/4	2,309.49	1/4	1,943.47	1/4	1,577.44	1/4	1,212.06	1/4	847.13	1/4	481.16	1/4	141.56	1/4		1/4		1/4	
1/2	2,301.87	1/2	1,935.85	1/2	1,569.82	1/2	1,204.43	1/2	839.51	1/2	473.62	1/2	135.04	1/2		1/2		1/2	
3/4	2,294.24	3/4	1,928.22	3/4	1,562.19	3/4	1,196.80	3/4	831.88	3/4	466.08	3/4	128.53	3/4		3/4		3/4	
2	2,286.62	2	1,920.60	2	1,554.56	2	1,189.18	2	824.25	2	458.54	2	122.02	2		2		2	
1/4	2,278.99	1/4	1,912.97	1/4	1,546.94	1/4	1,181.55	1/4	816.63	1/4	450.99	1/4	115.50	1/4		1/4		1/4	
1/2	2,271.37	1/2	1,905.35	1/2	1,539.31	1/2	1,173.94	1/2	809.00	1/2	443.54	1/2	109.08	1/2		1/2		1/2	
3/4	2,263.74	3/4	1,897.72	3/4	1,531.69	3/4	1,166.32	3/4	801.38	3/4	436.08	3/4	102.67	3/4		3/4		3/4	
3	2,256.12	3	1,890.09	3	1,524.06	3	1,158.71	3	793.75	3	428.62	3	96.25	3		3		3	
1/4	2,248.49	1/4	1,882.47	1/4	1,516.44	1/4	1,151.10	1/4	786.12	1/4	421.17	1/4	89.83	1/4		1/4		1/4	
1/2	2,240.87	1/2	1,874.84	1/2	1,508.81	1/2	1,143.50	1/2	778.50	1/2	413.79	1/2	83.52	1/2		1/2		1/2	
3/4	2,233.24	3/4	1,867.22	3/4	1,501.18	3/4	1,135.90	3/4	770.87	3/4	406.42	3/4	77.21	3/4		3/4		3/4	
4	2,225.61	4	1,859.59	4	1,493.56	4	1,128.30	4	763.25	4	399.05	4	70.89	4		4		4	
1/4	2,217.99	1/4	1,851.97	1/4	1,485.93	1/4	1,120.70	1/4	755.62	1/4	391.68	1/4	64.58	1/4		1/4		1/4	
1/2	2,210.36	1/2	1,844.34	1/2	1,478.32	1/2	1,113.10	1/2	747.99	1/2	384.39	1/2	58.39	1/2		1/2		1/2	
3/4	2,202.74	3/4	1,836.71	3/4	1,470.71	3/4	1,105.51	3/4	740.37	3/4	377.10	3/4	52.19	3/4		3/4		3/4	
5	2,195.11	5	1,829.09	5	1,463.10	5	1,097.91	5	732.74	5	369.82	5	46.00	5		5		5	
1/4	2,187.49	1/4	1,821.46	1/4	1,455.49	1/4	1,090.31	1/4	725.12	1/4	362.53	1/4	39.80	1/4		1/4		1/4	
1/2	2,179.86	1/2	1,813.84	1/2	1,447.89	1/2	1,082.72	1/2	717.49	1/2	355.33	1/2	34.30	1/2		1/2		1/2	
3/4	2,172.24	3/4	1,806.21	3/4	1,440.29	3/4	1,075.12	3/4	709.86	3/4	348.12	3/4	28.80	3/4		3/4		3/4	
6	2,164.61	6	1,798.59	6	1,432.69	6	1,067.52	6	702.24	6	340.92	6	23.31	6		6		6	
1/4	2,156.99	1/4	1,790.96	1/4	1,425.09	1/4	1,059.92	1/4	694.61	1/4	333.72	1/4	17.81	1/4		1/4		1/4	
1/2	2,149.36	1/2	1,783.34	1/2	1,417.50	1/2	1,052.33	1/2	686.99	1/2	326.60	1/2	14.25	1/2		1/2		1/2	
3/4	2,141.74	3/4	1,775.71	3/4	1,409.90	3/4	1,044.73	3/4	679.36	3/4	319.48	3/4	10.69	3/4		3/4		3/4	
7	2,134.11	7	1,768.08	7	1,402.30	7	1,037.13	7	671.73	7	312.37	7	7.14	7		7		7	
1/4	2,126.48	1/4	1,760.46	1/4	1,394.70	1/4	1,029.54	1/4	664.11	1/4	305.25	1/4	3.58	1/4		1/4		1/4	
1/2	2,118.86	1/2	1,752.83	1/2	1,387.10	1/2	1,021.94	1/2	656.48	1/2	298.22	1/2		1/2		1/2		1/2	
3/4	2,111.23	3/4	1,745.21	3/4	1,379.50	3/4	1,014.34	3/4	648.86	3/4	291.18	3/4		3/4		3/4		3/4	
8	2,103.61	8	1,737.58	8	1,371.90	8	1,006.74	8	641.23	8	284.15	8		8		8		8	
1/4	2,095.98	1/4	1,729.96	1/4	1,364.31	1/4	999.15	1/4	633.60	1/4	277.12	1/4		1/4		1/4		1/4	
1/2	2,088.36	1/2	1,722.33	1/2	1,356.71	1/2	991.55	1/2	625.98	1/2	270.17	1/2		1/2		1/2		1/2	
3/4	2,080.73	3/4	1,714.70	3/4	1,349.11	3/4	983.95	3/4	618.35	3/4	263.22	3/4		3/4		3/4		3/4	
9	2,073.11	9	1,707.08	9	1,341.51	9	976.36	9	610.72	9	256.27	9		9		9		9	
1/4	2,065.48	1/4	1,699.45	1/4	1,333.91	1/4	968.76	1/4	603.10	1/4	249.32	1/4		1/4		1/4		1/4	
1/2	2,057.86	1/2	1,691.83	1/2	1,326.31	1/2	961.16	1/2	595.47	1/2	242.46	1/2		1/2		1/2		1/2	
3/4	2,050.23	3/4	1,684.20	3/4	1,318.71	3/4	953.56	3/4	587.85	3/4	235.60	3/4		3/4		3/4		3/4	
10	2,042.60	10	1,676.58	10	1,311.12	10	945.97	10	580.22	10	228.73	10		10		10		10	
1/4	2,034.98	1/4	1,668.95	1/4	1,303.52	1/4	938.37	1/4	572.59	1/4	221.87	1/4		1/4		1/4		1/4	
1/2	2,027.35	1/2	1,661.32	1/2	1,295.90	1/2	930.77	1/2	564.97	1/2	215.09	1/2		1/2		1/2		1/2	
3/4	2,019.73	3/4	1,653.70	3/4	1,288.29	3/4	923.18	3/4	557.34	3/4	208.31	3/4		3/4		3/4		3/4	
11	2,012.10	11	1,646.07	11	1,280.68	11	915.58	11	549.71	11	201.54	11		11		11		11	
1/4	2,004.48	1/4	1,638.45	1/4	1,273.07	1/4	907.98	1/4	542.09	1/4	194.76	1/4		1/4		1/4		1/4	
1/2	1,996.85	1/2	1,630.82	1/2	1,265.44	1/2	900.38	1/2	534.46	1/2	188.06	1/2		1/2		1/2		1/2	
3/4	1,989.23	3/4	1,623.20	3/4	1,257.81	3/4	892.78	3/4	526.83	3/4	181.37	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2006 CL - SW
CALCULATED: 06/18/2006 CL
PRINTED: 06/18/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

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



BARGE "KIRBY 28076"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	
0	0	0	0	0	0	0	0	4,542.06	0	4,213.41	0	3,860.97	0	3,497.80	0	3,134.60	0	2,771.41		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,535.46	1/4	4,206.29	1/4	3,853.43	1/4	3,490.23	1/4	3,127.04	1/4	2,763.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,528.83	1/2	4,199.14	1/2	3,845.86	1/2	3,482.67	1/2	3,119.47	1/2	2,756.27		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,522.20	3/4	4,191.98	3/4	3,838.30	3/4	3,475.10	3/4	3,111.90	3/4	2,748.71		
1	1	1	1	1	1	1	1	4,839.25	1	4,515.56	1	4,184.83	1	3,830.73	1	3,467.53	1	3,104.34	1	2,741.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,833.66	1/4	4,508.93	1/4	4,177.68	1/4	3,823.17	1/4	3,459.97	1/4	3,096.77	1/4	2,733.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,826.89	1/2	4,502.27	1/2	4,170.48	1/2	3,815.60	1/2	3,452.40	1/2	3,089.20	1/2	2,726.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,820.12	3/4	4,495.60	3/4	4,163.29	3/4	3,808.03	3/4	3,444.84	3/4	3,081.64	3/4	2,718.44
2	2	2	2	2	2	2	2	4,813.34	2	4,488.94	2	4,156.10	2	3,800.47	2	3,437.27	2	3,074.07	2	2,710.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,806.57	1/4	4,482.28	1/4	4,148.91	1/4	3,792.90	1/4	3,429.70	1/4	3,066.51	1/4	2,703.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,799.17	1/2	4,475.58	1/2	4,141.68	1/2	3,785.33	1/2	3,422.14	1/2	3,058.94	1/2	2,695.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,791.76	3/4	4,468.88	3/4	4,134.45	3/4	3,777.77	3/4	3,414.57	3/4	3,051.37	3/4	2,688.17
3	3	3	3	3	3	3	3	4,784.36	3	4,462.18	3	4,127.23	3	3,770.20	3	3,407.00	3	3,043.81	3	2,680.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,776.96	1/4	4,455.48	1/4	4,120.00	1/4	3,762.63	1/4	3,399.44	1/4	3,036.24	1/4	2,673.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,769.47	1/2	4,448.74	1/2	4,112.73	1/2	3,755.07	1/2	3,391.87	1/2	3,028.67	1/2	2,665.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,761.99	3/4	4,442.01	3/4	4,105.47	3/4	3,747.50	3/4	3,384.30	3/4	3,021.11	3/4	2,657.91
4	4	4	4	4	4	4	4	4,754.51	4	4,435.27	4	4,098.21	4	3,739.93	4	3,376.74	4	3,013.54	4	2,650.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,747.03	1/4	4,428.53	1/4	4,090.95	1/4	3,732.37	1/4	3,369.17	1/4	3,005.97	1/4	2,642.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,739.82	1/2	4,421.76	1/2	4,083.65	1/2	3,724.80	1/2	3,361.60	1/2	2,998.41	1/2	2,635.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,732.62	3/4	4,414.99	3/4	4,076.35	3/4	3,717.23	3/4	3,354.04	3/4	2,990.84	3/4	2,627.64
5	5	5	5	5	5	5	5	4,725.41	5	4,408.22	5	4,069.06	5	3,709.67	5	3,346.47	5	2,983.27	5	2,620.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,718.21	1/4	4,401.44	1/4	4,061.76	1/4	3,702.10	1/4	3,338.90	1/4	2,975.71	1/4	2,612.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,711.55	1/2	4,394.63	1/2	4,054.43	1/2	3,694.53	1/2	3,331.34	1/2	2,968.14	1/2	2,604.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,704.88	3/4	4,387.82	3/4	4,047.10	3/4	3,686.97	3/4	3,323.77	3/4	2,960.57	3/4	2,597.38
6	6	6	6	6	6	6	6	4,698.22	6	4,381.01	6	4,039.77	6	3,679.40	6	3,316.20	6	2,953.01	6	2,589.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,691.56	1/4	4,374.20	1/4	4,032.44	1/4	3,671.83	1/4	3,308.64	1/4	2,945.44	1/4	2,582.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,685.15	1/2	4,367.35	1/2	4,025.08	1/2	3,664.27	1/2	3,301.07	1/2	2,937.87	1/2	2,574.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,678.74	3/4	4,360.51	3/4	4,017.71	3/4	3,656.70	3/4	3,293.50	3/4	2,930.31	3/4	2,567.11
7	7	7	7	7	7	7	7	4,672.33	7	4,353.66	7	4,010.34	7	3,649.13	7	3,285.94	7	2,922.74	7	2,559.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,665.92	1/4	4,346.81	1/4	4,002.97	1/4	3,641.57	1/4	3,278.37	1/4	2,915.17	1/4	2,551.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,659.47	1/2	4,339.91	1/2	3,995.57	1/2	3,634.00	1/2	3,270.80	1/2	2,907.61	1/2	2,544.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,653.02	3/4	4,333.00	3/4	3,988.16	3/4	3,626.43	3/4	3,263.24	3/4	2,900.04	3/4	2,536.84
8	8	8	8	8	8	8	8	4,646.57	8	4,326.10	8	3,980.76	8	3,618.87	8	3,255.67	8	2,892.47	8	2,529.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,640.12	1/4	4,319.19	1/4	3,973.36	1/4	3,611.30	1/4	3,248.10	1/4	2,884.91	1/4	2,521.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,633.64	1/2	4,312.21	1/2	3,965.91	1/2	3,603.73	1/2	3,240.54	1/2	2,877.34	1/2	2,514.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,627.15	3/4	4,305.22	3/4	3,958.47	3/4	3,596.17	3/4	3,232.97	3/4	2,869.77	3/4	2,506.58
9	9	9	9	9	9	9	9	4,620.66	9	4,298.24	9	3,951.03	9	3,588.60	9	3,225.40	9	2,862.21	9	2,499.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,614.18	1/4	4,291.25	1/4	3,943.59	1/4	3,581.03	1/4	3,217.84	1/4	2,854.64	1/4	2,491.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,607.66	1/2	4,284.21	1/2	3,936.11	1/2	3,573.47	1/2	3,210.27	1/2	2,847.07	1/2	2,483.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,601.13	3/4	4,277.17	3/4	3,928.63	3/4	3,565.90	3/4	3,202.70	3/4	2,839.51	3/4	2,476.31
10	10	10	10	10	10	10	10	4,594.61	10	4,270.12	10	3,921.15	10	3,558.33	10	3,195.14	10	2,831.94	10	2,468.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,588.09	1/4	4,263.08	1/4	3,913.68	1/4	3,550.77	1/4	3,187.57	1/4	2,824.37	1/4	2,461.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,581.53	1/2	4,256.00	1/2	3,906.16	1/2	3,543.20	1/2	3,180.00	1/2	2,816.81	1/2	2,453.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,574.97	3/4	4,248.92	3/4	3,898.64	3/4	3,535.63	3/4	3,172.44	3/4	2,809.24	3/4	2,446.04
11	11	11	11	11	11	11	11	4,568.41	11	4,241.84	11	3,891.13	11	3,528.07	11	3,164.87	11	2,801.67	11	2,438.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,561.85	1/4	4,234.76	1/4	3,883.61	1/4	3,520.50	1/4	3,157.30	1/4	2,794.11	1/4	2,430.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,555.25	1/2	4,227.64	1/2	3,876.07	1/2	3,512.93	1/2	3,149.74	1/2	2,786.54	1/2	2,423.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,548.65	3/4	4,220.53	3/4	3,868.52	3/4	3,505.37	3/4	3,142.17	3/4	2,778.97	3/4	2,415.78

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 28076"

2 PORT ULLAGE TABLE

GAUGE HEIGHT 16'-08 1/4"

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

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	2,408.21	0	2,045.01	0	1,681.80	0	1,322.47	0	971.32	0	612.79	0	249.54	0		0		0	
1/4	2,400.64	1/4	2,037.45	1/4	1,674.24	1/4	1,314.90	1/4	964.08	1/4	605.22	1/4	241.98	1/4		1/4		1/4	
1/2	2,393.08	1/2	2,029.88	1/2	1,666.67	1/2	1,307.34	1/2	956.84	1/2	597.65	1/2	234.41	1/2		1/2		1/2	
3/4	2,385.51	3/4	2,022.31	3/4	1,659.10	3/4	1,299.77	3/4	949.60	3/4	590.09	3/4	226.84	3/4		3/4		3/4	
1	2,377.94	1	2,014.74	1	1,651.54	1	1,292.20	1	942.36	1	582.52	1	219.27	1		1		1	
1/4	2,370.38	1/4	2,007.18	1/4	1,643.97	1/4	1,284.64	1/4	935.12	1/4	574.95	1/4	211.71	1/4		1/4		1/4	
1/2	2,362.81	1/2	1,999.61	1/2	1,636.40	1/2	1,277.07	1/2	927.87	1/2	567.38	1/2	204.14	1/2		1/2		1/2	
3/4	2,355.24	3/4	1,992.04	3/4	1,628.84	3/4	1,269.50	3/4	920.62	3/4	559.81	3/4	196.58	3/4		3/4		3/4	
2	2,347.68	2	1,984.48	2	1,621.27	2	1,261.93	2	913.36	2	552.25	2	189.01	2		2		2	
1/4	2,340.11	1/4	1,976.91	1/4	1,613.70	1/4	1,254.37	1/4	906.11	1/4	544.68	1/4	181.45	1/4		1/4		1/4	
1/2	2,332.54	1/2	1,969.34	1/2	1,606.14	1/2	1,246.95	1/2	898.84	1/2	537.11	1/2	173.89	1/2		1/2		1/2	
3/4	2,324.98	3/4	1,961.78	3/4	1,598.57	3/4	1,239.53	3/4	891.58	3/4	529.54	3/4	166.33	3/4		3/4		3/4	
3	2,317.41	3	1,954.21	3	1,591.00	3	1,232.11	3	884.31	3	521.98	3	158.77	3		3		3	
1/4	2,309.84	1/4	1,946.64	1/4	1,583.44	1/4	1,224.70	1/4	877.04	1/4	514.41	1/4	151.21	1/4		1/4		1/4	
1/2	2,302.28	1/2	1,939.08	1/2	1,575.87	1/2	1,217.44	1/2	869.63	1/2	506.84	1/2	143.67	1/2		1/2		1/2	
3/4	2,294.71	3/4	1,931.51	3/4	1,568.30	3/4	1,210.19	3/4	862.21	3/4	499.27	3/4	136.12	3/4		3/4		3/4	
4	2,287.15	4	1,923.94	4	1,560.74	4	1,202.94	4	854.79	4	491.71	4	128.58	4		4		4	
1/4	2,279.58	1/4	1,916.38	1/4	1,553.17	1/4	1,195.68	1/4	847.38	1/4	484.14	1/4	121.03	1/4		1/4		1/4	
1/2	2,272.01	1/2	1,908.81	1/2	1,545.68	1/2	1,188.44	1/2	839.81	1/2	476.57	1/2	113.50	1/2		1/2		1/2	
3/4	2,264.45	3/4	1,901.24	3/4	1,538.20	3/4	1,181.20	3/4	832.24	3/4	469.00	3/4	105.98	3/4		3/4		3/4	
5	2,256.88	5	1,893.67	5	1,530.71	5	1,173.96	5	824.67	5	461.44	5	98.45	5		5		5	
1/4	2,249.31	1/4	1,886.11	1/4	1,523.23	1/4	1,166.72	1/4	817.11	1/4	453.87	1/4	90.93	1/4		1/4		1/4	
1/2	2,241.75	1/2	1,878.54	1/2	1,515.82	1/2	1,159.49	1/2	809.54	1/2	446.30	1/2	83.43	1/2		1/2		1/2	2-Jan
3/4	2,234.18	3/4	1,870.97	3/4	1,508.42	3/4	1,152.25	3/4	801.97	3/4	438.73	3/4	75.94	3/4		3/4		3/4	
6	2,226.61	6	1,863.41	6	1,501.01	6	1,145.01	6	794.41	6	431.17	6	68.45	6		6		6	
1/4	2,219.05	1/4	1,855.84	1/4	1,493.61	1/4	1,137.78	1/4	786.84	1/4	423.60	1/4	60.95	1/4		1/4		1/4	
1/2	2,211.48	1/2	1,848.27	1/2	1,486.20	1/2	1,130.54	1/2	779.27	1/2	416.03	1/2	54.07	1/2		1/2		1/2	
3/4	2,203.91	3/4	1,840.71	3/4	1,478.80	3/4	1,123.30	3/4	771.70	3/4	408.46	3/4	47.18	3/4		3/4		3/4	
7	2,196.35	7	1,833.14	7	1,471.39	7	1,116.06	7	764.14	7	400.90	7	40.29	7		7		7	
1/4	2,188.78	1/4	1,825.57	1/4	1,463.99	1/4	1,108.83	1/4	756.57	1/4	393.33	1/4	33.41	1/4		1/4		1/4	
1/2	2,181.21	1/2	1,818.01	1/2	1,456.58	1/2	1,101.59	1/2	749.00	1/2	385.76	1/2	28.36	1/2		1/2		1/2	
3/4	2,173.65	3/4	1,810.44	3/4	1,449.18	3/4	1,094.35	3/4	741.44	3/4	378.19	3/4	23.32	3/4		3/4		3/4	
8	2,166.08	8	1,802.87	8	1,441.77	8	1,087.11	8	733.87	8	370.62	8	18.28	8		8		8	
1/4	2,158.51	1/4	1,795.31	1/4	1,434.37	1/4	1,079.88	1/4	726.30	1/4	363.06	1/4	13.24	1/4		1/4		1/4	
1/2	2,150.95	1/2	1,787.74	1/2	1,426.96	1/2	1,072.64	1/2	718.73	1/2	355.49	1/2		1/2		1/2		1/2	
3/4	2,143.38	3/4	1,780.17	3/4	1,419.55	3/4	1,065.40	3/4	711.17	3/4	347.92	3/4		3/4		3/4		3/4	
9	2,135.81	9	1,772.61	9	1,412.15	9	1,058.17	9	703.60	9	340.35	9		9		9		9	
1/4	2,128.25	1/4	1,765.04	1/4	1,404.74	1/4	1,050.93	1/4	696.03	1/4	332.79	1/4		1/4		1/4		1/4	
1/2	2,120.68	1/2	1,757.47	1/2	1,397.34	1/2	1,043.69	1/2	688.46	1/2	325.22	1/2		1/2		1/2		1/2	
3/4	2,113.11	3/4	1,749.91	3/4	1,389.93	3/4	1,036.45	3/4	680.90	3/4	317.65	3/4		3/4		3/4		3/4	
10	2,105.55	10	1,742.34	10	1,382.53	10	1,029.22	10	673.33	10	310.08	10		10		10		10	
1/4	2,097.98	1/4	1,734.77	1/4	1,375.12	1/4	1,021.98	1/4	665.76	1/4	302.52	1/4		1/4		1/4		1/4	
1/2	2,090.41	1/2	1,727.21	1/2	1,367.63	1/2	1,014.74	1/2	658.19	1/2	294.95	1/2		1/2		1/2		1/2	
3/4	2,082.85	3/4	1,719.64	3/4	1,360.15	3/4	1,007.50	3/4	650.63	3/4	287.38	3/4		3/4		3/4		3/4	
11	2,075.28	11	1,712.07	11	1,352.66	11	1,000.27	11	643.06	11	279.81	11		11		11		11	
1/4	2,067.71	1/4	1,704.50	1/4	1,345.17	1/4	993.03	1/4	635.49	1/4	272.25	1/4		1/4		1/4		1/4	
1/2	2,060.15	1/2	1,696.94	1/2	1,337.61	1/2	985.79	1/2	627.92	1/2	264.68	1/2		1/2		1/2		1/2	
3/4	2,052.58	3/4	1,689.37	3/4	1,330.04	3/4	978.55	3/4	620.36	3/4	257.11	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2006 CL - SW
CALCULATED: 06/18/2006 CL
PRINTED: 06/18/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 28076"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	4,542.31	0	4,212.77	0	3,859.66	0	3,496.65	0	3,133.63	0	2,770.60		
1/4		1/4		1/4		1/4		1/4	4,535.68	1/4	4,205.62	1/4	3,852.10	1/4	3,489.09	1/4	3,126.06	1/4	2,763.04		
1/2		1/2		1/2		1/2		1/2	4,529.05	1/2	4,198.47	1/2	3,844.54	1/2	3,481.52	1/2	3,118.50	1/2	2,755.48		
3/4		3/4		3/4		3/4		3/4	4,847.00	3/4	4,522.42	3/4	4,191.32	3/4	3,836.98	3/4	3,473.96	3/4	3,110.94	3/4	2,747.91
1		1		1		1		1	4,840.23	1	4,515.76	1	4,184.13	1	3,829.42	1	3,466.40	1	3,103.37	1	2,740.35
1/4		1/4		1/4		1/4		1/4	4,833.46	1/4	4,509.10	1/4	4,176.95	1/4	3,821.86	1/4	3,458.83	1/4	3,095.81	1/4	2,732.79
1/2		1/2		1/2		1/2		1/2	4,826.69	1/2	4,502.44	1/2	4,169.76	1/2	3,814.30	1/2	3,451.27	1/2	3,088.25	1/2	2,725.22
3/4		3/4		3/4		3/4		3/4	4,819.92	3/4	4,495.78	3/4	4,162.57	3/4	3,806.73	3/4	3,443.71	3/4	3,080.68	3/4	2,717.66
2		2		2		2		2	4,812.52	2	4,489.08	2	4,155.34	2	3,799.17	2	3,436.15	2	3,073.12	2	2,710.10
1/4		1/4		1/4		1/4		1/4	4,805.12	1/4	4,482.39	1/4	4,148.12	1/4	3,791.61	1/4	3,428.58	1/4	3,065.56	1/4	2,702.53
1/2		1/2		1/2		1/2		1/2	4,797.72	1/2	4,475.69	1/2	4,140.90	1/2	3,784.04	1/2	3,421.02	1/2	3,058.00	1/2	2,694.97
3/4		3/4		3/4		3/4		3/4	4,790.32	3/4	4,468.99	3/4	4,133.67	3/4	3,776.48	3/4	3,413.46	3/4	3,050.43	3/4	2,687.41
3		3		3		3		3	4,782.84	3	4,462.26	3	4,126.41	3	3,768.92	3	3,405.89	3	3,042.87	3	2,679.85
1/4		1/4		1/4		1/4		1/4	4,775.37	1/4	4,455.53	1/4	4,119.15	1/4	3,761.35	1/4	3,398.33	1/4	3,035.31	1/4	2,672.28
1/2		1/2		1/2		1/2		1/2	4,767.89	1/2	4,448.80	1/2	4,111.89	1/2	3,753.79	1/2	3,390.77	1/2	3,027.74	1/2	2,664.72
3/4		3/4		3/4		3/4		3/4	4,760.41	3/4	4,442.06	3/4	4,104.63	3/4	3,746.23	3/4	3,383.20	3/4	3,020.18	3/4	2,657.16
4		4		4		4		4	4,753.21	4	4,435.29	4	4,097.34	4	3,738.67	4	3,375.64	4	3,012.62	4	2,649.59
1/4		1/4		1/4		1/4		1/4	4,746.00	1/4	4,428.52	1/4	4,090.05	1/4	3,731.10	1/4	3,368.08	1/4	3,005.05	1/4	2,642.03
1/2		1/2		1/2		1/2		1/2	4,738.80	1/2	4,421.75	1/2	4,082.76	1/2	3,723.54	1/2	3,360.52	1/2	2,997.49	1/2	2,634.47
3/4		3/4		3/4		3/4		3/4	4,731.60	3/4	4,414.98	3/4	4,075.46	3/4	3,715.98	3/4	3,352.95	3/4	2,989.93	3/4	2,626.90
5		5		5		5		5	4,724.94	5	4,408.18	5	4,068.14	5	3,708.41	5	3,345.39	5	2,982.37	5	2,619.34
1/4		1/4		1/4		1/4		1/4	4,718.29	1/4	4,401.37	1/4	4,060.81	1/4	3,700.85	1/4	3,337.83	1/4	2,974.80	1/4	2,611.78
1/2		1/2		1/2		1/2		1/2	4,711.63	1/2	4,394.56	1/2	4,053.48	1/2	3,693.29	1/2	3,330.26	1/2	2,967.24	1/2	2,604.22
3/4		3/4		3/4		3/4		3/4	4,704.97	3/4	4,387.75	3/4	4,046.16	3/4	3,685.72	3/4	3,322.70	3/4	2,959.68	3/4	2,596.65
6		6		6		6		6	4,698.56	6	4,380.91	6	4,038.79	6	3,678.16	6	3,315.14	6	2,952.11	6	2,589.09
1/4		1/4		1/4		1/4		1/4	4,692.15	1/4	4,374.07	1/4	4,031.43	1/4	3,670.60	1/4	3,307.57	1/4	2,944.55	1/4	2,581.53
1/2		1/2		1/2		1/2		1/2	4,685.74	1/2	4,367.22	1/2	4,024.07	1/2	3,663.04	1/2	3,300.01	1/2	2,936.99	1/2	2,573.96
3/4		3/4		3/4		3/4		3/4	4,679.33	3/4	4,360.38	3/4	4,016.70	3/4	3,655.47	3/4	3,292.45	3/4	2,929.42	3/4	2,566.40
7		7		7		7		7	4,672.89	7	4,353.48	7	4,009.30	7	3,647.91	7	3,284.89	7	2,921.86	7	2,558.84
1/4		1/4		1/4		1/4		1/4	4,666.44	1/4	4,346.57	1/4	4,001.90	1/4	3,640.35	1/4	3,277.32	1/4	2,914.30	1/4	2,551.27
1/2		1/2		1/2		1/2		1/2	4,660.00	1/2	4,339.67	1/2	3,994.50	1/2	3,632.78	1/2	3,269.76	1/2	2,906.74	1/2	2,543.71
3/4		3/4		3/4		3/4		3/4	4,653.55	3/4	4,332.77	3/4	3,987.10	3/4	3,625.22	3/4	3,262.20	3/4	2,899.17	3/4	2,536.15
8		8		8		8		8	4,647.07	8	4,325.79	8	3,979.66	8	3,617.66	8	3,254.63	8	2,891.61	8	2,528.59
1/4		1/4		1/4		1/4		1/4	4,640.59	1/4	4,318.81	1/4	3,972.22	1/4	3,610.09	1/4	3,247.07	1/4	2,884.05	1/4	2,521.02
1/2		1/2		1/2		1/2		1/2	4,634.10	1/2	4,311.82	1/2	3,964.78	1/2	3,602.53	1/2	3,239.51	1/2	2,876.48	1/2	2,513.46
3/4		3/4		3/4		3/4		3/4	4,627.62	3/4	4,304.84	3/4	3,957.35	3/4	3,594.97	3/4	3,231.94	3/4	2,868.92	3/4	2,505.90
9		9		9		9		9	4,621.10	9	4,297.80	9	3,949.87	9	3,587.41	9	3,224.38	9	2,861.36	9	2,498.33
1/4		1/4		1/4		1/4		1/4	4,614.58	1/4	4,290.76	1/4	3,942.40	1/4	3,579.84	1/4	3,216.82	1/4	2,853.79	1/4	2,490.77
1/2		1/2		1/2		1/2		1/2	4,608.06	1/2	4,283.72	1/2	3,934.92	1/2	3,572.28	1/2	3,209.26	1/2	2,846.23	1/2	2,483.21
3/4		3/4		3/4		3/4		3/4	4,601.54	3/4	4,276.68	3/4	3,927.45	3/4	3,564.72	3/4	3,201.69	3/4	2,838.67	3/4	2,475.64
10		10		10		10		10	4,594.98	10	4,269.61	10	3,919.93	10	3,557.15	10	3,194.13	10	2,831.11	10	2,468.08
1/4		1/4		1/4		1/4		1/4	4,588.43	1/4	4,262.53	1/4	3,912.42	1/4	3,549.59	1/4	3,186.57	1/4	2,823.54	1/4	2,460.52
1/2		1/2		1/2		1/2		1/2	4,581.87	1/2	4,255.45	1/2	3,904.91	1/2	3,542.03	1/2	3,179.00	1/2	2,815.98	1/2	2,452.96
3/4		3/4		3/4		3/4		3/4	4,575.31	3/4	4,248.38	3/4	3,897.40	3/4	3,534.46	3/4	3,171.44	3/4	2,808.42	3/4	2,445.39
11		11		11		11		11	4,568.72	11	4,241.26	11	3,889.86	11	3,526.90	11	3,163.88	11	2,800.85	11	2,437.83
1/4		1/4		1/4		1/4		1/4	4,562.13	1/4	4,234.15	1/4	3,882.31	1/4	3,519.34	1/4	3,156.31	1/4	2,793.29	1/4	2,430.27
1/2		1/2		1/2		1/2		1/2	4,555.53	1/2	4,227.04	1/2	3,874.77	1/2	3,511.78	1/2	3,148.75	1/2	2,785.73	1/2	2,422.70
3/4		3/4		3/4		3/4		3/4	4,548.94	3/4	4,219.92	3/4	3,867.23	3/4	3,504.21	3/4	3,141.19	3/4	2,778.16	3/4	2,415.14

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-08" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 28076"

2 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-07 3/4"

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

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	2,407.58	0	2,044.55	0	1,681.52	0	1,322.36	0	960.29	0	597.37	0	234.30	0		0		0	
1/4	2,400.01	1/4	2,036.99	1/4	1,673.95	1/4	1,314.79	1/4	952.76	1/4	589.80	1/4	226.73	1/4		1/4		1/4	
1/2	2,392.45	1/2	2,029.43	1/2	1,666.39	1/2	1,307.23	1/2	945.22	1/2	582.24	1/2	219.17	1/2		1/2		1/2	
3/4	2,384.89	3/4	2,021.86	3/4	1,658.83	3/4	1,299.67	3/4	937.68	3/4	574.68	3/4	211.60	3/4		3/4		3/4	
1	2,377.33	1	2,014.30	1	1,651.27	1	1,292.10	1	930.13	1	567.11	1	204.04	1		1		1	
1/4	2,369.76	1/4	2,006.74	1/4	1,643.70	1/4	1,284.54	1/4	922.58	1/4	559.55	1/4	196.48	1/4		1/4		1/4	
1/2	2,362.20	1/2	1,999.17	1/2	1,636.14	1/2	1,276.97	1/2	915.03	1/2	551.98	1/2	188.92	1/2		1/2		1/2	
3/4	2,354.64	3/4	1,991.61	3/4	1,628.58	3/4	1,269.41	3/4	907.48	3/4	544.42	3/4	181.36	3/4		3/4		3/4	
2	2,347.07	2	1,984.05	2	1,621.01	2	1,261.85	2	899.91	2	536.86	2	173.81	2		2		2	
1/4	2,339.51	1/4	1,976.48	1/4	1,613.45	1/4	1,254.28	1/4	892.35	1/4	529.29	1/4	166.25	1/4		1/4		1/4	
1/2	2,331.95	1/2	1,968.92	1/2	1,605.89	1/2	1,246.72	1/2	884.79	1/2	521.73	1/2	158.70	1/2		1/2		1/2	
3/4	2,324.38	3/4	1,961.36	3/4	1,598.32	3/4	1,239.15	3/4	877.22	3/4	514.16	3/4	151.14	3/4		3/4		3/4	
3	2,316.82	3	1,953.79	3	1,590.76	3	1,231.60	3	869.66	3	506.60	3	143.60	3		3		3	
1/4	2,309.26	1/4	1,946.23	1/4	1,583.20	1/4	1,224.05	1/4	862.10	1/4	499.04	1/4	136.06	1/4		1/4		1/4	
1/2	2,301.70	1/2	1,938.67	1/2	1,575.63	1/2	1,216.50	1/2	854.53	1/2	491.47	1/2	128.52	1/2		1/2		1/2	
3/4	2,294.13	3/4	1,931.10	3/4	1,568.07	3/4	1,208.95	3/4	846.97	3/4	483.91	3/4	120.97	3/4		3/4		3/4	
4	2,286.57	4	1,923.54	4	1,560.59	4	1,201.41	4	839.41	4	476.34	4	113.45	4		4		4	
1/4	2,279.01	1/4	1,915.98	1/4	1,553.11	1/4	1,193.88	1/4	831.84	1/4	468.78	1/4	105.93	1/4		1/4		1/4	
1/2	2,271.44	1/2	1,908.41	1/2	1,545.62	1/2	1,186.34	1/2	824.28	1/2	461.22	1/2	98.40	1/2		1/2		1/2	
3/4	2,263.88	3/4	1,900.85	3/4	1,538.14	3/4	1,178.80	3/4	816.72	3/4	453.65	3/4	90.88	3/4		3/4		3/4	
5	2,256.32	5	1,893.29	5	1,530.74	5	1,171.27	5	809.15	5	446.09	5	83.39	5		5		5	
1/4	2,248.75	1/4	1,885.72	1/4	1,523.34	1/4	1,163.73	1/4	801.59	1/4	438.52	1/4	75.90	1/4		1/4		1/4	
1/2	2,241.19	1/2	1,878.16	1/2	1,515.94	1/2	1,156.20	1/2	794.03	1/2	430.96	1/2	68.41	1/2		1/2		1/2	
3/4	2,233.63	3/4	1,870.60	3/4	1,508.53	3/4	1,148.67	3/4	786.46	3/4	423.40	3/4	60.93	3/4		3/4		3/4	
6	2,226.07	6	1,863.03	6	1,501.13	6	1,141.13	6	778.90	6	415.83	6	54.04	6		6		6	
1/4	2,218.50	1/4	1,855.47	1/4	1,493.73	1/4	1,133.60	1/4	771.33	1/4	408.27	1/4	47.16	1/4		1/4		1/4	
1/2	2,210.94	1/2	1,847.91	1/2	1,486.33	1/2	1,126.06	1/2	763.77	1/2	400.70	1/2	40.27	1/2		1/2		1/2	
3/4	2,203.38	3/4	1,840.35	3/4	1,478.93	3/4	1,118.53	3/4	756.21	3/4	393.14	3/4	33.39	3/4		3/4		3/4	
7	2,195.81	7	1,832.78	7	1,471.53	7	1,110.99	7	748.64	7	385.58	7	28.35	7		7		7	
1/4	2,188.25	1/4	1,825.22	1/4	1,464.13	1/4	1,103.46	1/4	741.08	1/4	378.01	1/4	23.31	1/4		1/4		1/4	
1/2	2,180.69	1/2	1,817.66	1/2	1,456.72	1/2	1,095.92	1/2	733.52	1/2	370.45	1/2	18.27	1/2		1/2		1/2	
3/4	2,173.12	3/4	1,810.09	3/4	1,449.32	3/4	1,088.39	3/4	725.95	3/4	362.88	3/4	13.23	3/4		3/4		3/4	
8	2,165.56	8	1,802.53	8	1,441.92	8	1,080.85	8	718.39	8	355.32	8		8		8		8	
1/4	2,158.00	1/4	1,794.97	1/4	1,434.52	1/4	1,073.32	1/4	710.83	1/4	347.76	1/4		1/4		1/4		1/4	
1/2	2,150.44	1/2	1,787.40	1/2	1,427.12	1/2	1,065.78	1/2	703.26	1/2	340.19	1/2		1/2		1/2		1/2	
3/4	2,142.87	3/4	1,779.84	3/4	1,419.72	3/4	1,058.25	3/4	695.70	3/4	332.63	3/4		3/4		3/4		3/4	
9	2,135.31	9	1,772.28	9	1,412.31	9	1,050.71	9	688.14	9	325.06	9		9		9		9	
1/4	2,127.75	1/4	1,764.71	1/4	1,404.91	1/4	1,043.18	1/4	680.57	1/4	317.50	1/4		1/4		1/4		1/4	
1/2	2,120.18	1/2	1,757.15	1/2	1,397.51	1/2	1,035.64	1/2	673.01	1/2	309.94	1/2		1/2		1/2		1/2	
3/4	2,112.62	3/4	1,749.59	3/4	1,390.11	3/4	1,028.11	3/4	665.44	3/4	302.37	3/4		3/4		3/4		3/4	
10	2,105.06	10	1,742.02	10	1,382.62	10	1,020.57	10	657.88	10	294.81	10		10		10		10	
1/4	2,097.49	1/4	1,734.46	1/4	1,375.14	1/4	1,013.04	1/4	650.32	1/4	287.24	1/4		1/4		1/4		1/4	
1/2	2,089.93	1/2	1,726.90	1/2	1,367.66	1/2	1,005.50	1/2	642.75	1/2	279.68	1/2		1/2		1/2		1/2	
3/4	2,082.37	3/4	1,719.33	3/4	1,360.18	3/4	997.97	3/4	635.19	3/4	272.12	3/4		3/4		3/4		3/4	
11	2,074.81	11	1,711.77	11	1,352.61	11	990.43	11	627.62	11	264.55	11		11		11		11	
1/4	2,067.24	1/4	1,704.21	1/4	1,345.05	1/4	982.90	1/4	620.06	1/4	256.99	1/4		1/4		1/4		1/4	
1/2	2,059.68	1/2	1,696.64	1/2	1,337.48	1/2	975.36	1/2	612.50	1/2	249.42	1/2		1/2		1/2		1/2	
3/4	2,052.12	3/4	1,689.08	3/4	1,329.92	3/4	967.83	3/4	604.93	3/4	241.86	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2006 CL - SW
CALCULATED: 06/18/2006 CL
PRINTED: 06/18/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 28076"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W		
0	0	0	0	0	0	0	0	0	4,208.65	0	3,948.00	0	3,673.47	0	3,392.71	0	3,031.48	0	2,668.12		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,458.09	1/4	4,203.36	1/4	3,942.40	1/4	3,667.64	1/4	3,386.00	1/4	3,023.91	1/4	2,660.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,453.37	1/2	4,198.07	1/2	3,936.79	1/2	3,661.81	1/2	3,379.29	1/2	3,016.34	1/2	2,652.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,448.64	3/4	4,192.79	3/4	3,931.18	3/4	3,655.98	3/4	3,372.58	3/4	3,008.77	3/4	2,645.41
1	1	1	1	1	1	1	1	1	4,443.60	1	4,187.48	1	3,925.55	1	3,650.15	1	3,364.99	1	3,001.20	1	2,637.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,438.57	1/4	4,182.17	1/4	3,919.92	1/4	3,644.32	1/4	3,357.40	1/4	2,993.63	1/4	2,630.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,433.53	1/2	4,176.87	1/2	3,914.29	1/2	3,638.49	1/2	3,349.81	1/2	2,986.06	1/2	2,622.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,428.50	3/4	4,171.56	3/4	3,908.66	3/4	3,632.66	3/4	3,342.22	3/4	2,978.49	3/4	2,615.13
2	2	2	2	2	2	2	2	2	4,422.83	2	4,166.23	2	3,903.01	2	3,626.83	2	3,334.63	2	2,970.92	2	2,607.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,417.16	1/4	4,160.91	1/4	3,897.36	1/4	3,621.00	1/4	3,327.04	1/4	2,963.35	1/4	2,599.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,411.50	1/2	4,155.58	1/2	3,891.72	1/2	3,615.17	1/2	3,319.45	1/2	2,955.78	1/2	2,592.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,405.83	3/4	4,150.26	3/4	3,886.07	3/4	3,609.33	3/4	3,311.86	3/4	2,948.21	3/4	2,584.85
3	3	3	3	3	3	3	3	3	4,400.08	3	4,144.91	3	3,880.40	3	3,603.50	3	3,304.27	3	2,940.64	3	2,577.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,394.33	1/4	4,139.57	1/4	3,874.73	1/4	3,597.67	1/4	3,296.68	1/4	2,933.07	1/4	2,569.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,388.59	1/2	4,134.22	1/2	3,869.07	1/2	3,591.84	1/2	3,289.09	1/2	2,925.50	1/2	2,562.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,382.84	3/4	4,128.88	3/4	3,863.40	3/4	3,586.01	3/4	3,281.50	3/4	2,917.93	3/4	2,554.57
4	4	4	4	4	4	4	4	4	4,377.24	4	4,123.51	4	3,857.71	4	3,580.18	4	3,273.91	4	2,910.36	4	2,547.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,371.65	1/4	4,118.15	1/4	3,852.03	1/4	3,574.35	1/4	3,266.32	1/4	2,902.79	1/4	2,539.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,366.05	1/2	4,112.78	1/2	3,846.34	1/2	3,568.52	1/2	3,258.73	1/2	2,895.22	1/2	2,531.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,360.45	3/4	4,107.42	3/4	3,840.66	3/4	3,562.69	3/4	3,251.14	3/4	2,887.65	3/4	2,524.28
5	5	5	5	5	5	5	5	5	4,355.15	5	4,102.03	5	3,834.95	5	3,556.86	5	3,243.55	5	2,880.08	5	2,516.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,349.84	1/4	4,096.65	1/4	3,829.25	1/4	3,551.03	1/4	3,235.96	1/4	2,872.51	1/4	2,509.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,344.54	1/2	4,091.26	1/2	3,823.55	1/2	3,545.20	1/2	3,228.37	1/2	2,864.94	1/2	2,501.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,339.23	3/4	4,085.88	3/4	3,817.84	3/4	3,539.36	3/4	3,220.78	3/4	2,857.37	3/4	2,494.00
6	6	6	6	6	6	6	6	6	4,334.06	6	4,080.47	6	3,812.12	6	3,533.53	6	3,213.20	6	2,849.80	6	2,486.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,328.89	1/4	4,075.07	1/4	3,806.40	1/4	3,527.70	1/4	3,205.62	1/4	2,842.23	1/4	2,478.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,323.72	1/2	4,069.66	1/2	3,800.67	1/2	3,521.87	1/2	3,198.04	1/2	2,834.66	1/2	2,471.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,318.55	3/4	4,064.26	3/4	3,794.95	3/4	3,516.04	3/4	3,190.45	3/4	2,827.09	3/4	2,463.72
7	7	7	7	7	7	7	7	7	4,313.36	7	4,058.81	7	3,789.21	7	3,510.21	7	3,182.88	7	2,819.52	7	2,456.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,308.17	1/4	4,053.37	1/4	3,783.46	1/4	3,504.38	1/4	3,175.31	1/4	2,811.95	1/4	2,448.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,302.98	1/2	4,047.92	1/2	3,777.72	1/2	3,498.55	1/2	3,167.74	1/2	2,804.38	1/2	2,441.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,297.79	3/4	4,042.48	3/4	3,771.97	3/4	3,492.72	3/4	3,160.17	3/4	2,796.81	3/4	2,433.44
8	8	8	8	8	8	8	8	8	4,292.58	8	4,036.97	8	3,766.21	8	3,486.89	8	3,152.60	8	2,789.24	8	2,425.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,287.37	1/4	4,031.46	1/4	3,760.45	1/4	3,481.06	1/4	3,145.03	1/4	2,781.67	1/4	2,418.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,282.16	1/2	4,025.95	1/2	3,754.68	1/2	3,475.23	1/2	3,137.46	1/2	2,774.10	1/2	2,410.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,276.95	3/4	4,020.44	3/4	3,748.92	3/4	3,469.40	3/4	3,129.89	3/4	2,766.53	3/4	2,403.16
9	9	9	9	9	9	9	9	9	4,271.72	9	4,014.89	9	3,743.14	9	3,463.56	9	3,122.32	9	2,758.96	9	2,395.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,266.49	1/4	4,009.34	1/4	3,737.35	1/4	3,457.73	1/4	3,114.75	1/4	2,751.39	1/4	2,388.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,261.26	1/2	4,003.80	1/2	3,731.57	1/2	3,451.90	1/2	3,107.18	1/2	2,743.82	1/2	2,380.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,256.03	3/4	3,998.25	3/4	3,725.79	3/4	3,446.07	3/4	3,099.61	3/4	2,736.25	3/4	2,372.88
10	10	10	10	10	10	10	10	10	4,250.77	10	3,992.68	10	3,719.98	10	3,440.24	10	3,092.04	10	2,728.68	10	2,365.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,245.52	1/4	3,987.11	1/4	3,714.18	1/4	3,434.41	1/4	3,084.47	1/4	2,721.11	1/4	2,357.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,240.27	1/2	3,981.54	1/2	3,708.38	1/2	3,428.58	1/2	3,076.90	1/2	2,713.54	1/2	2,350.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,235.02	3/4	3,975.97	3/4	3,702.57	3/4	3,422.75	3/4	3,069.33	3/4	2,705.97	3/4	2,342.60
11	11	11	11	11	11	11	11	11	4,229.75	11	3,970.38	11	3,696.75	11	3,416.92	11	3,061.76	11	2,698.40	11	2,335.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,224.48	1/4	3,964.79	1/4	3,690.93	1/4	3,411.09	1/4	3,054.19	1/4	2,690.83	1/4	2,327.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,219.21	1/2	3,959.20	1/2	3,685.11	1/2	3,405.26	1/2	3,046.62	1/2	2,683.26	1/2	2,319.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,213.94	3/4	3,953.61	3/4	3,679.29	3/4	3,399.43	3/4	3,039.05	3/4	2,675.69	3/4	2,312.32

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 53'-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 28076"

3 PORT ULLAGE TABLE

GAUGE HEIGHT 16'-05 3/4"

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

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	2,304.75	0	1,941.39	0	1,578.08	0	1,219.23	0	864.97	0	508.52	0	144.46	0		0			
1/4	2,297.18	1/4	1,933.82	1/4	1,570.53	1/4	1,211.68	1/4	857.62	1/4	500.93	1/4	137.19	1/4		1/4			1/4
1/2	2,289.61	1/2	1,926.24	1/2	1,562.99	1/2	1,204.12	1/2	850.26	1/2	493.34	1/2	129.91	1/2		1/2			1/2
3/4	2,282.04	3/4	1,918.67	3/4	1,555.44	3/4	1,196.57	3/4	842.91	3/4	485.74	3/4	122.64	3/4		3/4			3/4
1	2,274.47	1	1,911.10	1	1,547.89	1	1,189.01	1	835.54	1	478.15	1	116.31	1		1			1
1/4	2,266.90	1/4	1,903.53	1/4	1,540.35	1/4	1,181.46	1/4	828.17	1/4	470.56	1/4	109.99	1/4		1/4			1/4
1/2	2,259.33	1/2	1,895.96	1/2	1,532.80	1/2	1,173.90	1/2	820.81	1/2	462.97	1/2	103.66	1/2		1/2			1/2
3/4	2,251.76	3/4	1,888.39	3/4	1,525.25	3/4	1,166.35	3/4	813.44	3/4	455.38	3/4	97.34	3/4		3/4			3/4
2	2,244.19	2	1,880.82	2	1,517.71	2	1,158.90	2	806.06	2	447.79	2	92.28	2		2			2
1/4	2,236.62	1/4	1,873.25	1/4	1,510.16	1/4	1,151.45	1/4	798.68	1/4	440.20	1/4	87.23	1/4		1/4			1/4
1/2	2,229.05	1/2	1,865.68	1/2	1,502.61	1/2	1,144.00	1/2	791.30	1/2	432.61	1/2	82.18	1/2		1/2			1/2
3/4	2,221.48	3/4	1,858.11	3/4	1,495.06	3/4	1,136.55	3/4	783.92	3/4	425.02	3/4	77.12	3/4		3/4			3/4
3	2,213.91	3	1,850.54	3	1,487.52	3	1,129.21	3	776.54	3	417.42	3	73.34	3		3			3
1/4	2,206.34	1/4	1,842.97	1/4	1,479.97	1/4	1,121.87	1/4	769.15	1/4	409.83	1/4	69.57	1/4		1/4			1/4
1/2	2,198.77	1/2	1,835.40	1/2	1,472.42	1/2	1,114.53	1/2	761.77	1/2	402.24	1/2	65.79	1/2		1/2			1/2
3/4	2,191.20	3/4	1,827.83	3/4	1,464.88	3/4	1,107.18	3/4	754.39	3/4	394.65	3/4	62.01	3/4		3/4			3/4
4	2,183.63	4	1,820.26	4	1,457.41	4	1,099.85	4	747.01	4	387.06	4	59.51	4		4			4
1/4	2,176.06	1/4	1,812.69	1/4	1,449.95	1/4	1,092.51	1/4	739.63	1/4	379.47	1/4	57.02	1/4		1/4			1/4
1/2	2,168.49	1/2	1,805.12	1/2	1,442.48	1/2	1,085.18	1/2	732.25	1/2	371.88	1/2	54.53	1/2		1/2			1/2
3/4	2,160.92	3/4	1,797.55	3/4	1,435.01	3/4	1,077.84	3/4	724.87	3/4	364.29	3/4	52.03	3/4		3/4			3/4
5	2,153.35	5	1,789.98	5	1,427.62	5	1,070.51	5	717.49	5	356.70	5	50.83	5		5			5
1/4	2,145.78	1/4	1,782.41	1/4	1,420.22	1/4	1,063.18	1/4	710.11	1/4	349.10	1/4	49.64	1/4		1/4			1/4
1/2	2,138.21	1/2	1,774.84	1/2	1,412.82	1/2	1,055.84	1/2	702.73	1/2	341.51	1/2	48.44	1/2		1/2			1/2
3/4	2,130.64	3/4	1,767.27	3/4	1,405.43	3/4	1,048.51	3/4	695.35	3/4	333.92	3/4	47.24	3/4		3/4			3/4
6	2,123.07	6	1,759.70	6	1,398.02	6	1,041.18	6	687.97	6	326.33	6		6		6			6
1/4	2,115.50	1/4	1,752.13	1/4	1,390.61	1/4	1,033.84	1/4	680.59	1/4	318.74	1/4		1/4		1/4			1/4
1/2	2,107.93	1/2	1,744.56	1/2	1,383.20	1/2	1,026.51	1/2	673.21	1/2	311.15	1/2		1/2		1/2			1/2
3/4	2,100.36	3/4	1,736.99	3/4	1,375.79	3/4	1,019.18	3/4	665.83	3/4	303.56	3/4		3/4		3/4			3/4
7	2,092.79	7	1,729.42	7	1,368.38	7	1,011.84	7	658.45	7	295.97	7		7		7			7
1/4	2,085.22	1/4	1,721.85	1/4	1,360.97	1/4	1,004.51	1/4	651.07	1/4	288.38	1/4		1/4		1/4			1/4
1/2	2,077.65	1/2	1,714.28	1/2	1,353.56	1/2	997.18	1/2	643.69	1/2	280.78	1/2		1/2		1/2			1/2
3/4	2,070.08	3/4	1,706.71	3/4	1,346.15	3/4	989.84	3/4	636.31	3/4	273.19	3/4		3/4		3/4			3/4
8	2,062.51	8	1,699.14	8	1,338.74	8	982.51	8	628.93	8	265.60	8		8		8			8
1/4	2,054.94	1/4	1,691.56	1/4	1,331.33	1/4	975.18	1/4	621.54	1/4	258.01	1/4		1/4		1/4			1/4
1/2	2,047.37	1/2	1,683.99	1/2	1,323.92	1/2	967.84	1/2	614.16	1/2	250.42	1/2		1/2		1/2			1/2
3/4	2,039.80	3/4	1,676.42	3/4	1,316.51	3/4	960.51	3/4	606.78	3/4	242.83	3/4		3/4		3/4			3/4
9	2,032.23	9	1,668.85	9	1,309.11	9	953.17	9	599.30	9	235.24	9		9		9			9
1/4	2,024.66	1/4	1,661.28	1/4	1,301.71	1/4	945.82	1/4	591.81	1/4	227.65	1/4		1/4		1/4			1/4
1/2	2,017.09	1/2	1,653.71	1/2	1,294.31	1/2	938.48	1/2	584.32	1/2	220.06	1/2		1/2		1/2			1/2
3/4	2,009.52	3/4	1,646.14	3/4	1,286.91	3/4	931.14	3/4	576.84	3/4	212.46	3/4		3/4		3/4			3/4
10	2,001.95	10	1,638.57	10	1,279.43	10	923.79	10	569.25	10	204.87	10		10		10			10
1/4	1,994.38	1/4	1,631.00	1/4	1,271.96	1/4	916.43	1/4	561.66	1/4	197.28	1/4		1/4		1/4			1/4
1/2	1,986.81	1/2	1,623.43	1/2	1,264.48	1/2	909.08	1/2	554.06	1/2	189.69	1/2		1/2		1/2			1/2
3/4	1,979.24	3/4	1,615.86	3/4	1,257.01	3/4	901.73	3/4	546.47	3/4	182.10	3/4		3/4		3/4			3/4
11	1,971.67	11	1,608.30	11	1,249.45	11	894.38	11	538.88	11	174.51	11		11		11			11
1/4	1,964.10	1/4	1,600.74	1/4	1,241.90	1/4	887.03	1/4	531.29	1/4	166.92	1/4		1/4		1/4			1/4
1/2	1,956.53	1/2	1,593.19	1/2	1,234.34	1/2	879.68	1/2	523.70	1/2	159.33	1/2		1/2		1/2			1/2
3/4	1,948.96	3/4	1,585.63	3/4	1,226.79	3/4	872.33	3/4	516.11	3/4	151.74	3/4		3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2006 CL - SW
CALCULATED: 06/18/2006 CL
PRINTED: 06/18/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

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



BARGE "KIRBY 28076"

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		IN	
0	0	0	0	0	0	0	4,480.96	0	4,226.23	0	3,965.26	0	3,690.50	0	3,408.87	0	3,046.30	0	2,681.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,476.23	1/4	4,220.94	1/4	3,959.65	1/4	3,684.67	1/4	3,402.15	1/4	3,038.71	1/4	2,674.38		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,471.50	1/2	4,215.65	1/2	3,954.04	1/2	3,678.85	1/2	3,395.44	1/2	3,031.11	1/2	2,666.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,466.47	3/4	4,210.34	3/4	3,948.41	3/4	3,673.01	3/4	3,387.85	3/4	3,023.52	3/4	2,659.20		
1	1	1	1	1	1	1	4,461.43	1	4,205.04	1	3,942.79	1	3,667.18	1	3,380.26	1	3,015.93	1	2,651.61		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,456.40	1/4	4,199.73	1/4	3,937.16	1/4	3,661.35	1/4	3,372.67	1/4	3,008.34	1/4	2,644.02		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,451.36	1/2	4,194.42	1/2	3,931.53	1/2	3,655.52	1/2	3,365.08	1/2	3,000.75	1/2	2,636.43		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,445.70	3/4	4,189.10	3/4	3,925.88	3/4	3,649.69	3/4	3,357.49	3/4	2,993.16	3/4	2,628.84		
2	2	2	2	2	2	2	4,440.03	2	4,183.77	2	3,920.23	2	3,643.86	2	3,349.90	2	2,985.57	2	2,621.25		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,434.36	1/4	4,178.45	1/4	3,914.58	1/4	3,638.03	1/4	3,342.31	1/4	2,977.98	1/4	2,613.66		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,428.69	1/2	4,173.12	1/2	3,908.93	1/2	3,632.20	1/2	3,334.72	1/2	2,970.39	1/2	2,606.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,422.95	3/4	4,167.78	3/4	3,903.26	3/4	3,626.37	3/4	3,327.13	3/4	2,962.80	3/4	2,598.48		
3	3	3	3	3	3	3	4,417.20	3	4,162.43	3	3,897.60	3	3,620.54	3	3,319.54	3	2,955.21	3	2,590.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,411.45	1/4	4,157.09	1/4	3,891.93	1/4	3,614.71	1/4	3,311.95	1/4	2,947.62	1/4	2,583.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,405.71	1/2	4,151.74	1/2	3,886.26	1/2	3,608.88	1/2	3,304.36	1/2	2,940.03	1/2	2,575.71		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,400.11	3/4	4,146.38	3/4	3,880.58	3/4	3,603.05	3/4	3,296.77	3/4	2,932.44	3/4	2,568.12		
4	4	4	4	4	4	4	4,394.51	4	4,141.01	4	3,874.89	4	3,597.21	4	3,289.18	4	2,924.85	4	2,560.53		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,388.91	1/4	4,135.65	1/4	3,869.21	1/4	3,591.38	1/4	3,281.59	1/4	2,917.26	1/4	2,552.94		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,383.32	1/2	4,130.28	1/2	3,863.52	1/2	3,585.55	1/2	3,274.00	1/2	2,909.67	1/2	2,545.35		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,378.01	3/4	4,124.90	3/4	3,857.82	3/4	3,579.72	3/4	3,266.41	3/4	2,902.08	3/4	2,537.76		
5	5	5	5	5	5	5	4,372.71	5	4,119.51	5	3,852.12	5	3,573.89	5	3,258.82	5	2,894.49	5	2,530.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,367.40	1/4	4,114.13	1/4	3,846.41	1/4	3,568.06	1/4	3,251.23	1/4	2,886.90	1/4	2,522.58		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,362.10	1/2	4,108.74	1/2	3,840.71	1/2	3,562.23	1/2	3,243.64	1/2	2,879.31	1/2	2,514.99		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,356.93	3/4	4,103.34	3/4	3,834.98	3/4	3,556.40	3/4	3,236.05	3/4	2,871.72	3/4	2,507.40		
6	6	6	6	6	6	6	4,351.76	6	4,097.93	6	3,829.26	6	3,550.57	6	3,228.46	6	2,864.13	6	2,499.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,346.59	1/4	4,092.53	1/4	3,823.54	1/4	3,544.74	1/4	3,220.87	1/4	2,856.54	1/4	2,492.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,341.42	1/2	4,087.12	1/2	3,817.81	1/2	3,538.91	1/2	3,213.28	1/2	2,848.95	1/2	2,484.63		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,336.23	3/4	4,081.68	3/4	3,812.07	3/4	3,533.08	3/4	3,205.69	3/4	2,841.36	3/4	2,477.04		
7	7	7	7	7	7	7	4,331.03	7	4,076.23	7	3,806.33	7	3,527.24	7	3,198.10	7	2,833.77	7	2,469.45		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,325.84	1/4	4,070.79	1/4	3,800.58	1/4	3,521.41	1/4	3,190.51	1/4	2,826.18	1/4	2,461.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,320.65	1/2	4,065.34	1/2	3,794.84	1/2	3,515.58	1/2	3,182.92	1/2	2,818.59	1/2	2,454.27		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,315.44	3/4	4,059.83	3/4	3,789.08	3/4	3,509.75	3/4	3,175.33	3/4	2,811.00	3/4	2,446.68		
8	8	8	8	8	8	8	4,310.23	8	4,054.32	8	3,783.31	8	3,503.92	8	3,167.74	8	2,803.41	8	2,439.09		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,305.02	1/4	4,048.82	1/4	3,777.55	1/4	3,498.09	1/4	3,160.15	1/4	2,795.82	1/4	2,431.50		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,299.81	1/2	4,043.31	1/2	3,771.79	1/2	3,492.26	1/2	3,152.56	1/2	2,788.23	1/2	2,423.91		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,294.58	3/4	4,037.76	3/4	3,766.00	3/4	3,486.43	3/4	3,144.97	3/4	2,780.64	3/4	2,416.32		
9	9	9	9	9	9	9	4,289.35	9	4,032.21	9	3,760.22	9	3,480.60	9	3,137.38	9	2,773.05	9	2,408.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,284.12	1/4	4,026.66	1/4	3,754.44	1/4	3,474.77	1/4	3,129.79	1/4	2,765.46	1/4	2,401.14		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,278.89	1/2	4,021.11	1/2	3,748.65	1/2	3,468.94	1/2	3,122.20	1/2	2,757.87	1/2	2,393.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,273.64	3/4	4,015.54	3/4	3,742.85	3/4	3,463.11	3/4	3,114.61	3/4	2,750.28	3/4	2,385.96		
10	10	10	10	10	10	10	4,268.39	10	4,009.97	10	3,737.05	10	3,457.28	10	3,107.02	10	2,742.69	10	2,378.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,263.14	1/4	4,004.40	1/4	3,731.24	1/4	3,451.44	1/4	3,099.43	1/4	2,735.10	1/4	2,370.78		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,257.89	1/2	3,998.83	1/2	3,725.44	1/2	3,445.61	1/2	3,091.84	1/2	2,727.51	1/2	2,363.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,252.62	3/4	3,993.25	3/4	3,719.62	3/4	3,439.78	3/4	3,084.25	3/4	2,719.92	3/4	2,355.60		
11	11	11	11	11	11	11	4,247.35	11	3,987.66	11	3,713.80	11	3,433.95	11	3,076.66	11	2,712.33	11	2,348.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,242.08	1/4	3,982.07	1/4	3,707.98	1/4	3,428.12	1/4	3,069.07	1/4	2,704.74	1/4	2,340.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,236.81	1/2	3,976.48	1/2	3,702.16	1/2	3,422.29	1/2	3,061.48	1/2	2,697.15	1/2	2,332.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,231.52	3/4	3,970.87	3/4	3,696.33	3/4	3,416.58	3/4	3,053.89	3/4	2,689.56	3/4	2,325.24		

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NPMS 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 53'-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 28076"

3 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-05 1/2"

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

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	2,317.65	0	1,953.32	0	1,588.98	0	1,228.52	0	865.18	0	500.93	0	137.19	0		0			
1/4	2,310.06	1/4	1,945.73	1/4	1,581.39	1/4	1,220.93	1/4	857.62	1/4	493.34	1/4	129.91	1/4		1/4			
1/2	2,302.47	1/2	1,938.14	1/2	1,573.80	1/2	1,213.34	1/2	850.06	1/2	485.74	1/2	122.64	1/2		1/2			
3/4	2,294.88	3/4	1,930.55	3/4	1,566.21	3/4	1,205.75	3/4	842.48	3/4	478.15	3/4	116.31	3/4		3/4			
1	2,287.29	1	1,922.96	1	1,558.62	1	1,198.16	1	834.90	1	470.56	1	109.99	1		1			
1/4	2,279.70	1/4	1,915.36	1/4	1,551.03	1/4	1,190.57	1/4	827.32	1/4	462.97	1/4	103.66	1/4		1/4			
1/2	2,272.10	1/2	1,907.77	1/2	1,543.44	1/2	1,182.98	1/2	819.74	1/2	455.38	1/2	97.34	1/2		1/2			
3/4	2,264.51	3/4	1,900.18	3/4	1,535.85	3/4	1,175.38	3/4	812.15	3/4	447.79	3/4	92.28	3/4		3/4			
2	2,256.92	2	1,892.59	2	1,528.26	2	1,167.79	2	804.56	2	440.20	2	87.23	2		2			
1/4	2,249.33	1/4	1,885.00	1/4	1,520.67	1/4	1,160.20	1/4	796.97	1/4	432.61	1/4	82.18	1/4		1/4			
1/2	2,241.74	1/2	1,877.41	1/2	1,513.08	1/2	1,152.61	1/2	789.38	1/2	425.02	1/2	77.12	1/2		1/2			
3/4	2,234.15	3/4	1,869.82	3/4	1,505.49	3/4	1,145.03	3/4	781.79	3/4	417.42	3/4	73.34	3/4		3/4			
3	2,226.56	3	1,862.23	3	1,497.90	3	1,137.45	3	774.20	3	409.83	3	69.57	3		3			
1/4	2,218.97	1/4	1,854.64	1/4	1,490.31	1/4	1,129.88	1/4	766.61	1/4	402.24	1/4	65.79	1/4		1/4			
1/2	2,211.38	1/2	1,847.05	1/2	1,482.72	1/2	1,122.30	1/2	759.02	1/2	394.65	1/2	62.01	1/2		1/2			
3/4	2,203.79	3/4	1,839.46	3/4	1,475.21	3/4	1,114.73	3/4	751.43	3/4	387.06	3/4	59.51	3/4		3/4			
4	2,196.20	4	1,831.87	4	1,467.70	4	1,107.17	4	743.84	4	379.47	4	57.02	4		4			
1/4	2,188.61	1/4	1,824.28	1/4	1,460.19	1/4	1,099.61	1/4	736.25	1/4	371.88	1/4	54.53	1/4		1/4			
1/2	2,181.02	1/2	1,816.69	1/2	1,452.68	1/2	1,092.04	1/2	728.66	1/2	364.29	1/2	52.03	1/2		1/2			
3/4	2,173.43	3/4	1,809.10	3/4	1,445.25	3/4	1,084.48	3/4	721.06	3/4	356.70	3/4	50.83	3/4		3/4			
5	2,165.84	5	1,801.51	5	1,437.82	5	1,076.92	5	713.47	5	349.10	5	49.64	5		5			
1/4	2,158.25	1/4	1,793.92	1/4	1,430.40	1/4	1,069.36	1/4	705.88	1/4	341.51	1/4	48.44	1/4		1/4			
1/2	2,150.66	1/2	1,786.33	1/2	1,422.97	1/2	1,061.80	1/2	698.29	1/2	333.92	1/2	47.24	1/2		1/2			
3/4	2,143.07	3/4	1,778.74	3/4	1,415.54	3/4	1,054.23	3/4	690.70	3/4	326.33	3/4		3/4		3/4			
6	2,135.48	6	1,771.15	6	1,408.11	6	1,046.67	6	683.11	6	318.74	6		6		6			
1/4	2,127.89	1/4	1,763.56	1/4	1,400.68	1/4	1,039.11	1/4	675.52	1/4	311.15	1/4		1/4		1/4			
1/2	2,120.30	1/2	1,755.97	1/2	1,393.25	1/2	1,031.55	1/2	667.93	1/2	303.56	1/2		1/2		1/2			
3/4	2,112.71	3/4	1,748.38	3/4	1,385.82	3/4	1,023.99	3/4	660.34	3/4	295.97	3/4		3/4		3/4			
7	2,105.12	7	1,740.79	7	1,378.40	7	1,016.42	7	652.75	7	288.38	7		7		7			
1/4	2,097.53	1/4	1,733.20	1/4	1,370.97	1/4	1,008.86	1/4	645.16	1/4	280.78	1/4		1/4		1/4			
1/2	2,089.94	1/2	1,725.61	1/2	1,363.54	1/2	1,001.30	1/2	637.57	1/2	273.19	1/2		1/2		1/2			
3/4	2,082.35	3/4	1,718.02	3/4	1,356.11	3/4	993.74	3/4	629.98	3/4	265.60	3/4		3/4		3/4			
8	2,074.76	8	1,710.43	8	1,348.68	8	986.18	8	622.39	8	258.01	8		8		8			
1/4	2,067.17	1/4	1,702.84	1/4	1,341.25	1/4	978.62	1/4	614.79	1/4	250.42	1/4		1/4		1/4			
1/2	2,059.58	1/2	1,695.25	1/2	1,333.82	1/2	971.05	1/2	607.20	1/2	242.83	1/2		1/2		1/2			
3/4	2,051.99	3/4	1,687.66	3/4	1,326.40	3/4	963.49	3/4	599.61	3/4	235.24	3/4		3/4		3/4			
9	2,044.40	9	1,680.07	9	1,318.97	9	955.93	9	592.02	9	227.65	9		9		9			
1/4	2,036.81	1/4	1,672.48	1/4	1,311.54	1/4	948.37	1/4	584.43	1/4	220.06	1/4		1/4		1/4			
1/2	2,029.22	1/2	1,664.88	1/2	1,304.11	1/2	940.81	1/2	576.84	1/2	212.46	1/2		1/2		1/2			
3/4	2,021.63	3/4	1,657.29	3/4	1,296.60	3/4	933.24	3/4	569.25	3/4	204.87	3/4		3/4		3/4			
10	2,014.04	10	1,649.70	10	1,289.09	10	925.68	10	561.66	10	197.28	10		10		10			
1/4	2,006.45	1/4	1,642.11	1/4	1,281.58	1/4	918.12	1/4	554.06	1/4	189.69	1/4		1/4		1/4			
1/2	1,998.86	1/2	1,634.52	1/2	1,274.07	1/2	910.56	1/2	546.47	1/2	182.10	1/2		1/2		1/2			
3/4	1,991.27	3/4	1,626.93	3/4	1,266.48	3/4	903.00	3/4	538.88	3/4	174.51	3/4		3/4		3/4			
11	1,983.68	11	1,619.34	11	1,258.89	11	895.44	11	531.29	11	166.92	11		11		11			
1/4	1,976.09	1/4	1,611.75	1/4	1,251.29	1/4	887.87	1/4	523.70	1/4	159.33	1/4		1/4		1/4			
1/2	1,968.50	1/2	1,604.16	1/2	1,243.70	1/2	880.31	1/2	516.11	1/2	151.74	1/2		1/2		1/2			
3/4	1,960.91	3/4	1,596.57	3/4	1,236.11	3/4	872.75	3/4	508.52	3/4	144.46	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2006 CL - SW
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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

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