



BARGE "KIRBY 28056"

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	- 00-5/8	00-5/8	- 00-3/4	00-3/4
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	- 00-5/8	00-5/8	- 00-3/4	00-3/4
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 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	- 00-5/8	00-5/8
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'-00"

October 7, 2007

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

<http://www.pmacorp.net>



BARGE "KIRBY 28056"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05"

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	4,210.87	0	3,922.18	0	3,619.20	0	3,302.30	0	2,973.09	0	2,641.69	0	2,310.26		
1/4		1/4		1/4		1/4	4,204.96	1/4	3,916.03	1/4	3,612.73	1/4	3,295.55	1/4	2,966.18	1/4	2,634.78	1/4	2,303.35		
1/2		1/2		1/2		1/2	4,199.05	1/2	3,909.87	1/2	3,606.26	1/2	3,288.79	1/2	2,959.28	1/2	2,627.88	1/2	2,296.45		
3/4		3/4		3/4		3/4	4,193.14	3/4	3,903.71	3/4	3,599.78	3/4	3,282.04	3/4	2,952.38	3/4	2,620.97	3/4	2,289.54		
1		1		1		1	4,187.23	1	3,897.56	1	3,593.31	1	3,275.28	1	2,945.47	1	2,614.07	1	2,282.64		
1/4		1/4		1/4		1/4	4,181.30	1/4	3,891.38	1/4	3,586.81	1/4	3,268.50	1/4	2,938.57	1/4	2,607.17	1/4	2,275.73		
1/2		1/2		1/2		1/2	4,175.36	1/2	3,885.19	1/2	3,580.32	1/2	3,261.72	1/2	2,931.66	1/2	2,600.26	1/2	2,268.82		
3/4		3/4		3/4		3/4	4,169.43	3/4	3,879.01	3/4	3,573.82	3/4	3,254.93	3/4	2,924.76	3/4	2,593.36	3/4	2,261.92		
2		2		2		2	4,163.50	2	3,872.83	2	3,567.32	2	3,248.15	2	2,917.86	2	2,586.45	2	2,255.01		
1/4		1/4		1/4		1/4	4,157.54	1/4	3,866.63	1/4	3,560.81	1/4	3,241.35	1/4	2,910.95	1/4	2,579.55	1/4	2,248.11		
1/2		1/2		1/2		1/2	4,151.58	1/2	3,860.42	1/2	3,554.29	1/2	3,234.54	1/2	2,904.05	1/2	2,572.65	1/2	2,241.20		
3/4		3/4		3/4		3/4	4,145.62	3/4	3,854.22	3/4	3,547.77	3/4	3,227.74	3/4	2,897.14	3/4	2,565.74	3/4	2,234.30		
3		3		3		3	4,139.66	3	3,848.01	3	3,541.25	3	3,220.94	3	2,890.24	3	2,558.84	3	2,227.39		
1/4		1/4		1/4		1/4	4,133.71	1/4	3,841.75	1/4	3,534.71	1/4	3,214.12	1/4	2,883.33	1/4	2,551.93	1/4	2,220.49		
1/2		1/2		1/2		1/2	4,127.76	1/2	3,835.50	1/2	3,528.17	1/2	3,207.29	1/2	2,876.43	1/2	2,545.03	1/2	2,213.58		
3/4		3/4		3/4		3/4	4,121.82	3/4	3,829.24	3/4	3,521.62	3/4	3,200.47	3/4	2,869.53	3/4	2,538.12	3/4	2,206.67		
4		4		4		4	4,115.87	4	3,822.98	4	3,515.08	4	3,193.65	4	2,862.62	4	2,531.22	4	2,199.77		
1/4		1/4		1/4		1/4	4,109.90	1/4	3,816.69	1/4	3,508.51	1/4	3,186.79	1/4	2,855.72	1/4	2,524.32	1/4	2,192.86		
1/2		1/2		1/2		1/2	4,103.93	1/2	3,810.40	1/2	3,501.95	1/2	3,179.94	1/2	2,848.81	1/2	2,517.41	1/2	2,185.96		
3/4		3/4		3/4		3/4	4,097.96	3/4	3,804.12	3/4	3,495.38	3/4	3,173.09	3/4	2,841.91	3/4	2,510.51	3/4	2,179.05		
5		5		5		5	4,092.00	5	3,797.83	5	3,488.82	5	3,166.24	5	2,835.01	5	2,503.60	5	2,172.15		
1/4		1/4		1/4		1/4	4,086.00	1/4	3,791.52	1/4	3,482.22	1/4	3,159.36	1/4	2,828.10	1/4	2,496.70	1/4	2,165.24		
1/2		1/2		1/2		1/2	4,080.01	1/2	3,785.22	1/2	3,475.63	1/2	3,152.49	1/2	2,821.20	1/2	2,489.80	1/2	2,158.33		
3/4		3/4		3/4		3/4	4,074.01	3/4	3,778.91	3/4	3,469.03	3/4	3,145.62	3/4	2,814.29	3/4	2,482.89	3/4	2,151.43		
6		6		6		6	4,068.02	6	3,772.60	6	3,462.44	6	3,138.75	6	2,807.39	6	2,475.99	6	2,144.52		
1/4		1/4		1/4		1/4	4,360.47	1/4	4,062.00	1/4	3,766.26	1/4	3,455.82	1/4	3,131.85	1/4	2,800.48	1/4	2,469.08	1/4	2,137.62
1/2		1/2		1/2		1/2	4,355.29	1/2	4,055.98	1/2	3,759.93	1/2	3,449.21	1/2	3,124.96	1/2	2,793.58	1/2	2,462.18	1/2	2,130.71
3/4		3/4		3/4		3/4	4,350.11	3/4	4,049.97	3/4	3,753.59	3/4	3,442.60	3/4	3,118.07	3/4	2,786.68	3/4	2,455.27	3/4	2,123.81
7		7		7		7	4,344.93	7	4,043.95	7	3,747.25	7	3,435.98	7	3,111.17	7	2,779.77	7	2,448.37	7	2,116.90
1/4		1/4		1/4		1/4	4,338.02	1/4	4,037.90	1/4	3,740.90	1/4	3,429.35	1/4	3,104.27	1/4	2,772.87	1/4	2,441.46	1/4	2,110.00
1/2		1/2		1/2		1/2	4,331.11	1/2	4,031.86	1/2	3,734.54	1/2	3,422.71	1/2	3,097.36	1/2	2,765.96	1/2	2,434.56	1/2	2,103.09
3/4		3/4		3/4		3/4	4,324.21	3/4	4,025.81	3/4	3,728.19	3/4	3,416.07	3/4	3,090.46	3/4	2,759.06	3/4	2,427.65	3/4	2,096.18
8		8		8		8	4,317.30	8	4,019.77	8	3,721.83	8	3,409.44	8	3,083.56	8	2,752.15	8	2,420.75	8	2,089.28
1/4		1/4		1/4		1/4	4,310.40	1/4	4,013.71	1/4	3,715.45	1/4	3,402.78	1/4	3,076.65	1/4	2,745.25	1/4	2,413.84	1/4	2,082.37
1/2		1/2		1/2		1/2	4,303.49	1/2	4,007.64	1/2	3,709.08	1/2	3,396.11	1/2	3,069.75	1/2	2,738.35	1/2	2,406.94	1/2	2,075.47
3/4		3/4		3/4		3/4	4,296.59	3/4	4,001.58	3/4	3,702.70	3/4	3,389.45	3/4	3,062.84	3/4	2,731.44	3/4	2,400.03	3/4	2,068.56
9		9		9		9	4,289.68	9	3,995.51	9	3,696.32	9	3,382.78	9	3,055.94	9	2,724.54	9	2,393.13	9	2,061.66
1/4		1/4		1/4		1/4	4,282.78	1/4	3,989.43	1/4	3,689.91	1/4	3,376.10	1/4	3,049.04	1/4	2,717.63	1/4	2,386.22	1/4	2,054.75
1/2		1/2		1/2		1/2	4,275.87	1/2	3,983.34	1/2	3,683.51	1/2	3,369.42	1/2	3,042.13	1/2	2,710.73	1/2	2,379.31	1/2	2,047.85
3/4		3/4		3/4		3/4	4,268.96	3/4	3,977.26	3/4	3,677.10	3/4	3,362.73	3/4	3,035.23	3/4	2,703.83	3/4	2,372.41	3/4	2,040.94
10		10		10		10	4,262.06	10	3,971.17	10	3,670.70	10	3,356.05	10	3,028.32	10	2,696.92	10	2,365.50	10	2,034.03
1/4		1/4		1/4		1/4	4,255.15	1/4	3,965.06	1/4	3,664.27	1/4	3,349.34	1/4	3,021.42	1/4	2,690.02	1/4	2,358.60	1/4	2,027.13
1/2		1/2		1/2		1/2	4,248.25	1/2	3,958.94	1/2	3,657.85	1/2	3,342.64	1/2	3,014.51	1/2	2,683.11	1/2	2,351.69	1/2	2,020.22
3/4		3/4		3/4		3/4	4,241.34	3/4	3,952.83	3/4	3,651.42	3/4	3,335.93	3/4	3,007.61	3/4	2,676.21	3/4	2,344.79	3/4	2,013.32
11		11		11		11	4,234.44	11	3,946.72	11	3,644.99	11	3,329.23	11	3,000.71	11	2,669.30	11	2,337.88	11	2,006.41
1/4		1/4		1/4		1/4	4,228.55	1/4	3,940.58	1/4	3,638.55	1/4	3,322.50	1/4	2,993.80	1/4	2,662.40	1/4	2,330.97	1/4	1,999.51
1/2		1/2		1/2		1/2	4,222.66	1/2	3,934.45	1/2	3,632.10	1/2	3,315.76	1/2	2,986.90	1/2	2,655.50	1/2	2,324.07	1/2	1,992.60
3/4		3/4		3/4		3/4	4,216.76	3/4	3,928.32	3/4	3,625.65	3/4	3,309.03	3/4	2,979.99	3/4	2,648.59	3/4	2,317.16	3/4	1,985.69

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'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28056"

1 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	1,978.79	0	1,647.32	0	1,315.85	0	984.72	0	668.44	0	375.24	0	105.64	0		0		0	
1/4	1,971.88	1/4	1,640.41	1/4	1,308.95	1/4	977.89	1/4	662.10	1/4	369.40	1/4	100.29	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,964.98	1/2	1,633.51	1/2	1,302.04	1/2	971.07	1/2	655.77	1/2	363.55	1/2	94.94	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,958.07	3/4	1,626.60	3/4	1,295.13	3/4	964.25	3/4	649.43	3/4	357.71	3/4	89.59	3/4	3/4	3/4	3/4	3/4	3/4
1	1,951.17	1	1,619.70	1	1,288.23	1	957.42	1	643.10	1	351.87	1	84.24	1		1		1	
1/4	1,944.26	1/4	1,612.79	1/4	1,281.32	1/4	950.65	1/4	636.81	1/4	346.07	1/4	78.93	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,937.36	1/2	1,605.89	1/2	1,274.42	1/2	943.89	1/2	630.51	1/2	340.27	1/2	73.63	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,930.45	3/4	1,598.98	3/4	1,267.51	3/4	937.12	3/4	624.22	3/4	334.47	3/4	68.32	3/4	3/4	3/4	3/4	3/4	3/4
2	1,923.54	2	1,592.08	2	1,260.61	2	930.35	2	617.93	2	328.67	2	63.02	2		2		2	
1/4	1,916.64	1/4	1,585.17	1/4	1,253.70	1/4	923.62	1/4	611.68	1/4	322.91	1/4	57.75	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,909.73	1/2	1,578.26	1/2	1,246.80	1/2	916.89	1/2	605.43	1/2	317.15	1/2	52.48	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,902.83	3/4	1,571.36	3/4	1,239.89	3/4	910.17	3/4	599.17	3/4	311.38	3/4	47.22	3/4	3/4	3/4	3/4	3/4	3/4
3	1,895.92	3	1,564.45	3	1,232.98	3	903.44	3	592.92	3	305.62	3	41.95	3		3		3	
1/4	1,889.02	1/4	1,557.55	1/4	1,226.08	1/4	896.75	1/4	586.71	1/4	299.90	1/4	37.59	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,882.11	1/2	1,550.64	1/2	1,219.17	1/2	890.07	1/2	580.50	1/2	294.19	1/2	33.23	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,875.21	3/4	1,543.74	3/4	1,212.27	3/4	883.38	3/4	574.29	3/4	288.47	3/4	28.87	3/4	3/4	3/4	3/4	3/4	3/4
4	1,868.30	4	1,536.83	4	1,205.36	4	876.69	4	568.08	4	282.75	4	24.51	4		4		4	
1/4	1,861.39	1/4	1,529.93	1/4	1,198.46	1/4	870.05	1/4	561.91	1/4	277.07	1/4	21.92	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,854.49	1/2	1,523.02	1/2	1,191.55	1/2	863.40	1/2	555.74	1/2	271.39	1/2	19.32	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,847.58	3/4	1,516.11	3/4	1,184.65	3/4	856.76	3/4	549.57	3/4	265.71	3/4	16.73	3/4	3/4	3/4	3/4	3/4	3/4
5	1,840.68	5	1,509.21	5	1,177.74	5	850.11	5	543.40	5	260.03	5	14.13	5		5		5	
1/4	1,833.77	1/4	1,502.30	1/4	1,170.83	1/4	843.51	1/4	537.27	1/4	254.40	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,826.87	1/2	1,495.40	1/2	1,163.93	1/2	836.90	1/2	531.14	1/2	248.76	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,819.96	3/4	1,488.49	3/4	1,157.02	3/4	830.30	3/4	525.01	3/4	243.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,813.05	6	1,481.59	6	1,150.12	6	823.69	6	518.89	6	237.49	6	6	6		6		6	
1/4	1,806.15	1/4	1,474.68	1/4	1,143.21	1/4	817.13	1/4	512.80	1/4	231.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,799.24	1/2	1,467.77	1/2	1,136.31	1/2	810.57	1/2	506.71	1/2	226.29	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,792.34	3/4	1,460.87	3/4	1,129.40	3/4	804.00	3/4	500.62	3/4	220.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,785.43	7	1,453.96	7	1,122.49	7	797.44	7	494.53	7	215.10	7	7	7		7		7	
1/4	1,778.53	1/4	1,447.06	1/4	1,115.59	1/4	790.91	1/4	488.49	1/4	209.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,771.62	1/2	1,440.15	1/2	1,108.68	1/2	784.39	1/2	482.44	1/2	203.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,764.72	3/4	1,433.25	3/4	1,101.78	3/4	777.87	3/4	476.39	3/4	198.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,757.81	8	1,426.34	8	1,094.87	8	771.35	8	470.35	8	192.89	8	8	8		8		8	
1/4	1,750.90	1/4	1,419.44	1/4	1,087.97	1/4	764.87	1/4	464.34	1/4	187.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,744.00	1/2	1,412.53	1/2	1,081.06	1/2	758.38	1/2	458.34	1/2	181.85	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,737.09	3/4	1,405.62	3/4	1,074.16	3/4	751.90	3/4	452.33	3/4	176.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,730.19	9	1,398.72	9	1,067.25	9	745.42	9	446.32	9	170.82	9	9	9		9		9	
1/4	1,723.28	1/4	1,391.81	1/4	1,060.36	1/4	738.96	1/4	440.36	1/4	165.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,716.38	1/2	1,384.91	1/2	1,053.46	1/2	732.51	1/2	434.39	1/2	159.88	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,709.47	3/4	1,378.00	3/4	1,046.56	3/4	726.05	3/4	428.43	3/4	154.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,702.57	10	1,371.10	10	1,039.67	10	719.60	10	422.47	10	148.93	10	10	10		10		10	
1/4	1,695.66	1/4	1,364.19	1/4	1,032.79	1/4	713.18	1/4	416.54	1/4	143.50	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,688.75	1/2	1,357.29	1/2	1,025.91	1/2	706.76	1/2	410.62	1/2	138.06	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,681.85	3/4	1,350.38	3/4	1,019.03	3/4	700.35	3/4	404.69	3/4	132.63	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,674.94	11	1,343.47	11	1,012.15	11	693.93	11	398.77	11	127.19	11	11	11		11		11	
1/4	1,668.04	1/4	1,336.57	1/4	1,005.29	1/4	687.56	1/4	392.88	1/4	121.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,661.13	1/2	1,329.66	1/2	998.43	1/2	681.18	1/2	387.00	1/2	116.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,654.23	3/4	1,322.76	3/4	991.58	3/4	674.81	3/4	381.12	3/4	111.03	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/05/2007 CL - SW
CALCULATED: 10/07/2007 CL
PRINTED: 10/07/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2007

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



BARGE "KIRBY 28056"

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	1,983.38	0	1,652.01	0	1,320.63	0	989.63	0	674.62	0	381.01	0	110.99	0		0		0	
1/4	1,976.48	1/4	1,645.10	1/4	1,313.72	1/4	982.80	1/4	668.25	1/4	375.13	1/4	105.61	1/4		1/4		1/4	
1/2	1,969.58	1/2	1,638.20	1/2	1,306.82	1/2	976.01	1/2	661.91	1/2	369.29	1/2	100.26	1/2		1/2		1/2	
3/4	1,962.67	3/4	1,631.30	3/4	1,299.92	3/4	969.23	3/4	655.58	3/4	363.45	3/4	94.91	3/4		3/4		3/4	
1	1,955.77	1	1,624.39	1	1,293.01	1	962.44	1	649.25	1	357.61	1	89.56	1		1		1	
1/4	1,948.87	1/4	1,617.49	1/4	1,286.11	1/4	955.66	1/4	642.92	1/4	351.77	1/4	84.21	1/4		1/4		1/4	
1/2	1,941.96	1/2	1,610.58	1/2	1,279.21	1/2	948.93	1/2	636.63	1/2	345.97	1/2	78.91	1/2		1/2		1/2	
3/4	1,935.06	3/4	1,603.68	3/4	1,272.30	3/4	942.20	3/4	630.34	3/4	340.17	3/4	73.61	3/4		3/4		3/4	
2	1,928.15	2	1,596.78	2	1,265.40	2	935.47	2	624.04	2	334.37	2	68.30	2		2		2	
1/4	1,921.25	1/4	1,589.87	1/4	1,258.50	1/4	928.75	1/4	617.75	1/4	328.57	1/4	63.00	1/4		1/4		1/4	
1/2	1,914.35	1/2	1,582.97	1/2	1,251.59	1/2	922.06	1/2	611.50	1/2	322.81	1/2	57.73	1/2		1/2		1/2	
3/4	1,907.44	3/4	1,576.07	3/4	1,244.69	3/4	915.37	3/4	605.25	3/4	317.05	3/4	52.47	3/4		3/4		3/4	
3	1,900.54	3	1,569.16	3	1,237.78	3	908.68	3	599.00	3	311.30	3	47.20	3		3		3	
1/4	1,893.64	1/4	1,562.26	1/4	1,230.88	1/4	902.00	1/4	592.75	1/4	305.54	1/4	41.94	1/4		1/4		1/4	
1/2	1,886.73	1/2	1,555.35	1/2	1,223.98	1/2	895.35	1/2	586.54	1/2	299.82	1/2	37.58	1/2		1/2		1/2	
3/4	1,879.83	3/4	1,548.45	3/4	1,217.07	3/4	888.70	3/4	580.34	3/4	294.10	3/4	33.22	3/4		3/4		3/4	
4	1,872.92	4	1,541.55	4	1,210.17	4	882.06	4	574.13	4	288.39	4	28.86	4		4		4	
1/4	1,866.02	1/4	1,534.64	1/4	1,203.27	1/4	875.41	1/4	567.92	1/4	282.67	1/4	24.50	1/4		1/4		1/4	
1/2	1,859.12	1/2	1,527.74	1/2	1,196.36	1/2	868.81	1/2	561.75	1/2	276.99	1/2	21.91	1/2		1/2		1/2	
3/4	1,852.21	3/4	1,520.84	3/4	1,189.46	3/4	862.20	3/4	555.58	3/4	271.31	3/4	19.32	3/4		3/4		3/4	
5	1,845.31	5	1,513.93	5	1,182.55	5	855.60	5	549.41	5	265.64	5	16.72	5		5		5	
1/4	1,838.41	1/4	1,507.03	1/4	1,175.65	1/4	848.99	1/4	543.24	1/4	259.96	1/4	14.13	1/4		1/4		1/4	
1/2	1,831.50	1/2	1,500.12	1/2	1,168.75	1/2	842.43	1/2	537.12	1/2	254.33	1/2		1/2		1/2		1/2	
3/4	1,824.60	3/4	1,493.22	3/4	1,161.84	3/4	835.86	3/4	530.99	3/4	248.69	3/4		3/4		3/4		3/4	
6	1,817.69	6	1,486.32	6	1,154.94	6	829.30	6	524.87	6	243.06	6		6		6		6	
1/4	1,810.79	1/4	1,479.41	1/4	1,148.04	1/4	822.74	1/4	518.74	1/4	237.42	1/4		1/4		1/4		1/4	
1/2	1,803.89	1/2	1,472.51	1/2	1,141.13	1/2	816.21	1/2	512.65	1/2	231.83	1/2		1/2		1/2		1/2	
3/4	1,796.98	3/4	1,465.61	3/4	1,134.23	3/4	809.69	3/4	506.57	3/4	226.23	3/4		3/4		3/4		3/4	
7	1,790.08	7	1,458.70	7	1,127.32	7	803.17	7	500.48	7	220.63	7		7		7		7	
1/4	1,783.18	1/4	1,451.80	1/4	1,120.42	1/4	796.64	1/4	494.39	1/4	215.04	1/4		1/4		1/4		1/4	
1/2	1,776.27	1/2	1,444.90	1/2	1,113.52	1/2	790.16	1/2	488.35	1/2	209.48	1/2		1/2		1/2		1/2	
3/4	1,769.37	3/4	1,437.99	3/4	1,106.61	3/4	783.68	3/4	482.30	3/4	203.93	3/4		3/4		3/4		3/4	
8	1,762.47	8	1,431.09	8	1,099.71	8	777.20	8	476.26	8	198.38	8		8		8		8	
1/4	1,755.56	1/4	1,424.18	1/4	1,092.81	1/4	770.71	1/4	470.22	1/4	192.83	1/4		1/4		1/4		1/4	
1/2	1,748.66	1/2	1,417.28	1/2	1,085.90	1/2	764.27	1/2	464.21	1/2	187.31	1/2		1/2		1/2		1/2	
3/4	1,741.75	3/4	1,410.38	3/4	1,079.00	3/4	757.83	3/4	458.21	3/4	181.80	3/4		3/4		3/4		3/4	
9	1,734.85	9	1,403.47	9	1,072.10	9	751.39	9	452.20	9	176.28	9		9		9		9	
1/4	1,727.95	1/4	1,396.57	1/4	1,065.20	1/4	744.95	1/4	446.20	1/4	170.77	1/4		1/4		1/4		1/4	
1/2	1,721.04	1/2	1,389.67	1/2	1,058.30	1/2	738.53	1/2	440.23	1/2	165.30	1/2		1/2		1/2		1/2	
3/4	1,714.14	3/4	1,382.76	3/4	1,051.41	3/4	732.11	3/4	434.27	3/4	159.83	3/4		3/4		3/4		3/4	
10	1,707.24	10	1,375.86	10	1,044.51	10	725.69	10	428.31	10	154.36	10		10		10		10	
1/4	1,700.33	1/4	1,368.95	1/4	1,037.62	1/4	719.27	1/4	422.35	1/4	148.89	1/4		1/4		1/4		1/4	
1/2	1,693.43	1/2	1,362.05	1/2	1,030.74	1/2	712.89	1/2	416.42	1/2	143.46	1/2		1/2		1/2		1/2	
3/4	1,686.52	3/4	1,355.15	3/4	1,023.86	3/4	706.50	3/4	410.50	3/4	138.02	3/4		3/4		3/4		3/4	
11	1,679.62	11	1,348.24	11	1,016.98	11	700.12	11	404.58	11	132.59	11		11		11		11	
1/4	1,672.72	1/4	1,341.34	1/4	1,010.10	1/4	693.73	1/4	398.65	1/4	127.15	1/4		1/4		1/4		1/4	
1/2	1,665.81	1/2	1,334.44	1/2	1,003.28	1/2	687.36	1/2	392.77	1/2	121.77	1/2		1/2		1/2		1/2	
3/4	1,658.91	3/4	1,327.53	3/4	996.45	3/4	680.99	3/4	386.89	3/4	116.38	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/05/2007 CL - SW
CALCULATED: 10/07/2007 CL
PRINTED: 10/07/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2007

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



BARGE "KIRBY 28056"

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,270.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,264.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7	5,258.86	7		7		7		7		7		7		7	
1/4		1/4		1/4	5,250.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,242.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,234.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8	5,226.51	8		8		8		8		8		8		8	
1/4		1/4		1/4	5,218.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,210.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,202.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9	5,194.16	9		9		9		9		9		9		9	
1/4		1/4		1/4	5,186.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,177.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,169.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10	5,161.81	10		10		10		10		10		10		10	
1/4		1/4		1/4	5,153.72	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,145.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,137.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11	5,129.46	11		11		11		11		11		11		11	
1/4		1/4		1/4	5,122.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,115.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,108.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28056"

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	2,489.45	0	2,101.25	0	1,713.04	0	1,324.84	0	936.63	0	549.30	0	161.51	0		0		0	
1/4	2,481.37	1/4	2,093.16	1/4	1,704.96	1/4	1,316.75	1/4	928.55	1/4	541.22	1/4	153.43	1/4	1/4	1/4		1/4	1/4
1/2	2,473.28	1/2	2,085.07	1/2	1,696.87	1/2	1,308.66	1/2	920.46	1/2	533.14	1/2	145.35	1/2	1/2	1/2		1/2	1/2
3/4	2,465.19	3/4	2,076.99	3/4	1,688.78	3/4	1,300.58	3/4	912.37	3/4	525.06	3/4	137.28	3/4	3/4	3/4		3/4	3/4
1	2,457.10	1	2,068.90	1	1,680.69	1	1,292.49	1	904.28	1	516.98	1	129.20	1		1		1	1
1/4	2,449.02	1/4	2,060.81	1/4	1,672.61	1/4	1,284.40	1/4	896.21	1/4	508.90	1/4	121.12	1/4	1/4	1/4		1/4	1/4
1/2	2,440.93	1/2	2,052.72	1/2	1,664.52	1/2	1,276.31	1/2	888.13	1/2	500.83	1/2	113.04	1/2	1/2	1/2		1/2	1/2
3/4	2,432.84	3/4	2,044.64	3/4	1,656.43	3/4	1,268.23	3/4	880.06	3/4	492.75	3/4	104.96	3/4	3/4	3/4		3/4	3/4
2	2,424.75	2	2,036.55	2	1,648.34	2	1,260.14	2	871.98	2	484.67	2	96.88	2		2		2	2
1/4	2,416.66	1/4	2,028.46	1/4	1,640.26	1/4	1,252.05	1/4	863.92	1/4	476.59	1/4	88.80	1/4	1/4	1/4		1/4	1/4
1/2	2,408.58	1/2	2,020.37	1/2	1,632.17	1/2	1,243.96	1/2	855.86	1/2	468.51	1/2	80.72	1/2	1/2	1/2		1/2	1/2
3/4	2,400.49	3/4	2,012.28	3/4	1,624.08	3/4	1,235.88	3/4	847.79	3/4	460.43	3/4	72.64	3/4	3/4	3/4		3/4	3/4
3	2,392.40	3	2,004.20	3	1,615.99	3	1,227.79	3	839.73	3	452.35	3	64.56	3		3		3	3
1/4	2,384.31	1/4	1,996.11	1/4	1,607.90	1/4	1,219.70	1/4	831.67	1/4	444.27	1/4	57.50	1/4	1/4	1/4		1/4	1/4
1/2	2,376.23	1/2	1,988.02	1/2	1,599.82	1/2	1,211.61	1/2	823.60	1/2	436.19	1/2	50.43	1/2	1/2	1/2		1/2	1/2
3/4	2,368.14	3/4	1,979.93	3/4	1,591.73	3/4	1,203.52	3/4	815.54	3/4	428.12	3/4	43.36	3/4	3/4	3/4		3/4	3/4
4	2,360.05	4	1,971.85	4	1,583.64	4	1,195.44	4	807.48	4	420.04	4	36.29	4		4		4	4
1/4	2,351.96	1/4	1,963.76	1/4	1,575.55	1/4	1,187.35	1/4	799.41	1/4	411.96	1/4	31.24	1/4	1/4	1/4		1/4	1/4
1/2	2,343.88	1/2	1,955.67	1/2	1,567.47	1/2	1,179.26	1/2	791.35	1/2	403.88	1/2	26.20	1/2	1/2	1/2		1/2	1/2
3/4	2,335.79	3/4	1,947.58	3/4	1,559.38	3/4	1,171.17	3/4	783.29	3/4	395.80	3/4	21.15	3/4	3/4	3/4		3/4	3/4
5	2,327.70	5	1,939.50	5	1,551.29	5	1,163.09	5	775.22	5	387.72	5	16.10	5		5		5	5
1/4	2,319.61	1/4	1,931.41	1/4	1,543.20	1/4	1,155.00	1/4	767.16	1/4	379.64	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,311.53	1/2	1,923.32	1/2	1,535.12	1/2	1,146.91	1/2	759.10	1/2	371.56	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,303.44	3/4	1,915.23	3/4	1,527.03	3/4	1,138.82	3/4	751.03	3/4	363.48	3/4		3/4	3/4	3/4		3/4	3/4
6	2,295.35	6	1,907.15	6	1,518.94	6	1,130.74	6	742.97	6	355.41	6	6	6		6		6	6
1/4	2,287.26	1/4	1,899.06	1/4	1,510.85	1/4	1,122.65	1/4	734.91	1/4	347.33	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,279.18	1/2	1,890.97	1/2	1,502.77	1/2	1,114.56	1/2	726.85	1/2	339.25	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,271.09	3/4	1,882.88	3/4	1,494.68	3/4	1,106.47	3/4	718.78	3/4	331.17	3/4		3/4	3/4	3/4		3/4	3/4
7	2,263.00	7	1,874.80	7	1,486.59	7	1,098.39	7	710.72	7	323.09	7	7	7		7		7	7
1/4	2,254.91	1/4	1,866.71	1/4	1,478.50	1/4	1,090.30	1/4	702.66	1/4	315.01	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,246.83	1/2	1,858.62	1/2	1,470.42	1/2	1,082.21	1/2	694.59	1/2	306.93	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,238.74	3/4	1,850.53	3/4	1,462.33	3/4	1,074.12	3/4	686.53	3/4	298.85	3/4		3/4	3/4	3/4		3/4	3/4
8	2,230.65	8	1,842.45	8	1,454.24	8	1,066.04	8	678.47	8	290.77	8	8	8		8		8	8
1/4	2,222.56	1/4	1,834.36	1/4	1,446.15	1/4	1,057.95	1/4	670.40	1/4	282.70	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,214.47	1/2	1,826.27	1/2	1,438.07	1/2	1,049.86	1/2	662.34	1/2	274.62	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,206.39	3/4	1,818.18	3/4	1,429.98	3/4	1,041.77	3/4	654.28	3/4	266.54	3/4		3/4	3/4	3/4		3/4	3/4
9	2,198.30	9	1,810.09	9	1,421.89	9	1,033.69	9	646.21	9	258.46	9	9	9		9		9	9
1/4	2,190.21	1/4	1,802.01	1/4	1,413.80	1/4	1,025.60	1/4	638.14	1/4	250.38	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,182.12	1/2	1,793.92	1/2	1,405.71	1/2	1,017.51	1/2	630.07	1/2	242.30	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,174.04	3/4	1,785.83	3/4	1,397.63	3/4	1,009.42	3/4	622.00	3/4	234.22	3/4		3/4	3/4	3/4		3/4	3/4
10	2,165.95	10	1,777.74	10	1,389.54	10	1,001.33	10	613.93	10	226.14	10	10	10		10		10	10
1/4	2,157.86	1/4	1,769.66	1/4	1,381.45	1/4	993.25	1/4	605.85	1/4	218.06	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,149.77	1/2	1,761.57	1/2	1,373.36	1/2	985.16	1/2	597.77	1/2	209.99	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,141.69	3/4	1,753.48	3/4	1,365.28	3/4	977.07	3/4	589.69	3/4	201.91	3/4		3/4	3/4	3/4		3/4	3/4
11	2,133.60	11	1,745.39	11	1,357.19	11	968.98	11	581.61	11	193.83	11	11	11		11		11	11
1/4	2,125.51	1/4	1,737.31	1/4	1,349.10	1/4	960.90	1/4	573.54	1/4	185.75	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,117.42	1/2	1,729.22	1/2	1,341.01	1/2	952.81	1/2	565.46	1/2	177.67	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,109.34	3/4	1,721.13	3/4	1,332.93	3/4	944.72	3/4	557.38	3/4	169.59	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/05/2007 CL - SW
CALCULATED: 10/07/2007 CL
PRINTED: 10/07/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28056"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05"

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	5,086.11	0	4,749.26	0	4,394.97	0	4,024.00	0	3,638.62	0	3,250.67	0	2,862.67
1/4		1/4		1/4		1/4	5,079.19	1/4	4,742.08	1/4	4,387.39	1/4	4,016.09	1/4	3,630.54	1/4	3,242.58	1/4	2,854.59
1/2		1/2		1/2		1/2	5,072.27	1/2	4,734.91	1/2	4,379.81	1/2	4,008.18	1/2	3,622.46	1/2	3,234.50	1/2	2,846.50
3/4		3/4		3/4		3/4	5,065.35	3/4	4,727.73	3/4	4,372.23	3/4	4,000.28	3/4	3,614.38	3/4	3,226.42	3/4	2,838.42
1		1		1		1	5,058.43	1	4,720.56	1	4,364.65	1	3,992.37	1	3,606.29	1	3,218.34	1	2,830.33
1/4		1/4		1/4		1/4	5,051.48	1/4	4,713.35	1/4	4,357.05	1/4	3,984.43	1/4	3,598.21	1/4	3,210.26	1/4	2,822.25
1/2		1/2		1/2		1/2	5,044.54	1/2	4,706.15	1/2	4,349.44	1/2	3,976.49	1/2	3,590.13	1/2	3,202.17	1/2	2,814.16
3/4		3/4		3/4		3/4	5,037.59	3/4	4,698.94	3/4	4,341.84	3/4	3,968.55	3/4	3,582.05	3/4	3,194.09	3/4	2,806.08
2		2		2		2	5,030.64	2	4,691.74	2	4,334.23	2	3,960.61	2	3,573.96	2	3,186.01	2	2,797.99
1/4		1/4		1/4		1/4	5,023.67	1/4	4,684.50	1/4	4,326.60	1/4	3,952.65	1/4	3,565.88	1/4	3,177.93	1/4	2,789.91
1/2		1/2		1/2		1/2	5,016.69	1/2	4,677.27	1/2	4,318.97	1/2	3,944.68	1/2	3,557.80	1/2	3,169.84	1/2	2,781.82
3/4		3/4		3/4		3/4	5,009.71	3/4	4,670.04	3/4	4,311.35	3/4	3,936.72	3/4	3,549.72	3/4	3,161.76	3/4	2,773.74
3		3		3		3	5,002.73	3	4,662.81	3	4,303.72	3	3,928.76	3	3,541.63	3	3,153.68	3	2,765.66
1/4		1/4		1/4		1/4	4,995.80	1/4	4,655.48	1/4	4,296.06	1/4	3,920.77	1/4	3,533.55	1/4	3,145.60	1/4	2,757.57
1/2		1/2		1/2		1/2	4,988.87	1/2	4,648.16	1/2	4,288.40	1/2	3,912.78	1/2	3,525.47	1/2	3,137.51	1/2	2,749.49
3/4		3/4		3/4		3/4	4,981.94	3/4	4,640.83	3/4	4,280.74	3/4	3,904.80	3/4	3,517.39	3/4	3,129.43	3/4	2,741.40
4		4		4		4	4,975.01	4	4,633.50	4	4,273.08	4	3,896.81	4	3,509.30	4	3,121.35	4	2,733.32
1/4		1/4		1/4		1/4	4,968.05	1/4	4,626.14	1/4	4,265.39	1/4	3,888.79	1/4	3,501.22	1/4	3,113.27	1/4	2,725.23
1/2		1/2		1/2		1/2	4,961.09	1/2	4,618.78	1/2	4,257.70	1/2	3,880.77	1/2	3,493.14	1/2	3,105.18	1/2	2,717.15
3/4		3/4		3/4		3/4	4,954.14	3/4	4,611.43	3/4	4,250.02	3/4	3,872.74	3/4	3,485.06	3/4	3,097.10	3/4	2,709.06
5		5		5		5	4,947.18	5	4,604.07	5	4,242.33	5	3,864.72	5	3,476.97	5	3,089.02	5	2,700.98
1/4		1/4		1/4		1/4	4,940.19	1/4	4,596.68	1/4	4,234.61	1/4	3,856.68	1/4	3,468.89	1/4	3,080.94	1/4	2,692.90
1/2		1/2		1/2		1/2	4,933.20	1/2	4,589.30	1/2	4,226.89	1/2	3,848.63	1/2	3,460.81	1/2	3,072.85	1/2	2,684.81
3/4		3/4		3/4		3/4	4,926.22	3/4	4,581.92	3/4	4,219.17	3/4	3,840.59	3/4	3,452.73	3/4	3,064.77	3/4	2,676.73
6		6		6		6	4,919.23	6	4,574.53	6	4,211.45	6	3,832.55	6	3,444.64	6	3,056.69	6	2,668.64
1/4		1/4		1/4		1/4	4,912.22	1/4	4,567.11	1/4	4,203.71	1/4	3,824.48	1/4	3,436.56	1/4	3,048.61	1/4	2,660.56
1/2		1/2		1/2	5,255.18	1/2	4,905.20	1/2	4,559.70	1/2	4,195.97	1/2	3,816.41	1/2	3,428.48	1/2	3,040.52	1/2	2,652.47
3/4		3/4		3/4	5,249.12	3/4	4,898.19	3/4	4,552.28	3/4	4,188.23	3/4	3,808.34	3/4	3,420.40	3/4	3,032.44	3/4	2,644.39
7		7		7	5,243.05	7	4,891.18	7	4,544.86	7	4,180.48	7	3,800.27	7	3,412.32	7	3,024.36	7	2,636.30
1/4		1/4		1/4	5,234.97	1/4	4,884.13	1/4	4,537.42	1/4	4,172.72	1/4	3,792.19	1/4	3,404.23	1/4	3,016.28	1/4	2,628.22
1/2		1/2		1/2	5,226.89	1/2	4,877.09	1/2	4,529.98	1/2	4,164.95	1/2	3,784.11	1/2	3,396.15	1/2	3,008.19	1/2	2,620.13
3/4		3/4		3/4	5,218.80	3/4	4,870.04	3/4	4,522.54	3/4	4,157.18	3/4	3,776.02	3/4	3,388.07	3/4	3,000.11	3/4	2,612.05
8		8		8	5,210.72	8	4,863.00	8	4,515.10	8	4,149.41	8	3,767.94	8	3,379.99	8	2,992.02	8	2,603.97
1/4		1/4		1/4	5,202.63	1/4	4,855.93	1/4	4,507.63	1/4	4,141.61	1/4	3,759.86	1/4	3,371.90	1/4	2,983.94	1/4	2,595.88
1/2		1/2		1/2	5,194.55	1/2	4,848.86	1/2	4,500.17	1/2	4,133.81	1/2	3,751.78	1/2	3,363.82	1/2	2,975.85	1/2	2,587.80
3/4		3/4		3/4	5,186.46	3/4	4,841.79	3/4	4,492.70	3/4	4,126.01	3/4	3,743.69	3/4	3,355.74	3/4	2,967.77	3/4	2,579.71
9		9		9	5,178.38	9	4,834.73	9	4,485.24	9	4,118.21	9	3,735.61	9	3,347.66	9	2,959.68	9	2,571.63
1/4		1/4		1/4	5,170.29	1/4	4,827.63	1/4	4,477.74	1/4	4,110.39	1/4	3,727.53	1/4	3,339.57	1/4	2,951.60	1/4	2,563.54
1/2		1/2		1/2	5,162.21	1/2	4,820.54	1/2	4,470.24	1/2	4,102.56	1/2	3,719.45	1/2	3,331.49	1/2	2,943.51	1/2	2,555.46
3/4		3/4		3/4	5,154.12	3/4	4,813.45	3/4	4,462.74	3/4	4,094.74	3/4	3,711.36	3/4	3,323.41	3/4	2,935.43	3/4	2,547.37
10		10		10	5,146.04	10	4,806.36	10	4,455.24	10	4,086.92	10	3,703.28	10	3,315.33	10	2,927.35	10	2,539.29
1/4		1/4		1/4	5,137.95	1/4	4,799.23	1/4	4,447.72	1/4	4,079.07	1/4	3,695.20	1/4	3,307.24	1/4	2,919.26	1/4	2,531.21
1/2		1/2		1/2	5,129.87	1/2	4,792.11	1/2	4,440.20	1/2	4,071.22	1/2	3,687.12	1/2	3,299.16	1/2	2,911.18	1/2	2,523.12
3/4		3/4		3/4	5,121.79	3/4	4,784.98	3/4	4,432.68	3/4	4,063.37	3/4	3,679.03	3/4	3,291.08	3/4	2,903.09	3/4	2,515.04
11		11		11	5,113.70	11	4,777.85	11	4,425.16	11	4,055.52	11	3,670.95	11	3,283.00	11	2,895.01	11	2,506.95
1/4		1/4		1/4	5,106.80	1/4	4,770.71	1/4	4,417.61	1/4	4,047.64	1/4	3,662.87	1/4	3,274.91	1/4	2,886.92	1/4	2,498.87
1/2		1/2		1/2	5,099.91	1/2	4,763.56	1/2	4,410.06	1/2	4,039.76	1/2	3,654.79	1/2	3,266.83	1/2	2,878.84	1/2	2,490.78
3/4		3/4		3/4	5,093.01	3/4	4,756.41	3/4	4,402.51	3/4	4,031.88	3/4	3,646.70	3/4	3,258.75	3/4	2,870.75	3/4	2,482.70

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 28056"

2 STBD 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	2,474.61	0	2,086.56	0	1,698.50	0	1,310.45	0	923.00	0	550.00	0	161.99	0		0		0	
1/4	2,466.53	1/4	2,078.47	1/4	1,690.42	1/4	1,302.36	1/4	915.22	1/4	541.92	1/4	153.91	1/4		1/4		1/4	
1/2	2,458.44	1/2	2,070.39	1/2	1,682.33	1/2	1,294.28	1/2	907.45	1/2	533.84	1/2	145.82	1/2		1/2		1/2	
3/4	2,450.36	3/4	2,062.30	3/4	1,674.25	3/4	1,286.19	3/4	899.67	3/4	525.75	3/4	137.74	3/4		3/4		3/4	
1	2,442.28	1	2,054.22	1	1,666.16	1	1,278.11	1	891.90	1	517.67	1	129.66	1		1		1	
1/4	2,434.19	1/4	2,046.14	1/4	1,658.08	1/4	1,270.02	1/4	884.14	1/4	509.59	1/4	121.57	1/4		1/4		1/4	
1/2	2,426.11	1/2	2,038.05	1/2	1,649.99	1/2	1,261.94	1/2	876.38	1/2	501.50	1/2	113.49	1/2		1/2		1/2	
3/4	2,418.02	3/4	2,029.97	3/4	1,641.91	3/4	1,253.85	3/4	868.61	3/4	493.42	3/4	105.41	3/4		3/4		3/4	
2	2,409.94	2	2,021.88	2	1,633.83	2	1,245.77	2	860.85	2	485.33	2	97.32	2		2		2	
1/4	2,401.85	1/4	2,013.80	1/4	1,625.74	1/4	1,237.69	1/4	853.10	1/4	477.25	1/4	89.24	1/4		1/4		1/4	
1/2	2,393.77	1/2	2,005.71	1/2	1,617.66	1/2	1,229.60	1/2	845.35	1/2	469.17	1/2	81.15	1/2		1/2		1/2	
3/4	2,385.68	3/4	1,997.63	3/4	1,609.57	3/4	1,221.52	3/4	837.60	3/4	461.08	3/4	73.07	3/4		3/4		3/4	
3	2,377.60	3	1,989.54	3	1,601.49	3	1,213.43	3	829.85	3	453.00	3	64.99	3		3		3	
1/4	2,369.52	1/4	1,981.46	1/4	1,593.40	1/4	1,205.35	1/4	822.10	1/4	444.92	1/4	57.91	1/4		1/4		1/4	
1/2	2,361.43	1/2	1,973.37	1/2	1,585.32	1/2	1,197.26	1/2	814.35	1/2	436.83	1/2	50.84	1/2		1/2		1/2	
3/4	2,353.35	3/4	1,965.29	3/4	1,577.23	3/4	1,189.18	3/4	806.60	3/4	428.75	3/4	43.76	3/4		3/4		3/4	
4	2,345.26	4	1,957.21	4	1,569.15	4	1,181.09	4	798.85	4	420.67	4	36.69	4		4		4	
1/4	2,337.18	1/4	1,949.12	1/4	1,561.07	1/4	1,173.01	1/4	791.10	1/4	412.58	1/4	31.64	1/4		1/4		1/4	
1/2	2,329.09	1/2	1,941.04	1/2	1,552.98	1/2	1,164.92	1/2	783.35	1/2	404.50	1/2	26.58	1/2		1/2		1/2	
3/4	2,321.01	3/4	1,932.95	3/4	1,544.90	3/4	1,156.84	3/4	775.60	3/4	396.41	3/4	21.53	3/4		3/4		3/4	
5	2,312.92	5	1,924.87	5	1,536.81	5	1,148.76	5	767.85	5	388.33	5	16.48	5		5		5	
1/4	2,304.84	1/4	1,916.78	1/4	1,528.73	1/4	1,140.67	1/4	760.10	1/4	380.25	1/4		1/4		1/4		1/4	
1/2	2,296.75	1/2	1,908.70	1/2	1,520.64	1/2	1,132.59	1/2	752.34	1/2	372.16	1/2		1/2		1/2		1/2	
3/4	2,288.67	3/4	1,900.61	3/4	1,512.56	3/4	1,124.50	3/4	744.59	3/4	364.08	3/4		3/4		3/4		3/4	
6	2,280.59	6	1,892.53	6	1,504.47	6	1,116.42	6	736.84	6	356.00	6	6	6		6		6	
1/4	2,272.50	1/4	1,884.45	1/4	1,496.39	1/4	1,108.33	1/4	729.09	1/4	347.91	1/4		1/4		1/4		1/4	
1/2	2,264.42	1/2	1,876.36	1/2	1,488.30	1/2	1,100.25	1/2	721.34	1/2	339.83	1/2		1/2		1/2		1/2	
3/4	2,256.33	3/4	1,868.28	3/4	1,480.22	3/4	1,092.16	3/4	713.59	3/4	331.75	3/4		3/4		3/4		3/4	
7	2,248.25	7	1,860.19	7	1,472.14	7	1,084.08	7	705.84	7	323.66	7	7	7		7		7	
1/4	2,240.16	1/4	1,852.11	1/4	1,464.05	1/4	1,076.00	1/4	698.09	1/4	315.58	1/4		1/4		1/4		1/4	
1/2	2,232.08	1/2	1,844.02	1/2	1,455.97	1/2	1,067.91	1/2	690.34	1/2	307.50	1/2		1/2		1/2		1/2	
3/4	2,223.99	3/4	1,835.94	3/4	1,447.88	3/4	1,059.83	3/4	682.60	3/4	299.41	3/4		3/4		3/4		3/4	
8	2,215.91	8	1,827.85	8	1,439.80	8	1,051.74	8	674.85	8	291.33	8	8	8		8		8	
1/4	2,207.83	1/4	1,819.77	1/4	1,431.71	1/4	1,043.66	1/4	667.10	1/4	283.24	1/4		1/4		1/4		1/4	
1/2	2,199.74	1/2	1,811.68	1/2	1,423.63	1/2	1,035.57	1/2	659.35	1/2	275.16	1/2		1/2		1/2		1/2	
3/4	2,191.66	3/4	1,803.60	3/4	1,415.54	3/4	1,027.49	3/4	651.60	3/4	267.08	3/4		3/4		3/4		3/4	
9	2,183.57	9	1,795.52	9	1,407.46	9	1,019.40	9	643.85	9	258.99	9	9	9		9		9	
1/4	2,175.49	1/4	1,787.43	1/4	1,399.38	1/4	1,011.32	1/4	636.09	1/4	250.91	1/4		1/4		1/4		1/4	
1/2	2,167.40	1/2	1,779.35	1/2	1,391.29	1/2	1,003.23	1/2	628.33	1/2	242.83	1/2		1/2		1/2		1/2	
3/4	2,159.32	3/4	1,771.26	3/4	1,383.21	3/4	995.15	3/4	620.58	3/4	234.74	3/4		3/4		3/4		3/4	
10	2,151.23	10	1,763.18	10	1,375.12	10	987.07	10	612.82	10	226.66	10	10	10		10		10	
1/4	2,143.15	1/4	1,755.09	1/4	1,367.04	1/4	978.98	1/4	605.04	1/4	218.58	1/4		1/4		1/4		1/4	
1/2	2,135.06	1/2	1,747.01	1/2	1,358.95	1/2	970.90	1/2	597.27	1/2	210.49	1/2		1/2		1/2		1/2	
3/4	2,126.98	3/4	1,738.92	3/4	1,350.87	3/4	962.81	3/4	589.50	3/4	202.41	3/4		3/4		3/4		3/4	
11	2,118.90	11	1,730.84	11	1,342.78	11	954.73	11	581.73	11	194.32	11	11	11		11		11	
1/4	2,110.81	1/4	1,722.76	1/4	1,334.70	1/4	946.80	1/4	573.79	1/4	186.24	1/4		1/4		1/4		1/4	
1/2	2,102.73	1/2	1,714.67	1/2	1,326.61	1/2	938.86	1/2	565.86	1/2	178.16	1/2		1/2		1/2		1/2	
3/4	2,094.64	3/4	1,706.59	3/4	1,318.53	3/4	930.93	3/4	557.93	3/4	170.07	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/05/2007 CL - SW
CALCULATED: 10/07/2007 CL
PRINTED: 10/07/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2007

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



BARGE "KIRBY 28056"

3 PORT
ULLAGE TABLE

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

GAUGE HEIGHT 16'-05"

Table with columns for gauge height (0 FT. to 9 FT.) and rows for ullage measurements (0, 1/4, 1/2, 3/4) at each height. Each cell contains capacity values for different barge sections.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK. CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE. GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





BARGE "KIRBY 28056"

3 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	2,314.73	0	1,953.94	0	1,593.14	0	1,232.34	0	872.34	0	511.55	0	150.77	0		0		0	
1/4	2,307.22	1/4	1,946.42	1/4	1,585.62	1/4	1,224.83	1/4	864.82	1/4	504.04	1/4	143.26	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,299.70	1/2	1,938.90	1/2	1,578.11	1/2	1,217.31	1/2	857.30	1/2	496.52	1/2	135.74	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,292.18	3/4	1,931.39	3/4	1,570.59	3/4	1,209.79	3/4	849.79	3/4	489.01	3/4	128.22	3/4	3/4	3/4	3/4	3/4	3/4
1	2,284.67	1	1,923.87	1	1,563.07	1	1,202.28	1	842.27	1	481.49	1	120.71	1		1		1	
1/4	2,277.15	1/4	1,916.35	1/4	1,555.56	1/4	1,194.76	1/4	834.76	1/4	473.97	1/4	113.19	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,269.63	1/2	1,908.84	1/2	1,548.04	1/2	1,187.24	1/2	827.24	1/2	466.46	1/2	105.67	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,262.12	3/4	1,901.32	3/4	1,540.52	3/4	1,179.73	3/4	819.72	3/4	458.94	3/4	98.16	3/4	3/4	3/4	3/4	3/4	3/4
2	2,254.60	2	1,893.80	2	1,533.01	2	1,172.21	2	812.21	2	451.42	2	90.64	2		2		2	
1/4	2,247.08	1/4	1,886.29	1/4	1,525.49	1/4	1,164.69	1/4	804.69	1/4	443.91	1/4	83.13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,239.57	1/2	1,878.77	1/2	1,517.97	1/2	1,157.18	1/2	797.17	1/2	436.39	1/2	75.61	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,232.05	3/4	1,871.25	3/4	1,510.46	3/4	1,149.66	3/4	789.66	3/4	428.88	3/4	68.09	3/4	3/4	3/4	3/4	3/4	3/4
3	2,224.53	3	1,863.74	3	1,502.94	3	1,142.14	3	782.14	3	421.36	3	60.58	3		3		3	
1/4	2,217.02	1/4	1,856.22	1/4	1,495.42	1/4	1,134.63	1/4	774.63	1/4	413.84	1/4	54.00	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,209.50	1/2	1,848.70	1/2	1,487.91	1/2	1,127.11	1/2	767.11	1/2	406.33	1/2	47.42	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,201.98	3/4	1,841.19	3/4	1,480.39	3/4	1,119.59	3/4	759.59	3/4	398.81	3/4	40.84	3/4	3/4	3/4	3/4	3/4	3/4
4	2,194.47	4	1,833.67	4	1,472.87	4	1,112.08	4	752.08	4	391.29	4	34.27	4		4		4	
1/4	2,186.95	1/4	1,826.15	1/4	1,465.36	1/4	1,104.59	1/4	744.56	1/4	383.78	1/4	29.57	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,179.43	1/2	1,818.64	1/2	1,457.84	1/2	1,097.09	1/2	737.04	1/2	376.26	1/2	24.87	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,171.92	3/4	1,811.12	3/4	1,450.32	3/4	1,089.60	3/4	729.53	3/4	368.74	3/4	20.17	3/4	3/4	3/4	3/4	3/4	3/4
5	2,164.40	5	1,803.60	5	1,442.81	5	1,082.11	5	722.01	5	361.23	5	15.48	5		5		5	
1/4	2,156.89	1/4	1,796.09	1/4	1,435.29	1/4	1,074.62	1/4	714.49	1/4	353.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,149.37	1/2	1,788.57	1/2	1,427.77	1/2	1,067.13	1/2	706.98	1/2	346.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,141.85	3/4	1,781.06	3/4	1,420.26	3/4	1,059.63	3/4	699.46	3/4	338.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,134.34	6	1,773.54	6	1,412.74	6	1,052.14	6	691.95	6	331.16	6		6		6		6	
1/4	2,126.82	1/4	1,766.02	1/4	1,405.23	1/4	1,044.65	1/4	684.43	1/4	323.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,119.30	1/2	1,758.51	1/2	1,397.71	1/2	1,037.16	1/2	676.91	1/2	316.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,111.79	3/4	1,750.99	3/4	1,390.19	3/4	1,029.67	3/4	669.40	3/4	308.61	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	2,104.27	7	1,743.47	7	1,382.68	7	1,022.17	7	661.88	7	301.10	7		7		7		7	
1/4	2,096.75	1/4	1,735.96	1/4	1,375.16	1/4	1,014.68	1/4	654.36	1/4	293.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,089.24	1/2	1,728.44	1/2	1,367.64	1/2	1,007.19	1/2	646.85	1/2	286.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,081.72	3/4	1,720.92	3/4	1,360.13	3/4	999.70	3/4	639.33	3/4	278.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,074.20	8	1,713.41	8	1,352.61	8	992.21	8	631.82	8	271.03	8		8		8		8	
1/4	2,066.69	1/4	1,705.89	1/4	1,345.09	1/4	984.72	1/4	624.30	1/4	263.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,059.17	1/2	1,698.37	1/2	1,337.58	1/2	977.22	1/2	616.78	1/2	256.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,051.65	3/4	1,690.86	3/4	1,330.06	3/4	969.73	3/4	609.27	3/4	248.48	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,044.14	9	1,683.34	9	1,322.54	9	962.24	9	601.75	9	240.97	9		9		9		9	
1/4	2,036.62	1/4	1,675.82	1/4	1,315.03	1/4	954.75	1/4	594.23	1/4	233.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,029.10	1/2	1,668.31	1/2	1,307.51	1/2	947.26	1/2	586.72	1/2	225.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,021.59	3/4	1,660.79	3/4	1,299.99	3/4	939.76	3/4	579.20	3/4	218.42	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,014.07	10	1,653.27	10	1,292.48	10	932.27	10	571.68	10	210.90	10		10		10		10	
1/4	2,006.55	1/4	1,645.76	1/4	1,284.96	1/4	924.78	1/4	564.17	1/4	203.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,999.04	1/2	1,638.24	1/2	1,277.44	1/2	917.29	1/2	556.65	1/2	195.87	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,991.52	3/4	1,630.72	3/4	1,269.93	3/4	909.80	3/4	549.14	3/4	188.35	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,984.00	11	1,623.21	11	1,262.41	11	902.30	11	541.62	11	180.84	11		11		11		11	
1/4	1,976.49	1/4	1,615.69	1/4	1,254.89	1/4	894.81	1/4	534.10	1/4	173.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,968.97	1/2	1,608.17	1/2	1,247.38	1/2	887.32	1/2	526.59	1/2	165.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,961.45	3/4	1,600.66	3/4	1,239.86	3/4	879.83	3/4	519.07	3/4	158.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/05/2007 CL - SW
CALCULATED: 10/07/2007 CL
PRINTED: 10/07/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2007

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



BARGE "KIRBY 28056"

3 STBD 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	2,296.76	0	1,937.49	0	1,578.75	0	1,218.16	0	864.35	0	511.40	0	150.94	0		0		0	
1/4	2,289.25	1/4	1,930.04	1/4	1,571.23	1/4	1,210.79	1/4	856.97	1/4	503.95	1/4	143.42	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,281.73	1/2	1,922.60	1/2	1,563.72	1/2	1,203.41	1/2	849.60	1/2	496.51	1/2	135.89	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,274.22	3/4	1,915.15	3/4	1,556.21	3/4	1,196.03	3/4	842.22	3/4	489.06	3/4	128.37	3/4	3/4	3/4	3/4	3/4	3/4
1	2,266.71	1	1,907.70	1	1,548.70	1	1,188.66	1	834.85	1	481.62	1	120.84	1		1		1	
1/4	2,259.20	1/4	1,900.26	1/4	1,541.19	1/4	1,181.28	1/4	827.48	1/4	474.10	1/4	113.32	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,251.69	1/2	1,892.81	1/2	1,533.67	1/2	1,173.91	1/2	820.10	1/2	466.59	1/2	105.79	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,244.17	3/4	1,885.36	3/4	1,526.16	3/4	1,166.53	3/4	812.73	3/4	459.08	3/4	98.27	3/4	3/4	3/4	3/4	3/4	3/4
2	2,236.66	2	1,877.92	2	1,518.65	2	1,159.16	2	805.36	2	451.56	2	90.74	2		2		2	
1/4	2,229.15	1/4	1,870.47	1/4	1,511.14	1/4	1,151.78	1/4	798.01	1/4	444.05	1/4	83.22	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,221.64	1/2	1,863.03	1/2	1,503.62	1/2	1,144.40	1/2	790.65	1/2	436.54	1/2	75.69	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,214.12	3/4	1,855.58	3/4	1,496.11	3/4	1,137.03	3/4	783.29	3/4	429.02	3/4	68.17	3/4	3/4	3/4	3/4	3/4	3/4
3	2,206.61	3	1,848.13	3	1,488.60	3	1,129.65	3	775.94	3	421.51	3	60.64	3		3		3	
1/4	2,199.10	1/4	1,840.69	1/4	1,481.09	1/4	1,122.28	1/4	768.60	1/4	414.00	1/4	54.06	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,191.59	1/2	1,833.24	1/2	1,473.58	1/2	1,114.90	1/2	761.25	1/2	406.48	1/2	47.47	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,184.08	3/4	1,825.79	3/4	1,466.06	3/4	1,107.53	3/4	753.91	3/4	398.97	3/4	40.89	3/4	3/4	3/4	3/4	3/4	3/4
4	2,176.56	4	1,818.35	4	1,458.55	4	1,100.15	4	746.57	4	391.46	4	34.30	4		4		4	
1/4	2,169.05	1/4	1,810.90	1/4	1,451.04	1/4	1,092.78	1/4	739.23	1/4	383.94	1/4	29.60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,161.54	1/2	1,803.45	1/2	1,443.53	1/2	1,085.41	1/2	731.88	1/2	376.43	1/2	24.90	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,154.03	3/4	1,796.01	3/4	1,436.01	3/4	1,078.04	3/4	724.54	3/4	368.92	3/4	20.19	3/4	3/4	3/4	3/4	3/4	3/4
5	2,146.52	5	1,788.56	5	1,428.50	5	1,070.68	5	717.20	5	361.40	5	15.49	5		5		5	
1/4	2,139.00	1/4	1,781.12	1/4	1,420.99	1/4	1,063.31	1/4	709.86	1/4	353.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,131.49	1/2	1,773.67	1/2	1,413.48	1/2	1,055.94	1/2	702.51	1/2	346.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,123.98	3/4	1,766.22	3/4	1,405.97	3/4	1,048.57	3/4	695.17	3/4	338.86	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,116.47	6	1,758.78	6	1,398.45	6	1,041.20	6	687.82	6	331.35	6	6	6		6		6	
1/4	2,108.95	1/4	1,751.33	1/4	1,390.94	1/4	1,033.83	1/4	680.48	1/4	323.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,101.44	1/2	1,743.88	1/2	1,383.43	1/2	1,026.46	1/2	673.13	1/2	316.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,093.93	3/4	1,736.44	3/4	1,375.92	3/4	1,019.09	3/4	665.79	3/4	308.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	2,086.42	7	1,728.99	7	1,368.40	7	1,011.73	7	658.45	7	301.30	7	7	7		7		7	
1/4	2,078.97	1/4	1,721.48	1/4	1,360.89	1/4	1,004.36	1/4	651.10	1/4	293.79	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,071.52	1/2	1,713.97	1/2	1,353.38	1/2	996.99	1/2	643.76	1/2	286.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,064.08	3/4	1,706.45	3/4	1,345.87	3/4	989.62	3/4	636.41	3/4	278.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,056.63	8	1,698.94	8	1,338.36	8	982.25	8	629.07	8	271.25	8	8	8		8		8	
1/4	2,049.19	1/4	1,691.43	1/4	1,330.84	1/4	974.88	1/4	621.73	1/4	263.73	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,041.74	1/2	1,683.92	1/2	1,323.33	1/2	967.51	1/2	614.38	1/2	256.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,034.29	3/4	1,676.40	3/4	1,315.82	3/4	960.14	3/4	607.04	3/4	248.71	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,026.85	9	1,668.89	9	1,308.31	9	952.78	9	599.69	9	241.19	9	9	9		9		9	
1/4	2,019.40	1/4	1,661.38	1/4	1,300.79	1/4	945.41	1/4	592.35	1/4	233.68	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,011.95	1/2	1,653.87	1/2	1,293.28	1/2	938.04	1/2	585.01	1/2	226.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,004.51	3/4	1,646.36	3/4	1,285.77	3/4	930.67	3/4	577.66	3/4	218.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,997.06	10	1,638.84	10	1,278.26	10	923.30	10	923.30	10	211.14	10	10	10		10		10	
1/4	1,989.61	1/4	1,631.33	1/4	1,270.75	1/4	915.93	1/4	562.96	1/4	203.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,982.17	1/2	1,623.82	1/2	1,263.23	1/2	908.56	1/2	555.60	1/2	196.09	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,974.72	3/4	1,616.31	3/4	1,255.72	3/4	901.19	3/4	548.25	3/4	188.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,967.28	11	1,608.80	11	1,248.21	11	893.82	11	540.89	11	181.04	11	11	11		11		11	
1/4	1,959.83	1/4	1,601.28	1/4	1,240.70	1/4	886.46	1/4	533.52	1/4	173.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,952.38	1/2	1,593.77	1/2	1,233.19	1/2	879.09	1/2	526.14	1/2	165.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,944.94	3/4	1,586.26	3/4	1,225.67	3/4	871.72	3/4	518.77	3/4	158.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/05/2007 CL - SW
CALCULATED: 10/07/2007 CL
PRINTED: 10/07/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2007

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