



# BARGE "KIRBY 30340B"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8
2 PORT	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-3/4	- 01-3/4
2 STBD	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-3/4	- 01-3/4
3 PORT	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-1/2	- 03-1/2
3 STBD	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-1/2	- 03-1/2

(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 - 00-5/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 285'-03"

March 3, 2007

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 30340B"

## 1 PORT 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	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	4,969.13	0	4,597.94	0	4,207.35	0	3,811.55	0	3,415.74	0	3,019.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,306.11	1/4	4,961.60	1/4	4,589.99	1/4	4,199.11	1/4	3,803.30	1/4	3,407.49	1/4	3,011.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,301.29	1/2	4,954.06	1/2	4,582.03	1/2	4,190.86	1/2	3,795.05	1/2	3,399.25	1/2	3,003.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,296.48	3/4	4,946.53	3/4	4,574.08	3/4	4,182.62	3/4	3,786.81	3/4	3,391.00	3/4	2,995.14
1	1	1	1	1	1	1	1	5,290.29	1	4,938.97	1	4,566.09	1	4,174.37	1	3,778.56	1	3,382.75	1	2,986.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,284.11	1/4	4,931.40	1/4	4,558.11	1/4	4,166.12	1/4	3,770.32	1/4	3,374.51	1/4	2,978.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,277.92	1/2	4,923.83	1/2	4,550.12	1/2	4,157.88	1/2	3,762.07	1/2	3,366.26	1/2	2,970.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,271.73	3/4	4,916.27	3/4	4,542.13	3/4	4,149.63	3/4	3,753.82	3/4	3,358.02	3/4	2,962.14
2	2	2	2	2	2	2	2	5,264.17	2	4,908.66	2	4,534.11	2	4,141.39	2	3,745.58	2	3,349.77	2	2,953.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,256.60	1/4	4,901.06	1/4	4,526.09	1/4	4,133.14	1/4	3,737.33	1/4	3,341.52	1/4	2,945.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,249.04	1/2	4,893.46	1/2	4,518.06	1/2	4,124.89	1/2	3,729.09	1/2	3,333.28	1/2	2,937.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,241.48	3/4	4,885.86	3/4	4,510.04	3/4	4,116.65	3/4	3,720.84	3/4	3,325.03	3/4	2,929.13
3	3	3	3	3	3	3	3	5,234.26	3	4,878.22	3	4,501.98	3	4,108.40	3	3,712.59	3	3,316.79	3	2,920.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,227.05	1/4	4,870.59	1/4	4,493.93	1/4	4,100.16	1/4	3,704.35	1/4	3,308.54	1/4	2,912.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,219.83	1/2	4,862.95	1/2	4,485.87	1/2	4,091.91	1/2	3,696.10	1/2	3,300.29	1/2	2,904.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,212.62	3/4	4,855.31	3/4	4,477.81	3/4	4,083.66	3/4	3,687.86	3/4	3,292.05	3/4	2,896.13
4	4	4	4	4	4	4	4	5,205.36	4	4,847.64	4	4,469.72	4	4,075.42	4	3,679.61	4	3,283.80	4	2,887.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,198.11	1/4	4,839.97	1/4	4,461.63	1/4	4,067.17	1/4	3,671.36	1/4	3,275.56	1/4	2,879.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,190.86	1/2	4,832.30	1/2	4,453.53	1/2	4,058.93	1/2	3,663.12	1/2	3,267.31	1/2	2,871.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,183.61	3/4	4,824.63	3/4	4,445.44	3/4	4,050.68	3/4	3,654.87	3/4	3,259.06	3/4	2,863.13
5	5	5	5	5	5	5	5	5,176.33	5	4,816.92	5	4,437.31	5	4,042.43	5	3,646.63	5	3,250.82	5	2,854.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,169.04	1/4	4,809.21	1/4	4,429.18	1/4	4,034.19	1/4	3,638.38	1/4	3,242.57	1/4	2,846.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,161.75	1/2	4,801.51	1/2	4,421.06	1/2	4,025.94	1/2	3,630.13	1/2	3,234.33	1/2	2,838.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,154.47	3/4	4,793.80	3/4	4,412.93	3/4	4,017.70	3/4	3,621.89	3/4	3,226.08	3/4	2,830.13
6	6	6	6	6	6	6	6	5,147.15	6	4,786.06	6	4,404.77	6	4,009.45	6	3,613.64	6	3,217.83	6	2,821.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,139.83	1/4	4,778.31	1/4	4,396.60	1/4	4,001.20	1/4	3,605.40	1/4	3,209.59	1/4	2,813.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,132.50	1/2	4,770.57	1/2	4,388.44	1/2	3,992.96	1/2	3,597.15	1/2	3,201.34	1/2	2,805.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,125.18	3/4	4,762.83	3/4	4,380.28	3/4	3,984.71	3/4	3,588.90	3/4	3,193.10	3/4	2,797.13
7	7	7	7	7	7	7	7	5,117.83	7	4,755.05	7	4,372.08	7	3,976.47	7	3,580.66	7	3,184.85	7	2,788.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,110.47	1/4	4,747.28	1/4	4,363.88	1/4	3,968.22	1/4	3,572.41	1/4	3,176.60	1/4	2,780.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,103.11	1/2	4,739.50	1/2	4,355.68	1/2	3,959.97	1/2	3,564.17	1/2	3,168.36	1/2	2,772.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,095.76	3/4	4,731.72	3/4	4,347.49	3/4	3,951.73	3/4	3,555.92	3/4	3,160.11	3/4	2,764.12
8	8	8	8	8	8	8	8	5,088.37	8	4,723.91	8	4,339.25	8	3,943.48	8	3,547.67	8	3,151.87	8	2,755.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,080.98	1/4	4,716.10	1/4	4,331.02	1/4	3,935.24	1/4	3,539.43	1/4	3,143.62	1/4	2,747.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,073.59	1/2	4,708.29	1/2	4,322.79	1/2	3,926.99	1/2	3,531.18	1/2	3,135.37	1/2	2,739.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,066.19	3/4	4,700.48	3/4	4,314.55	3/4	3,918.74	3/4	3,522.94	3/4	3,127.13	3/4	2,731.12
9	9	9	9	9	9	9	9	5,058.77	9	4,692.63	9	4,306.31	9	3,910.50	9	3,514.69	9	3,118.88	9	2,722.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,051.34	1/4	4,684.78	1/4	4,298.06	1/4	3,902.25	1/4	3,506.44	1/4	3,110.64	1/4	2,714.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,043.92	1/2	4,676.93	1/2	4,289.81	1/2	3,894.01	1/2	3,498.20	1/2	3,102.39	1/2	2,706.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,036.49	3/4	4,669.09	3/4	4,281.57	3/4	3,885.76	3/4	3,489.95	3/4	3,094.14	3/4	2,698.12
10	10	10	10	10	10	10	10	5,029.03	10	4,661.20	10	4,273.32	10	3,877.51	10	3,481.71	10	3,085.89	10	2,689.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,021.57	1/4	4,653.32	1/4	4,265.08	1/4	3,869.27	1/4	3,473.46	1/4	3,077.64	1/4	2,681.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,014.10	1/2	4,645.44	1/2	4,256.83	1/2	3,861.02	1/2	3,465.21	1/2	3,069.39	1/2	2,673.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,006.64	3/4	4,637.56	3/4	4,248.58	3/4	3,852.78	3/4	3,456.97	3/4	3,061.14	3/4	2,665.12
11	11	11	11	11	11	11	11	4,999.15	11	4,629.64	11	4,240.34	11	3,844.53	11	3,448.72	11	3,052.89	11	2,656.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,991.65	1/4	4,621.72	1/4	4,232.09	1/4	3,836.28	1/4	3,440.48	1/4	3,044.64	1/4	2,648.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,984.15	1/2	4,613.81	1/2	4,223.85	1/2	3,828.04	1/2	3,432.23	1/2	3,036.39	1/2	2,640.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,976.66	3/4	4,605.89	3/4	4,215.60	3/4	3,819.79	3/4	3,423.98	3/4	3,028.14	3/4	2,632.12

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 30340B"

## 1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,623.87	0	2,227.84	0	1,831.82	0	1,436.37	0	1,041.05	0	645.04	0	249.47	0		0		0	
1/4	2,615.62	1/4	2,219.59	1/4	1,823.57	1/4	1,428.14	1/4	1,032.80	1/4	636.79	1/4	241.49	1/4	1/4	1/4		1/4	
1/2	2,607.36	1/2	2,211.34	1/2	1,815.32	1/2	1,419.92	1/2	1,024.55	1/2	628.54	1/2	233.51	1/2	1/2	1/2		1/2	
3/4	2,599.11	3/4	2,203.09	3/4	1,807.07	3/4	1,411.69	3/4	1,016.30	3/4	620.29	3/4	225.53	3/4	3/4	3/4		3/4	
1	2,590.86	1	2,194.84	1	1,798.82	1	1,403.46	1	1,008.05	1	612.04	1	217.56	1		1		1	
1/4	2,582.61	1/4	2,186.59	1/4	1,790.57	1/4	1,395.23	1/4	999.80	1/4	603.79	1/4	209.59	1/4	1/4	1/4		1/4	
1/2	2,574.36	1/2	2,178.34	1/2	1,782.31	1/2	1,387.01	1/2	991.55	1/2	595.54	1/2	201.61	1/2	1/2	1/2		1/2	
3/4	2,566.11	3/4	2,170.09	3/4	1,774.06	3/4	1,378.78	3/4	983.30	3/4	587.29	3/4	193.64	3/4	3/4	3/4		3/4	
2	2,557.86	2	2,161.84	2	1,765.81	2	1,370.55	2	975.05	2	579.04	2	185.68	2		2		2	
1/4	2,549.61	1/4	2,153.59	1/4	1,757.56	1/4	1,362.32	1/4	966.80	1/4	570.79	1/4	177.72	1/4	1/4	1/4		1/4	
1/2	2,541.36	1/2	2,145.34	1/2	1,749.31	1/2	1,354.10	1/2	958.55	1/2	562.54	1/2	169.75	1/2	1/2	1/2		1/2	
3/4	2,533.11	3/4	2,137.09	3/4	1,741.06	3/4	1,345.87	3/4	950.30	3/4	554.29	3/4	161.79	3/4	3/4	3/4		3/4	
3	2,524.86	3	2,128.84	3	1,732.81	3	1,337.64	3	942.05	3	546.04	3	153.84	3		3		3	
1/4	2,516.61	1/4	2,120.59	1/4	1,724.56	1/4	1,329.41	1/4	933.80	1/4	537.79	1/4	145.90	1/4	1/4	1/4		1/4	
1/2	2,508.36	1/2	2,112.33	1/2	1,716.31	1/2	1,321.19	1/2	925.55	1/2	529.54	1/2	137.95	1/2	1/2	1/2		1/2	
3/4	2,500.11	3/4	2,104.08	3/4	1,708.06	3/4	1,312.96	3/4	917.30	3/4	521.29	3/4	130.00	3/4	3/4	3/4		3/4	
4	2,491.86	4	2,095.83	4	1,699.81	4	1,304.74	4	909.05	4	513.04	4	122.07	4		4		4	
1/4	2,483.61	1/4	2,087.58	1/4	1,691.56	1/4	1,296.52	1/4	900.80	1/4	504.79	1/4	114.13	1/4	1/4	1/4		1/4	
1/2	2,475.36	1/2	2,079.33	1/2	1,683.31	1/2	1,288.29	1/2	892.55	1/2	496.54	1/2	106.20	1/2	1/2	1/2		1/2	
3/4	2,467.11	3/4	2,071.08	3/4	1,675.06	3/4	1,280.07	3/4	884.30	3/4	488.29	3/4	98.27	3/4	3/4	3/4		3/4	
5	2,458.86	5	2,062.83	5	1,666.81	5	1,271.85	5	876.05	5	480.04	5	90.38	5		5		5	
1/4	2,450.61	1/4	2,054.58	1/4	1,658.56	1/4	1,263.63	1/4	867.80	1/4	471.79	1/4	82.49	1/4	1/4	1/4		1/4	
1/2	2,442.36	1/2	2,046.33	1/2	1,650.31	1/2	1,255.41	1/2	859.55	1/2	463.54	1/2	74.60	1/2	1/2	1/2		1/2	
3/4	2,434.10	3/4	2,038.08	3/4	1,642.06	3/4	1,247.18	3/4	851.30	3/4	455.29	3/4	66.71	3/4	3/4	3/4		3/4	
6	2,425.85	6	2,029.83	6	1,633.83	6	1,238.94	6	843.05	6	447.04	6	59.50	6		6		6	
1/4	2,417.60	1/4	2,021.58	1/4	1,625.60	1/4	1,230.69	1/4	834.80	1/4	438.79	1/4	52.28	1/4	1/4	1/4		1/4	
1/2	2,409.35	1/2	2,013.33	1/2	1,617.37	1/2	1,222.45	1/2	826.55	1/2	430.54	1/2	45.07	1/2	1/2	1/2		1/2	
3/4	2,401.10	3/4	2,005.08	3/4	1,609.15	3/4	1,214.20	3/4	818.30	3/4	422.29	3/4	37.86	3/4	3/4	3/4		3/4	
7	2,392.85	7	1,996.83	7	1,600.92	7	1,205.96	7	810.05	7	414.04	7	32.70	7		7		7	
1/4	2,384.60	1/4	1,988.58	1/4	1,592.69	1/4	1,197.71	1/4	801.79	1/4	405.79	1/4	27.54	1/4	1/4	1/4		1/4	
1/2	2,376.35	1/2	1,980.33	1/2	1,584.46	1/2	1,189.47	1/2	793.54	1/2	397.54	1/2	22.39	1/2	1/2	1/2		1/2	
3/4	2,368.10	3/4	1,972.08	3/4	1,576.24	3/4	1,181.22	3/4	785.29	3/4	389.28	3/4	17.23	3/4	3/4	3/4		3/4	
8	2,359.85	8	1,963.83	8	1,568.01	8	1,172.98	8	777.04	8	381.03	8		8		8		8	
1/4	2,351.60	1/4	1,955.58	1/4	1,559.78	1/4	1,164.73	1/4	768.79	1/4	372.78	1/4		1/4	1/4	1/4		1/4	
1/2	2,343.35	1/2	1,947.32	1/2	1,551.55	1/2	1,156.49	1/2	760.54	1/2	364.53	1/2		1/2	1/2	1/2		1/2	
3/4	2,335.10	3/4	1,939.07	3/4	1,543.33	3/4	1,148.24	3/4	752.29	3/4	356.28	3/4		3/4	3/4	3/4		3/4	
9	2,326.85	9	1,930.82	9	1,535.10	9	1,140.00	9	744.04	9	348.05	9		9		9		9	
1/4	2,318.60	1/4	1,922.57	1/4	1,526.87	1/4	1,131.75	1/4	735.79	1/4	339.81	1/4		1/4	1/4	1/4		1/4	
1/2	2,310.35	1/2	1,914.32	1/2	1,518.65	1/2	1,123.51	1/2	727.54	1/2	331.57	1/2		1/2	1/2	1/2		1/2	
3/4	2,302.10	3/4	1,906.07	3/4	1,510.42	3/4	1,115.26	3/4	719.29	3/4	323.34	3/4		3/4	3/4	3/4		3/4	
10	2,293.85	10	1,897.82	10	1,502.19	10	1,107.02	10	711.04	10	315.10	10		10		10		10	
1/4	2,285.60	1/4	1,889.57	1/4	1,493.96	1/4	1,098.77	1/4	702.79	1/4	306.86	1/4		1/4	1/4	1/4		1/4	
1/2	2,277.34	1/2	1,881.32	1/2	1,485.74	1/2	1,090.53	1/2	694.54	1/2	298.63	1/2		1/2	1/2	1/2		1/2	
3/4	2,269.09	3/4	1,873.07	3/4	1,477.51	3/4	1,082.28	3/4	686.29	3/4	290.39	3/4		3/4	3/4	3/4		3/4	
11	2,260.84	11	1,864.82	11	1,469.28	11	1,074.04	11	678.04	11	282.15	11		11		11		11	
1/4	2,252.59	1/4	1,856.57	1/4	1,461.05	1/4	1,065.79	1/4	669.79	1/4	273.92	1/4		1/4	1/4	1/4		1/4	
1/2	2,244.34	1/2	1,848.32	1/2	1,452.83	1/2	1,057.55	1/2	661.54	1/2	265.68	1/2		1/2	1/2	1/2		1/2	
3/4	2,236.09	3/4	1,840.07	3/4	1,444.60	3/4	1,049.30	3/4	653.29	3/4	257.44	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/2007 CL - SW  
CALCULATED: 03/03/2007 CL  
PRINTED: 03/03/2007 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2007

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



# BARGE "KIRBY 30340B"

## 1 STBD 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		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0		0		0	4,982.60	0	4,612.46	0	4,222.70	0	3,827.09	0	3,431.49	0	3,035.85		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,975.11	1/4	4,604.55	1/4	4,214.46	1/4	3,818.85	1/4	3,423.25	1/4	3,027.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,967.58	1/2	4,596.60	1/2	4,206.22	1/2	3,810.61	1/2	3,415.00	1/2	3,019.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,304.37	3/4	4,960.06	3/4	4,588.65	3/4	4,197.98	3/4	3,802.37	3/4	3,011.11		
1		1		1		1		1	5,299.56	1	4,952.53	1	4,580.70	1	4,189.73	1	3,794.13	1	3,398.52	1	3,002.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,294.75	1/4	4,945.00	1/4	4,572.75	1/4	4,181.49	1/4	3,785.89	1/4	3,390.28	1/4	2,994.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,288.57	1/2	4,937.44	1/2	4,564.77	1/2	4,173.25	1/2	3,777.64	1/2	3,382.04	1/2	2,986.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,282.38	3/4	4,929.88	3/4	4,556.79	3/4	4,165.01	3/4	3,769.40	3/4	3,373.80	3/4	2,978.13
2		2		2		2		2	5,276.20	2	4,922.31	2	4,548.80	2	4,156.77	2	3,761.16	2	3,365.55	2	2,969.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,270.01	1/4	4,914.75	1/4	4,540.82	1/4	4,148.52	1/4	3,752.92	1/4	3,357.31	1/4	2,961.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,262.45	1/2	4,907.15	1/2	4,532.80	1/2	4,140.28	1/2	3,744.68	1/2	3,349.07	1/2	2,953.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,254.90	3/4	4,899.56	3/4	4,524.78	3/4	4,132.04	3/4	3,736.43	3/4	3,340.83	3/4	2,945.14
3		3		3		3		3	5,247.34	3	4,891.96	3	4,516.77	3	4,123.80	3	3,728.19	3	3,332.59	3	2,936.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,239.78	1/4	4,884.36	1/4	4,508.75	1/4	4,115.56	1/4	3,719.95	1/4	3,324.34	1/4	2,928.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,232.57	1/2	4,876.73	1/2	4,500.69	1/2	4,107.32	1/2	3,711.71	1/2	3,316.10	1/2	2,920.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,225.35	3/4	4,869.10	3/4	4,492.64	3/4	4,099.07	3/4	3,703.47	3/4	3,307.86	3/4	2,912.16
4		4		4		4		4	5,218.14	4	4,861.47	4	4,484.59	4	4,090.83	4	3,695.23	4	3,299.62	4	2,903.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,210.93	1/4	4,853.83	1/4	4,476.53	1/4	4,082.59	1/4	3,686.98	1/4	3,291.38	1/4	2,895.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,203.68	1/2	4,846.17	1/2	4,468.45	1/2	4,074.35	1/2	3,678.74	1/2	3,283.14	1/2	2,887.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,196.44	3/4	4,838.50	3/4	4,460.36	3/4	4,066.11	3/4	3,670.50	3/4	3,274.89	3/4	2,879.17
5		5		5		5		5	5,189.19	5	4,830.83	5	4,452.27	5	4,057.86	5	3,662.26	5	3,266.65	5	2,870.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,181.94	1/4	4,823.16	1/4	4,444.18	1/4	4,049.62	1/4	3,654.02	1/4	3,258.41	1/4	2,862.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,174.66	1/2	4,815.46	1/2	4,436.06	1/2	4,041.38	1/2	3,645.77	1/2	3,250.17	1/2	2,854.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,167.38	3/4	4,807.76	3/4	4,427.93	3/4	4,033.14	3/4	3,637.53	3/4	3,241.93	3/4	2,846.19
6		6		6		6		6	5,160.10	6	4,800.05	6	4,419.81	6	4,024.90	6	3,629.29	6	3,233.68	6	2,837.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,152.82	1/4	4,792.35	1/4	4,411.69	1/4	4,016.66	1/4	3,621.05	1/4	3,225.44	1/4	2,829.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,145.50	1/2	4,784.61	1/2	4,403.53	1/2	4,008.41	1/2	3,612.81	1/2	3,217.20	1/2	2,821.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,138.18	3/4	4,776.88	3/4	4,395.37	3/4	4,000.17	3/4	3,604.57	3/4	3,208.96	3/4	2,813.20
7		7		7		7		7	5,130.87	7	4,769.14	7	4,387.21	7	3,991.93	7	3,596.32	7	3,200.72	7	2,804.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,123.55	1/4	4,761.40	1/4	4,379.05	1/4	3,983.69	1/4	3,588.08	1/4	3,192.48	1/4	2,796.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,116.20	1/2	4,753.63	1/2	4,370.86	1/2	3,975.45	1/2	3,579.84	1/2	3,184.23	1/2	2,788.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,108.85	3/4	4,745.86	3/4	4,362.67	3/4	3,967.20	3/4	3,571.60	3/4	3,175.99	3/4	2,780.22
8		8		8		8		8	5,101.49	8	4,738.08	8	4,354.47	8	3,958.96	8	3,563.36	8	3,167.75	8	2,771.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,094.14	1/4	4,730.31	1/4	4,346.28	1/4	3,950.72	1/4	3,555.11	1/4	3,159.51	1/4	2,763.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,086.76	1/2	4,722.50	1/2	4,338.05	1/2	3,942.48	1/2	3,546.87	1/2	3,151.27	1/2	2,755.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,079.37	3/4	4,714.70	3/4	4,329.82	3/4	3,934.24	3/4	3,538.63	3/4	3,143.02	3/4	2,747.23
9		9		9		9		9	5,071.98	9	4,706.89	9	4,321.59	9	3,926.00	9	3,530.39	9	3,134.78	9	2,738.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,064.59	1/4	4,699.08	1/4	4,313.36	1/4	3,917.75	1/4	3,522.15	1/4	3,126.54	1/4	2,730.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,057.17	1/2	4,691.24	1/2	4,305.12	1/2	3,909.51	1/2	3,513.91	1/2	3,118.30	1/2	2,722.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,049.75	3/4	4,683.39	3/4	4,296.88	3/4	3,901.27	3/4	3,505.66	3/4	3,110.06	3/4	2,714.25
10		10		10		10		10	5,042.33	10	4,675.55	10	4,288.63	10	3,893.03	10	3,497.42	10	3,101.82	10	2,706.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,034.91	1/4	4,667.71	1/4	4,280.39	1/4	3,884.79	1/4	3,489.18	1/4	3,093.57	1/4	2,697.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,027.45	1/2	4,659.83	1/2	4,272.15	1/2	3,876.54	1/2	3,480.94	1/2	3,085.33	1/2	2,689.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,019.99	3/4	4,651.95	3/4	4,263.91	3/4	3,868.30	3/4	3,472.70	3/4	3,077.08	3/4	2,681.26
11		11		11		11		11	5,012.54	11	4,644.07	11	4,255.67	11	3,860.06	11	3,464.45	11	3,068.84	11	2,673.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,005.08	1/4	4,636.20	1/4	4,247.43	1/4	3,851.82	1/4	3,456.21	1/4	3,060.59	1/4	2,664.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,997.59	1/2	4,628.28	1/2	4,239.18	1/2	3,843.58	1/2	3,447.97	1/2	3,052.34	1/2	2,656.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,990.09	3/4	4,620.37	3/4	4,230.94	3/4	3,835.34	3/4	3,439.73	3/4	3,044.10	3/4	2,648.28

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 30340B"

## 1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,640.03	0	2,244.22	0	1,848.61	0	1,452.76	0	1,057.08	0	661.25	0	265.56	0		0		0	
1/4	2,631.79	1/4	2,235.97	1/4	1,840.36	1/4	1,444.51	1/4	1,048.84	1/4	653.00	1/4	257.33	1/4		1/4		1/4	
1/2	2,623.54	1/2	2,227.72	1/2	1,832.11	1/2	1,436.27	1/2	1,040.59	1/2	644.76	1/2	249.35	1/2		1/2		1/2	
3/4	2,615.29	3/4	2,219.48	3/4	1,823.87	3/4	1,428.02	3/4	1,032.35	3/4	636.51	3/4	241.38	3/4		3/4		3/4	
1	2,607.05	1	2,211.23	1	1,815.62	1	1,419.77	1	1,024.10	1	628.26	1	233.41	1		1		1	
1/4	2,598.80	1/4	2,202.98	1/4	1,807.37	1/4	1,411.53	1/4	1,015.85	1/4	620.02	1/4	225.43	1/4		1/4		1/4	
1/2	2,590.56	1/2	2,194.74	1/2	1,799.12	1/2	1,403.28	1/2	1,007.61	1/2	611.77	1/2	217.46	1/2		1/2		1/2	
3/4	2,582.31	3/4	2,186.49	3/4	1,790.88	3/4	1,395.03	3/4	999.36	3/4	603.52	3/4	209.49	3/4		3/4		3/4	
2	2,574.06	2	2,178.25	2	1,782.63	2	1,386.78	2	991.11	2	595.28	2	201.52	2		2		2	
1/4	2,565.82	1/4	2,170.00	1/4	1,774.38	1/4	1,378.54	1/4	982.87	1/4	587.03	1/4	193.55	1/4		1/4		1/4	
1/2	2,557.57	1/2	2,161.75	1/2	1,766.14	1/2	1,370.29	1/2	974.62	1/2	578.78	1/2	185.60	1/2		1/2		1/2	
3/4	2,549.32	3/4	2,153.51	3/4	1,757.89	3/4	1,362.04	3/4	966.37	3/4	570.54	3/4	177.64	3/4		3/4		3/4	
3	2,541.08	3	2,145.26	3	1,749.64	3	1,353.80	3	958.13	3	562.29	3	169.68	3		3		3	
1/4	2,532.83	1/4	2,137.01	1/4	1,741.40	1/4	1,345.55	1/4	949.88	1/4	554.04	1/4	161.72	1/4		1/4		1/4	
1/2	2,524.59	1/2	2,128.77	1/2	1,733.15	1/2	1,337.30	1/2	941.63	1/2	545.80	1/2	153.77	1/2		1/2		1/2	
3/4	2,516.34	3/4	2,120.52	3/4	1,724.90	3/4	1,329.06	3/4	933.39	3/4	537.55	3/4	145.83	3/4		3/4		3/4	
4	2,508.09	4	2,112.28	4	1,716.66	4	1,320.81	4	925.14	4	529.30	4	137.89	4		4		4	
1/4	2,499.85	1/4	2,104.03	1/4	1,708.41	1/4	1,312.56	1/4	916.89	1/4	521.06	1/4	129.95	1/4		1/4		1/4	
1/2	2,491.60	1/2	2,095.78	1/2	1,700.16	1/2	1,304.32	1/2	908.65	1/2	512.81	1/2	122.01	1/2		1/2		1/2	
3/4	2,483.36	3/4	2,087.54	3/4	1,691.92	3/4	1,296.08	3/4	900.40	3/4	504.56	3/4	114.08	3/4		3/4		3/4	
5	2,475.11	5	2,079.29	5	1,683.67	5	1,287.84	5	892.15	5	496.32	5	106.15	5		5		5	
1/4	2,466.86	1/4	2,071.05	1/4	1,675.42	1/4	1,279.60	1/4	883.91	1/4	488.07	1/4	98.22	1/4		1/4		1/4	
1/2	2,458.62	1/2	2,062.81	1/2	1,667.18	1/2	1,271.36	1/2	875.66	1/2	479.82	1/2	90.34	1/2		1/2		1/2	
3/4	2,450.37	3/4	2,054.57	3/4	1,658.93	3/4	1,263.12	3/4	867.41	3/4	471.58	3/4	82.45	3/4		3/4		3/4	
6	2,442.12	6	2,046.33	6	1,650.68	6	1,254.87	6	859.17	6	463.33	6	74.57	6		6		6	
1/4	2,433.88	1/4	2,038.09	1/4	1,642.44	1/4	1,246.63	1/4	850.92	1/4	455.08	1/4	66.68	1/4		1/4		1/4	
1/2	2,425.63	1/2	2,029.85	1/2	1,634.19	1/2	1,238.39	1/2	842.67	1/2	446.84	1/2	59.47	1/2		1/2		1/2	
3/4	2,417.39	3/4	2,021.62	3/4	1,625.94	3/4	1,230.15	3/4	834.43	3/4	438.59	3/4	52.26	3/4		3/4		3/4	
7	2,409.14	7	2,013.39	7	1,617.70	7	1,221.91	7	826.18	7	430.34	7	45.05	7		7		7	
1/4	2,400.89	1/4	2,005.16	1/4	1,609.45	1/4	1,213.67	1/4	817.93	1/4	422.10	1/4	37.84	1/4		1/4		1/4	
1/2	2,392.65	1/2	1,996.92	1/2	1,601.20	1/2	1,205.43	1/2	809.69	1/2	413.85	1/2	32.69	1/2		1/2		1/2	
3/4	2,384.40	3/4	1,988.69	3/4	1,592.95	3/4	1,197.18	3/4	801.44	3/4	405.60	3/4	27.53	3/4		3/4		3/4	
8	2,376.15	8	1,980.46	8	1,584.71	8	1,188.94	8	793.19	8	397.36	8	22.38	8		8		8	
1/4	2,367.91	1/4	1,972.23	1/4	1,576.46	1/4	1,180.70	1/4	784.95	1/4	389.11	1/4	17.22	1/4		1/4		1/4	
1/2	2,359.66	1/2	1,963.99	1/2	1,568.21	1/2	1,172.46	1/2	776.70	1/2	380.86	1/2		1/2		1/2		1/2	
3/4	2,351.42	3/4	1,955.76	3/4	1,559.97	3/4	1,164.22	3/4	768.45	3/4	372.62	3/4		3/4		3/4		3/4	
9	2,343.17	9	1,947.53	9	1,551.72	9	1,155.98	9	760.21	9	364.37	9	9	9		9		9	
1/4	2,334.92	1/4	1,939.30	1/4	1,543.47	1/4	1,147.74	1/4	751.96	1/4	356.12	1/4		1/4		1/4		1/4	
1/2	2,326.68	1/2	1,931.05	1/2	1,535.23	1/2	1,139.49	1/2	743.71	1/2	347.89	1/2		1/2		1/2		1/2	
3/4	2,318.43	3/4	1,922.81	3/4	1,526.98	3/4	1,131.25	3/4	735.47	3/4	339.66	3/4		3/4		3/4		3/4	
10	2,310.18	10	1,914.57	10	1,518.73	10	1,123.01	10	727.22	10	331.43	10		10		10		10	
1/4	2,301.94	1/4	1,906.33	1/4	1,510.49	1/4	1,114.77	1/4	718.97	1/4	323.19	1/4		1/4		1/4		1/4	
1/2	2,293.69	1/2	1,898.09	1/2	1,502.24	1/2	1,106.53	1/2	710.73	1/2	314.96	1/2		1/2		1/2		1/2	
3/4	2,285.45	3/4	1,889.84	3/4	1,493.99	3/4	1,098.29	3/4	702.48	3/4	306.73	3/4		3/4		3/4		3/4	
11	2,277.20	11	1,881.59	11	1,485.75	11	1,090.05	11	694.23	11	298.49	11		11		11		11	
1/4	2,268.95	1/4	1,873.35	1/4	1,477.50	1/4	1,081.80	1/4	685.99	1/4	290.26	1/4		1/4		1/4		1/4	
1/2	2,260.71	1/2	1,865.10	1/2	1,469.25	1/2	1,073.56	1/2	677.74	1/2	282.03	1/2		1/2		1/2		1/2	
3/4	2,252.46	3/4	1,856.85	3/4	1,461.01	3/4	1,065.32	3/4	669.50	3/4	273.79	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/2007 CL - SW  
CALCULATED: 03/03/2007 CL  
PRINTED: 03/03/2007 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2007

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



# BARGE "KIRBY 30340B"

## 2 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			
0		0		0		0		0	4,934.24	0	4,565.72	0	4,177.69	0	3,784.14	0	3,390.59	0	2,997.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,926.76	1/4	4,557.81	1/4	4,169.49	1/4	3,775.94	1/4	3,382.39	1/4	2,988.80		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,261.65	1/2	4,919.27	1/2	4,549.91	1/2	4,161.29	1/2	3,767.74	1/2	3,374.19	1/2	2,980.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,256.86	3/4	4,911.79	3/4	4,542.00	3/4	4,153.09	3/4	3,759.54	3/4	3,365.99	3/4	2,972.40
1		1		1		1		1	5,252.08	1	4,904.30	1	4,534.10	1	4,144.89	1	3,751.34	1	3,357.80	1	2,964.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,245.93	1/4	4,896.78	1/4	4,526.16	1/4	4,136.69	1/4	3,743.14	1/4	3,349.60	1/4	2,955.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,239.77	1/2	4,889.26	1/2	4,518.21	1/2	4,128.49	1/2	3,734.94	1/2	3,341.40	1/2	2,947.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,233.62	3/4	4,881.74	3/4	4,510.27	3/4	4,120.29	3/4	3,726.75	3/4	3,333.20	3/4	2,939.58
2		2		2		2		2	5,227.47	2	4,874.22	2	4,502.33	2	4,112.09	2	3,718.55	2	3,325.00	2	2,931.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,219.95	1/4	4,866.67	1/4	4,494.36	1/4	4,103.90	1/4	3,710.35	1/4	3,316.80	1/4	2,923.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,212.43	1/2	4,859.11	1/2	4,486.38	1/2	4,095.70	1/2	3,702.15	1/2	3,308.60	1/2	2,914.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,204.91	3/4	4,851.56	3/4	4,478.41	3/4	4,087.50	3/4	3,693.95	3/4	3,300.40	3/4	2,906.77
3		3		3		3		3	5,197.39	3	4,844.00	3	4,470.43	3	4,079.30	3	3,685.75	3	3,292.20	3	2,898.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,190.22	1/4	4,836.41	1/4	4,462.42	1/4	4,071.10	1/4	3,677.55	1/4	3,284.01	1/4	2,890.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,183.05	1/2	4,828.82	1/2	4,454.41	1/2	4,062.90	1/2	3,669.35	1/2	3,275.81	1/2	2,882.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,175.88	3/4	4,821.23	3/4	4,446.40	3/4	4,054.70	3/4	3,661.15	3/4	3,267.61	3/4	2,873.96
4		4		4		4		4	5,168.71	4	4,813.64	4	4,438.39	4	4,046.50	4	3,652.96	4	3,259.41	4	2,865.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,161.51	1/4	4,806.02	1/4	4,430.34	1/4	4,038.30	1/4	3,644.76	1/4	3,251.21	1/4	2,857.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,154.30	1/2	4,798.39	1/2	4,422.30	1/2	4,030.10	1/2	3,636.56	1/2	3,243.01	1/2	2,849.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,147.10	3/4	4,790.77	3/4	4,414.25	3/4	4,021.91	3/4	3,628.36	3/4	3,234.81	3/4	2,841.14
5		5		5		5		5	5,139.89	5	4,783.14	5	4,406.21	5	4,013.71	5	3,620.16	5	3,226.61	5	2,832.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,132.65	1/4	4,775.48	1/4	4,398.13	1/4	4,005.51	1/4	3,611.96	1/4	3,218.41	1/4	2,824.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,125.41	1/2	4,767.82	1/2	4,390.05	1/2	3,997.31	1/2	3,603.76	1/2	3,210.21	1/2	2,816.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,118.17	3/4	4,760.16	3/4	4,381.96	3/4	3,989.11	3/4	3,595.56	3/4	3,202.02	3/4	2,808.33
6		6		6		6		6	5,110.93	6	4,752.50	6	4,373.88	6	3,980.91	6	3,587.36	6	3,193.82	6	2,800.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,103.66	1/4	4,744.81	1/4	4,365.77	1/4	3,972.71	1/4	3,579.17	1/4	3,185.62	1/4	2,791.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,096.38	1/2	4,737.11	1/2	4,357.65	1/2	3,964.51	1/2	3,570.97	1/2	3,177.42	1/2	2,783.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,089.11	3/4	4,729.42	3/4	4,349.54	3/4	3,956.31	3/4	3,562.77	3/4	3,169.22	3/4	2,775.52
7		7		7		7		7	5,081.84	7	4,721.72	7	4,341.42	7	3,948.12	7	3,554.57	7	3,161.02	7	2,767.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,074.53	1/4	4,713.99	1/4	4,333.27	1/4	3,939.92	1/4	3,546.37	1/4	3,152.82	1/4	2,759.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,067.22	1/2	4,706.26	1/2	4,325.12	1/2	3,931.72	1/2	3,538.17	1/2	3,144.62	1/2	2,750.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,059.91	3/4	4,698.53	3/4	4,316.97	3/4	3,923.52	3/4	3,529.97	3/4	3,136.42	3/4	2,742.70
8		8		8		8		8	5,052.60	8	4,690.80	8	4,308.82	8	3,915.32	8	3,521.77	8	3,128.23	8	2,734.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,045.25	1/4	4,683.04	1/4	4,300.63	1/4	3,907.12	1/4	3,513.57	1/4	3,120.03	1/4	2,726.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,037.91	1/2	4,675.27	1/2	4,292.44	1/2	3,898.92	1/2	3,505.38	1/2	3,111.83	1/2	2,718.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,030.56	3/4	4,667.51	3/4	4,284.26	3/4	3,890.72	3/4	3,497.18	3/4	3,103.63	3/4	2,709.89
9		9		9		9		9	5,023.22	9	4,659.74	9	4,276.07	9	3,882.52	9	3,488.98	9	3,095.43	9	2,701.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,015.84	1/4	4,651.94	1/4	4,267.87	1/4	3,874.33	1/4	3,480.78	1/4	3,087.23	1/4	2,693.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,008.46	1/2	4,644.14	1/2	4,259.67	1/2	3,866.13	1/2	3,472.58	1/2	3,079.03	1/2	2,685.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,001.08	3/4	4,636.34	3/4	4,251.48	3/4	3,857.93	3/4	3,464.38	3/4	3,070.83	3/4	2,677.07
10		10		10		10		10	4,993.70	10	4,628.54	10	4,243.28	10	3,849.73	10	3,456.18	10	3,062.63	10	2,668.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,986.29	1/4	4,620.70	1/4	4,235.08	1/4	3,841.53	1/4	3,447.98	1/4	3,054.43	1/4	2,660.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,978.87	1/2	4,612.87	1/2	4,226.88	1/2	3,833.33	1/2	3,439.78	1/2	3,046.23	1/2	2,652.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,971.46	3/4	4,605.03	3/4	4,218.68	3/4	3,825.13	3/4	3,431.59	3/4	3,038.02	3/4	2,644.26
11		11		11		11		11	4,964.04	11	4,597.20	11	4,210.48	11	3,816.93	11	3,423.39	11	3,029.82	11	2,636.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,956.59	1/4	4,589.33	1/4	4,202.28	1/4	3,808.73	1/4	3,415.19	1/4	3,021.62	1/4	2,627.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,949.14	1/2	4,581.46	1/2	4,194.08	1/2	3,800.54	1/2	3,406.99	1/2	3,013.41	1/2	2,619.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,941.69	3/4	4,573.59	3/4	4,185.88	3/4	3,792.34	3/4	3,398.79	3/4	3,005.21	3/4	2,611.45

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 30340B"

## 2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08"

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	2,603.24	0	2,209.48	0	1,815.72	0	1,423.20	0	1,043.28	0	649.53	0	255.95	0		0		0	
1/4	2,595.04	1/4	2,201.28	1/4	1,807.51	1/4	1,415.31	1/4	1,035.08	1/4	641.33	1/4	248.01	1/4	1/4	1/4		1/4	1/4
1/2	2,586.84	1/2	2,193.07	1/2	1,799.31	1/2	1,407.41	1/2	1,026.87	1/2	633.13	1/2	240.08	1/2	1/2	1/2		1/2	1/2
3/4	2,578.63	3/4	2,184.87	3/4	1,791.11	3/4	1,399.52	3/4	1,018.67	3/4	624.92	3/4	232.15	3/4	3/4	3/4		3/4	3/4
1	2,570.43	1	2,176.67	1	1,782.90	1	1,391.63	1	1,010.47	1	616.72	1	224.22	1		1		1	1
1/4	2,562.23	1/4	2,168.46	1/4	1,774.70	1/4	1,383.73	1/4	1,002.27	1/4	608.52	1/4	216.30	1/4	1/4	1/4		1/4	1/4
1/2	2,554.02	1/2	2,160.26	1/2	1,766.50	1/2	1,375.84	1/2	994.06	1/2	600.31	1/2	208.37	1/2	1/2	1/2		1/2	1/2
3/4	2,545.82	3/4	2,152.06	3/4	1,758.29	3/4	1,367.95	3/4	985.86	3/4	592.11	3/4	200.44	3/4	3/4	3/4		3/4	3/4
2	2,537.62	2	2,143.85	2	1,750.09	2	1,360.06	2	977.66	2	583.91	2	192.52	2		2		2	2
1/4	2,529.41	1/4	2,135.65	1/4	1,741.89	1/4	1,352.16	1/4	969.45	1/4	575.70	1/4	184.60	1/4	1/4	1/4		1/4	1/4
1/2	2,521.21	1/2	2,127.45	1/2	1,733.68	1/2	1,344.27	1/2	961.25	1/2	567.50	1/2	176.69	1/2	1/2	1/2		1/2	1/2
3/4	2,513.01	3/4	2,119.24	3/4	1,725.48	3/4	1,336.38	3/4	953.05	3/4	559.30	3/4	168.77	3/4	3/4	3/4		3/4	3/4
3	2,504.80	3	2,111.04	3	1,717.28	3	1,328.49	3	944.84	3	551.10	3	160.85	3		3		3	3
1/4	2,496.60	1/4	2,102.84	1/4	1,709.07	1/4	1,320.59	1/4	936.64	1/4	542.89	1/4	152.95	1/4	1/4	1/4		1/4	1/4
1/2	2,488.40	1/2	2,094.63	1/2	1,700.87	1/2	1,312.70	1/2	928.44	1/2	534.69	1/2	145.05	1/2	1/2	1/2		1/2	1/2
3/4	2,480.19	3/4	2,086.43	3/4	1,692.67	3/4	1,304.81	3/4	920.23	3/4	526.49	3/4	137.15	3/4	3/4	3/4		3/4	3/4
4	2,471.99	4	2,078.23	4	1,684.46	4	1,296.92	4	912.03	4	518.28	4	129.25	4		4		4	4
1/4	2,463.79	1/4	2,070.02	1/4	1,676.26	1/4	1,289.03	1/4	903.83	1/4	510.08	1/4	121.37	1/4	1/4	1/4		1/4	1/4
1/2	2,455.58	1/2	2,061.82	1/2	1,668.06	1/2	1,281.14	1/2	895.63	1/2	501.88	1/2	113.48	1/2	1/2	1/2		1/2	1/2
3/4	2,447.38	3/4	2,053.62	3/4	1,659.85	3/4	1,273.25	3/4	887.42	3/4	493.67	3/4	105.59	3/4	3/4	3/4		3/4	3/4
5	2,439.18	5	2,045.41	5	1,651.65	5	1,265.37	5	879.22	5	485.47	5	97.70	5		5		5	5
1/4	2,430.97	1/4	2,037.21	1/4	1,643.45	1/4	1,257.48	1/4	871.02	1/4	477.27	1/4	89.86	1/4	1/4	1/4		1/4	1/4
1/2	2,422.77	1/2	2,029.01	1/2	1,635.24	1/2	1,249.59	1/2	862.81	1/2	469.06	1/2	82.02	1/2	1/2	1/2		1/2	1/2
3/4	2,414.57	3/4	2,020.80	3/4	1,627.04	3/4	1,241.71	3/4	854.61	3/4	460.86	3/4	74.18	3/4	3/4	3/4		3/4	3/4
6	2,406.36	6	2,012.60	6	1,618.84	6	1,233.82	6	846.41	6	452.66	6	66.33	6		6		6	6
1/4	2,398.16	1/4	2,004.40	1/4	1,610.63	1/4	1,225.93	1/4	838.20	1/4	444.45	1/4	59.16	1/4	1/4	1/4		1/4	1/4
1/2	2,389.96	1/2	1,996.19	1/2	1,602.43	1/2	1,218.04	1/2	830.00	1/2	436.25	1/2	51.99	1/2	1/2	1/2		1/2	1/2
3/4	2,381.75	3/4	1,987.99	3/4	1,594.23	3/4	1,210.16	3/4	821.80	3/4	428.05	3/4	44.82	3/4	3/4	3/4		3/4	3/4
7	2,373.55	7	1,979.79	7	1,586.02	7	1,202.27	7	813.59	7	419.85	7	37.65	7		7		7	7
1/4	2,365.35	1/4	1,971.58	1/4	1,577.82	1/4	1,194.38	1/4	805.39	1/4	411.64	1/4	32.52	1/4	1/4	1/4		1/4	1/4
1/2	2,357.14	1/2	1,963.38	1/2	1,569.62	1/2	1,186.50	1/2	797.19	1/2	403.44	1/2	27.39	1/2	1/2	1/2		1/2	1/2
3/4	2,348.94	3/4	1,955.18	3/4	1,561.41	3/4	1,178.61	3/4	788.99	3/4	395.24	3/4	22.26	3/4	3/4	3/4		3/4	3/4
8	2,340.74	8	1,946.97	8	1,553.21	8	1,170.72	8	780.78	8	387.03	8	17.14	8		8		8	8
1/4	2,332.53	1/4	1,938.77	1/4	1,545.01	1/4	1,162.83	1/4	772.58	1/4	378.83	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,324.33	1/2	1,930.57	1/2	1,536.80	1/2	1,154.95	1/2	764.38	1/2	370.63	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,316.13	3/4	1,922.36	3/4	1,528.60	3/4	1,147.06	3/4	756.17	3/4	362.42	3/4		3/4	3/4	3/4		3/4	3/4
9	2,307.92	9	1,914.16	9	1,520.40	9	1,139.17	9	747.97	9	354.22	9	9	9		9		9	9
1/4	2,299.72	1/4	1,905.96	1/4	1,512.19	1/4	1,131.29	1/4	739.77	1/4	346.03	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,291.52	1/2	1,897.75	1/2	1,503.99	1/2	1,123.40	1/2	731.56	1/2	337.84	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,283.31	3/4	1,889.55	3/4	1,495.79	3/4	1,115.51	3/4	723.36	3/4	329.65	3/4		3/4	3/4	3/4		3/4	3/4
10	2,275.11	10	1,881.35	10	1,487.58	10	1,107.62	10	715.16	10	321.46	10		10		10		10	10
1/4	2,266.90	1/4	1,873.14	1/4	1,479.38	1/4	1,099.74	1/4	706.95	1/4	313.27	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,258.70	1/2	1,864.94	1/2	1,471.18	1/2	1,091.85	1/2	698.75	1/2	305.08	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,250.50	3/4	1,856.73	3/4	1,462.97	3/4	1,083.96	3/4	690.55	3/4	296.89	3/4		3/4	3/4	3/4		3/4	3/4
11	2,242.29	11	1,848.53	11	1,454.77	11	1,076.07	11	682.34	11	288.70	11		11		11		11	11
1/4	2,234.09	1/4	1,840.33	1/4	1,446.88	1/4	1,067.88	1/4	674.14	1/4	280.51	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,225.89	1/2	1,832.12	1/2	1,438.98	1/2	1,059.68	1/2	665.94	1/2	272.32	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,217.68	3/4	1,823.92	3/4	1,431.09	3/4	1,051.48	3/4	657.74	3/4	264.14	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/2007 CL - SW  
CALCULATED: 03/03/2007 CL  
PRINTED: 03/03/2007 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2007

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



# BARGE "KIRBY 30340B"

## 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		IN		IN		IN		IN		IN		IN		IN		IN		IN		
0		0		0		0		4,942.36	0	4,573.21	0	4,184.68	0	3,790.92	0	3,397.16	0	3,003.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,277.44	1/4	4,934.87	1/4	4,565.30	1/4	4,176.48	1/4	3,782.72	1/4	3,388.96	1/4	2,995.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,272.66	1/2	4,927.38	1/2	4,557.39	1/2	4,168.27	1/2	3,774.51	1/2	3,380.76	1/2	2,986.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,267.87	3/4	4,919.89	3/4	4,549.48	3/4	4,160.07	3/4	3,766.31	3/4	3,372.55	3/4	2,978.75
1		1		1		1		5,261.71	1	4,912.37	1	4,541.53	1	4,151.87	1	3,758.11	1	3,364.35	1	2,970.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,255.56	1/4	4,904.84	1/4	4,533.59	1/4	4,143.66	1/4	3,749.90	1/4	3,356.15	1/4	2,962.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,249.40	1/2	4,897.32	1/2	4,525.64	1/2	4,135.46	1/2	3,741.70	1/2	3,347.94	1/2	2,954.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,243.25	3/4	4,889.79	3/4	4,517.70	3/4	4,127.26	3/4	3,733.50	3/4	3,339.74	3/4	2,945.92
2		2		2		2		5,235.72	2	4,882.23	2	4,509.72	2	4,119.05	2	3,725.29	2	3,331.54	2	2,937.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,228.20	1/4	4,874.67	1/4	4,501.74	1/4	4,110.85	1/4	3,717.09	1/4	3,323.33	1/4	2,929.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,220.67	1/2	4,867.12	1/2	4,493.76	1/2	4,102.65	1/2	3,708.89	1/2	3,315.13	1/2	2,921.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,213.15	3/4	4,859.56	3/4	4,485.78	3/4	4,094.44	3/4	3,700.68	3/4	3,306.93	3/4	2,913.10
3		3		3		3		5,205.97	3	4,851.96	3	4,477.76	3	4,086.24	3	3,692.48	3	3,298.72	3	2,904.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,198.80	1/4	4,844.37	1/4	4,469.75	1/4	4,078.04	1/4	3,684.28	1/4	3,290.52	1/4	2,896.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,191.63	1/2	4,836.77	1/2	4,461.73	1/2	4,069.83	1/2	3,676.07	1/2	3,282.32	1/2	2,888.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,184.45	3/4	4,829.18	3/4	4,453.72	3/4	4,061.63	3/4	3,667.87	3/4	3,274.11	3/4	2,880.27
4		4		4		4		5,177.24	4	4,821.55	4	4,445.67	4	4,053.43	4	3,659.67	4	3,265.91	4	2,872.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,170.03	1/4	4,813.92	1/4	4,437.62	1/4	4,045.22	1/4	3,651.46	1/4	3,257.71	1/4	2,863.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,162.83	1/2	4,806.29	1/2	4,429.57	1/2	4,037.02	1/2	3,643.26	1/2	3,249.50	1/2	2,855.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,155.62	3/4	4,798.66	3/4	4,421.52	3/4	4,028.82	3/4	3,635.06	3/4	3,241.30	3/4	2,847.44
5		5		5		5		5,148.37	5	4,791.00	5	4,413.43	5	4,020.61	5	3,626.85	5	3,233.10	5	2,839.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,141.13	1/4	4,783.33	1/4	4,405.35	1/4	4,012.41	1/4	3,618.65	1/4	3,224.89	1/4	2,831.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,133.89	1/2	4,775.67	1/2	4,397.26	1/2	4,004.21	1/2	3,610.45	1/2	3,216.69	1/2	2,822.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,126.64	3/4	4,768.00	3/4	4,389.18	3/4	3,996.00	3/4	3,602.24	3/4	3,208.49	3/4	2,814.61
6		6		6		6		5,119.36	6	4,760.31	6	4,381.06	6	3,987.80	6	3,594.04	6	3,200.28	6	2,806.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,112.08	1/4	4,752.61	1/4	4,372.94	1/4	3,979.60	1/4	3,585.84	1/4	3,192.08	1/4	2,798.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,104.81	1/2	4,744.91	1/2	4,364.82	1/2	3,971.39	1/2	3,577.63	1/2	3,183.88	1/2	2,789.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,097.53	3/4	4,737.21	3/4	4,356.70	3/4	3,963.19	3/4	3,569.43	3/4	3,175.67	3/4	2,781.79
7		7		7		7		5,090.21	7	4,729.47	7	4,348.54	7	3,954.99	7	3,561.23	7	3,167.47	7	2,773.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,082.90	1/4	4,721.74	1/4	4,340.39	1/4	3,946.78	1/4	3,553.02	1/4	3,159.27	1/4	2,765.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,075.58	1/2	4,714.00	1/2	4,332.23	1/2	3,938.58	1/2	3,544.82	1/2	3,151.06	1/2	2,757.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,068.27	3/4	4,706.27	3/4	4,324.08	3/4	3,930.38	3/4	3,536.62	3/4	3,142.86	3/4	2,748.96
8		8		8		8		5,060.92	8	4,698.50	8	4,315.89	8	3,922.17	8	3,528.41	8	3,134.66	8	2,740.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,053.57	1/4	4,690.73	1/4	4,307.70	1/4	3,913.97	1/4	3,520.21	1/4	3,126.45	1/4	2,732.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,046.22	1/2	4,682.96	1/2	4,299.51	1/2	3,905.77	1/2	3,512.01	1/2	3,118.25	1/2	2,724.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,038.88	3/4	4,675.19	3/4	4,291.32	3/4	3,897.56	3/4	3,503.80	3/4	3,110.05	3/4	2,716.13
9		9		9		9		5,031.49	9	4,667.39	9	4,283.12	9	3,889.36	9	3,495.60	9	3,101.84	9	2,707.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,024.11	1/4	4,659.58	1/4	4,274.92	1/4	3,881.16	1/4	3,487.40	1/4	3,093.64	1/4	2,699.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,016.72	1/2	4,651.78	1/2	4,266.71	1/2	3,872.95	1/2	3,479.19	1/2	3,085.44	1/2	2,691.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,009.34	3/4	4,643.97	3/4	4,258.51	3/4	3,864.75	3/4	3,470.99	3/4	3,077.23	3/4	2,683.31
10		10		10		10		5,001.92	10	4,636.13	10	4,250.31	10	3,856.55	10	3,462.79	10	3,069.03	10	2,675.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,994.50	1/4	4,628.29	1/4	4,242.10	1/4	3,848.34	1/4	3,454.59	1/4	3,060.82	1/4	2,666.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,987.08	1/2	4,620.45	1/2	4,233.90	1/2	3,840.14	1/2	3,446.38	1/2	3,052.61	1/2	2,658.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,979.66	3/4	4,612.61	3/4	4,225.70	3/4	3,831.94	3/4	3,438.18	3/4	3,044.40	3/4	2,650.48
11		11		11		11		4,972.21	11	4,604.74	11	4,217.49	11	3,823.73	11	3,429.98	11	3,036.20	11	2,642.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,964.76	1/4	4,596.87	1/4	4,209.29	1/4	3,815.53	1/4	3,421.77	1/4	3,027.99	1/4	2,634.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,957.30	1/2	4,588.99	1/2	4,201.09	1/2	3,807.33	1/2	3,413.57	1/2	3,019.78	1/2	2,625.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,949.85	3/4	4,581.12	3/4	4,192.88	3/4	3,799.12	3/4	3,405.37	3/4	3,011.58	3/4	2,617.65

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 30340B"

**2 STBD  
ULLAGE TABLE**

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

**GAUGE HEIGHT 16'-07 3/4"**

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,609.44	0	2,215.52	0	1,823.44	0	1,429.46	0	1,035.66	0	641.69	0	248.15	0		0		0	
1/4	2,601.24	1/4	2,207.31	1/4	1,815.23	1/4	1,421.25	1/4	1,027.45	1/4	633.48	1/4	240.22	1/4		1/4		1/4	
1/2	2,593.03	1/2	2,199.10	1/2	1,807.02	1/2	1,413.04	1/2	1,019.24	1/2	625.27	1/2	232.28	1/2		1/2		1/2	
3/4	2,584.82	3/4	2,190.90	3/4	1,798.81	3/4	1,404.83	3/4	1,011.04	3/4	617.07	3/4	224.35	3/4		3/4		3/4	
1	2,576.62	1	2,182.69	1	1,790.61	1	1,396.63	1	1,002.83	1	608.86	1	216.42	1		1		1	
1/4	2,568.41	1/4	2,174.48	1/4	1,782.40	1/4	1,388.42	1/4	994.62	1/4	600.65	1/4	208.49	1/4		1/4		1/4	
1/2	2,560.20	1/2	2,166.28	1/2	1,774.19	1/2	1,380.21	1/2	986.41	1/2	592.44	1/2	200.56	1/2		1/2		1/2	
3/4	2,552.00	3/4	2,158.07	3/4	1,765.98	3/4	1,372.00	3/4	978.20	3/4	584.23	3/4	192.63	3/4		3/4		3/4	
2	2,543.79	2	2,149.86	2	1,757.77	2	1,363.79	2	970.00	2	576.03	2	184.71	2		2		2	
1/4	2,535.58	1/4	2,141.66	1/4	1,749.57	1/4	1,355.59	1/4	961.79	1/4	567.82	1/4	176.79	1/4		1/4		1/4	
1/2	2,527.38	1/2	2,133.45	1/2	1,741.36	1/2	1,347.38	1/2	953.58	1/2	559.61	1/2	168.86	1/2		1/2		1/2	
3/4	2,519.17	3/4	2,125.24	3/4	1,733.15	3/4	1,339.17	3/4	945.37	3/4	551.40	3/4	160.94	3/4		3/4		3/4	
3	2,510.96	3	2,117.04	3	1,724.94	3	1,330.96	3	937.17	3	543.20	3	153.04	3		3		3	
1/4	2,502.76	1/4	2,108.83	1/4	1,716.73	1/4	1,322.76	1/4	928.96	1/4	534.99	1/4	145.14	1/4		1/4		1/4	
1/2	2,494.55	1/2	2,100.62	1/2	1,708.53	1/2	1,314.55	1/2	920.75	1/2	526.78	1/2	137.23	1/2		1/2		1/2	
3/4	2,486.34	3/4	2,092.42	3/4	1,700.32	3/4	1,306.34	3/4	912.54	3/4	518.57	3/4	129.33	3/4		3/4		3/4	
4	2,478.14	4	2,084.21	4	1,692.11	4	1,298.14	4	904.34	4	510.37	4	121.43	4		4		4	
1/4	2,469.93	1/4	2,076.00	1/4	1,683.90	1/4	1,289.94	1/4	896.13	1/4	502.16	1/4	113.54	1/4		1/4		1/4	
1/2	2,461.72	1/2	2,067.80	1/2	1,675.70	1/2	1,281.73	1/2	887.92	1/2	493.95	1/2	105.65	1/2		1/2		1/2	
3/4	2,453.52	3/4	2,059.59	3/4	1,667.49	3/4	1,273.53	3/4	879.71	3/4	485.74	3/4	97.76	3/4		3/4		3/4	
5	2,445.31	5	2,051.44	5	1,659.28	5	1,265.33	5	871.50	5	477.53	5	89.91	5		5		5	
1/4	2,437.10	1/4	2,043.29	1/4	1,651.07	1/4	1,257.13	1/4	863.30	1/4	469.33	1/4	82.06	1/4		1/4		1/4	
1/2	2,428.89	1/2	2,035.14	1/2	1,642.86	1/2	1,248.92	1/2	855.09	1/2	461.12	1/2	74.22	1/2		1/2		1/2	
3/4	2,420.69	3/4	2,026.99	3/4	1,634.66	3/4	1,240.72	3/4	846.88	3/4	452.91	3/4	66.37	3/4		3/4		3/4	
6	2,412.48	6	2,018.90	6	1,626.45	6	1,232.52	6	838.67	6	444.70	6	59.19	6		6		6	
1/4	2,404.27	1/4	2,010.81	1/4	1,618.24	1/4	1,224.32	1/4	830.47	1/4	436.50	1/4	52.02	1/4		1/4		1/4	
1/2	2,396.07	1/2	2,002.72	1/2	1,610.03	1/2	1,216.11	1/2	822.26	1/2	428.29	1/2	44.84	1/2		1/2		1/2	
3/4	2,387.86	3/4	1,994.63	3/4	1,601.82	3/4	1,207.91	3/4	814.05	3/4	420.08	3/4	37.67	3/4		3/4		3/4	
7	2,379.65	7	1,986.54	7	1,593.62	7	1,199.71	7	805.84	7	411.87	7	32.54	7		7		7	
1/4	2,371.45	1/4	1,978.45	1/4	1,585.41	1/4	1,191.51	1/4	797.64	1/4	403.67	1/4	27.41	1/4		1/4		1/4	
1/2	2,363.24	1/2	1,970.36	1/2	1,577.20	1/2	1,183.31	1/2	789.43	1/2	395.46	1/2	22.28	1/2		1/2		1/2	
3/4	2,355.03	3/4	1,962.27	3/4	1,568.99	3/4	1,175.10	3/4	781.22	3/4	387.25	3/4	17.15	3/4		3/4		3/4	
8	2,346.83	8	1,954.18	8	1,560.78	8	1,166.90	8	773.01	8	379.04	8		8		8		8	
1/4	2,338.62	1/4	1,946.09	1/4	1,552.58	1/4	1,158.70	1/4	764.80	1/4	370.83	1/4		1/4		1/4		1/4	
1/2	2,330.41	1/2	1,938.00	1/2	1,544.37	1/2	1,150.50	1/2	756.60	1/2	362.63	1/2		1/2		1/2		1/2	
3/4	2,322.21	3/4	1,929.91	3/4	1,536.16	3/4	1,142.29	3/4	748.39	3/4	354.42	3/4		3/4		3/4		3/4	
9	2,314.00	9	1,921.76	9	1,527.95	9	1,134.09	9	740.18	9	346.23	9		9		9		9	
1/4	2,305.79	1/4	1,913.61	1/4	1,519.75	1/4	1,125.89	1/4	731.97	1/4	338.03	1/4		1/4		1/4		1/4	
1/2	2,297.59	1/2	1,905.46	1/2	1,511.54	1/2	1,117.69	1/2	723.77	1/2	329.84	1/2		1/2		1/2		1/2	
3/4	2,289.38	3/4	1,897.31	3/4	1,503.33	3/4	1,109.48	3/4	715.56	3/4	321.64	3/4		3/4		3/4		3/4	
10	2,281.17	10	1,889.10	10	1,495.12	10	1,101.28	10	707.35	10	313.45	10		10		10		10	
1/4	2,272.97	1/4	1,880.99	1/4	1,486.91	1/4	1,093.08	1/4	699.14	1/4	305.25	1/4		1/4		1/4		1/4	
1/2	2,264.76	1/2	1,872.68	1/2	1,478.71	1/2	1,084.88	1/2	690.93	1/2	297.06	1/2		1/2		1/2		1/2	
3/4	2,256.55	3/4	1,864.48	3/4	1,470.50	3/4	1,076.68	3/4	682.73	3/4	288.87	3/4		3/4		3/4		3/4	
11	2,248.35	11	1,856.27	11	1,462.29	11	1,068.47	11	674.52	11	280.67	11		11		11		11	
1/4	2,240.14	1/4	1,848.06	1/4	1,454.08	1/4	1,060.27	1/4	666.31	1/4	272.48	1/4		1/4		1/4		1/4	
1/2	2,231.93	1/2	1,839.85	1/2	1,445.87	1/2	1,052.07	1/2	658.10	1/2	264.28	1/2		1/2		1/2		1/2	
3/4	2,223.72	3/4	1,831.65	3/4	1,437.67	3/4	1,043.87	3/4	649.90	3/4	256.09	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/2007 CL - SW  
CALCULATED: 03/03/2007 CL  
PRINTED: 03/03/2007 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2007

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "KIRBY 30340B"

## 3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-06 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,619.06	0	4,331.66	0	4,028.73	0	3,705.01	0	3,313.25	0	2,921.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,613.23	1/4	4,325.50	1/4	4,022.31	1/4	3,696.85	1/4	3,305.09	1/4	2,913.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,607.40	1/2	4,319.34	1/2	4,015.89	1/2	3,688.69	1/2	3,296.92	1/2	2,905.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,601.57	3/4	4,313.18	3/4	4,009.47	3/4	3,680.53	3/4	3,288.76	3/4	2,897.12
1		1		1		1		1	4,595.72	1	4,307.00	1	4,003.06	1	3,672.37	1	3,280.60	1	2,888.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,853.95	1/4	4,589.86	1/4	4,300.81	1/4	3,996.64	1/4	3,664.21	1/4	3,272.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,850.93	1/2	4,584.00	1/2	4,294.62	1/2	3,990.22	1/2	3,656.04	1/2	3,264.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,847.92	3/4	4,578.15	3/4	4,288.43	3/4	3,983.81	3/4	3,647.88	3/4	3,256.12
2		2		2		2		2	4,843.55	2	4,572.26	2	4,282.22	2	3,977.39	2	3,639.72	2	3,247.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,839.17	1/4	4,566.38	1/4	4,276.00	1/4	3,970.97	1/4	3,631.56	1/4	3,239.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,834.79	1/2	4,560.49	1/2	4,269.79	1/2	3,964.56	1/2	3,623.40	1/2	3,231.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,830.42	3/4	4,554.61	3/4	4,263.57	3/4	3,958.14	3/4	3,615.23	3/4	3,223.47
3		3		3		3		3	4,824.68	3	4,548.70	3	4,257.33	3	3,951.72	3	3,607.07	3	3,215.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,818.94	1/4	4,542.79	1/4	4,251.09	1/4	3,945.31	1/4	3,598.91	1/4	3,207.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,813.20	1/2	4,536.87	1/2	4,244.85	1/2	3,938.89	1/2	3,590.75	1/2	3,198.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,807.46	3/4	4,530.96	3/4	4,238.61	3/4	3,932.47	3/4	3,582.59	3/4	3,190.82
4		4		4		4		4	4,801.85	4	4,525.02	4	4,232.34	4	3,926.06	4	3,574.43	4	3,182.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,796.24	1/4	4,519.08	1/4	4,226.07	1/4	3,919.64	1/4	3,566.26	1/4	3,174.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,790.63	1/2	4,513.14	1/2	4,219.80	1/2	3,913.22	1/2	3,558.10	1/2	3,166.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,785.02	3/4	4,507.21	3/4	4,213.53	3/4	3,906.81	3/4	3,549.94	3/4	3,158.17
5		5		5		5		5	4,779.39	5	4,501.24	5	4,207.23	5	3,900.39	5	3,541.78	5	3,150.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,773.75	1/4	4,495.27	1/4	4,200.93	1/4	3,893.97	1/4	3,533.62	1/4	3,141.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,768.11	1/2	4,489.31	1/2	4,194.63	1/2	3,887.56	1/2	3,525.45	1/2	3,133.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,762.48	3/4	4,483.34	3/4	4,188.34	3/4	3,881.14	3/4	3,517.29	3/4	3,125.53
6		6		6		6		6	4,756.81	6	4,477.34	6	4,182.01	6	3,874.72	6	3,509.13	6	3,117.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,751.15	1/4	4,471.35	1/4	4,175.69	1/4	3,868.31	1/4	3,500.97	1/4	3,109.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,745.48	1/2	4,465.35	1/2	4,169.36	1/2	3,861.89	1/2	3,492.81	1/2	3,101.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,739.82	3/4	4,459.36	3/4	4,163.04	3/4	3,855.47	3/4	3,484.65	3/4	3,092.88
7		7		7		7		7	4,734.13	7	4,453.34	7	4,156.68	7	3,849.06	7	3,476.48	7	3,084.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,728.44	1/4	4,447.32	1/4	4,150.33	1/4	3,842.64	1/4	3,468.32	1/4	3,076.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,722.75	1/2	4,441.29	1/2	4,143.98	1/2	3,836.22	1/2	3,460.16	1/2	3,068.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,717.05	3/4	4,435.27	3/4	4,137.63	3/4	3,829.80	3/4	3,452.00	3/4	3,060.26
8		8		8		8		8	4,711.34	8	4,429.22	8	4,131.25	8	3,823.39	8	3,443.84	8	3,052.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,705.62	1/4	4,423.17	1/4	4,124.87	1/4	3,816.97	1/4	3,435.67	1/4	3,043.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,699.90	1/2	4,417.12	1/2	4,118.49	1/2	3,810.55	1/2	3,427.51	1/2	3,035.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,694.18	3/4	4,411.08	3/4	4,112.11	3/4	3,804.14	3/4	3,419.35	3/4	3,027.64
9		9		9		9		9	4,688.43	9	4,405.00	9	4,105.70	9	3,797.72	9	3,411.19	9	3,019.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,682.69	1/4	4,398.92	1/4	4,099.29	1/4	3,791.30	1/4	3,403.03	1/4	3,011.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,676.94	1/2	4,392.84	1/2	4,092.88	1/2	3,784.89	1/2	3,394.87	1/2	3,003.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,671.19	3/4	4,386.77	3/4	4,086.48	3/4	3,778.47	3/4	3,386.70	3/4	2,995.02
10		10		10		10		10	4,665.42	10	4,380.66	10	4,080.06	10	3,770.31	10	3,378.54	10	2,986.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,659.64	1/4	4,374.56	1/4	4,073.64	1/4	3,762.15	1/4	3,370.38	1/4	2,978.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,653.87	1/2	4,368.45	1/2	4,067.23	1/2	3,753.98	1/2	3,362.22	1/2	2,970.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,648.10	3/4	4,362.35	3/4	4,060.81	3/4	3,745.82	3/4	3,354.06	3/4	2,962.40
11		11		11		11		11	4,642.29	11	4,356.22	11	4,054.39	11	3,737.66	11	3,345.89	11	2,954.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,636.49	1/4	4,350.08	1/4	4,047.98	1/4	3,729.50	1/4	3,337.73	1/4	2,946.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,630.69	1/2	4,343.95	1/2	4,041.56	1/2	3,721.34	1/2	3,329.57	1/2	2,937.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,624.89	3/4	4,337.82	3/4	4,035.14	3/4	3,713.18	3/4	3,321.41	3/4	2,929.76

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 59'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 30340B"

## 3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-06 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,529.65	0	2,138.43	0	1,747.23	0	1,355.34	0	973.18	0	587.30	0	195.26	0		0		0	
1/4	2,521.48	1/4	2,130.29	1/4	1,739.06	1/4	1,347.18	1/4	965.35	1/4	579.15	1/4	187.09	1/4		1/4		1/4	
1/2	2,513.31	1/2	2,122.16	1/2	1,730.90	1/2	1,339.01	1/2	957.53	1/2	571.00	1/2	178.92	1/2		1/2		1/2	
3/4	2,505.15	3/4	2,114.03	3/4	1,722.73	3/4	1,330.85	3/4	949.70	3/4	562.85	3/4	170.76	3/4		3/4		3/4	
1	2,496.98	1	2,105.89	1	1,714.57	1	1,322.68	1	941.87	1	554.70	1	163.44	1		1		1	
1/4	2,488.81	1/4	2,097.76	1/4	1,706.40	1/4	1,314.52	1/4	934.04	1/4	546.54	1/4	156.11	1/4		1/4		1/4	
1/2	2,480.64	1/2	2,089.62	1/2	1,698.24	1/2	1,306.35	1/2	926.21	1/2	538.39	1/2	148.79	1/2		1/2		1/2	
3/4	2,472.48	3/4	2,081.49	3/4	1,690.08	3/4	1,298.19	3/4	918.37	3/4	530.24	3/4	141.47	3/4		3/4		3/4	
2	2,464.31	2	2,073.35	2	1,681.91	2	1,290.03	2	910.54	2	522.09	2	135.32	2		2		2	
1/4	2,456.14	1/4	2,065.22	1/4	1,673.75	1/4	1,281.86	1/4	902.71	1/4	513.94	1/4	129.18	1/4		1/4		1/4	
1/2	2,447.97	1/2	2,057.08	1/2	1,665.58	1/2	1,273.70	1/2	894.88	1/2	505.79	1/2	123.04	1/2		1/2		1/2	
3/4	2,439.81	3/4	2,048.95	3/4	1,657.42	3/4	1,265.53	3/4	887.05	3/4	497.64	3/4	116.89	3/4		3/4		3/4	
3	2,431.64	3	2,040.81	3	1,649.25	3	1,257.37	3	879.20	3	489.48	3	111.93	3		3		3	
1/4	2,423.47	1/4	2,032.68	1/4	1,641.09	1/4	1,249.20	1/4	871.36	1/4	481.33	1/4	106.97	1/4		1/4		1/4	
1/2	2,415.30	1/2	2,024.54	1/2	1,632.93	1/2	1,241.04	1/2	863.51	1/2	473.18	1/2	102.01	1/2		1/2		1/2	
3/4	2,407.14	3/4	2,016.41	3/4	1,624.76	3/4	1,232.88	3/4	855.66	3/4	465.03	3/4	97.05	3/4		3/4		3/4	
4	2,398.97	4	2,008.28	4	1,616.60	4	1,224.71	4	847.80	4	456.86	4	93.28	4		4		4	
1/4	2,390.80	1/4	2,000.14	1/4	1,608.43	1/4	1,216.55	1/4	839.93	1/4	448.69	1/4	89.51	1/4		1/4		1/4	
1/2	2,382.63	1/2	1,992.01	1/2	1,600.27	1/2	1,208.38	1/2	832.07	1/2	440.52	1/2	85.74	1/2		1/2		1/2	
3/4	2,374.46	3/4	1,983.87	3/4	1,592.10	3/4	1,200.22	3/4	824.20	3/4	432.35	3/4	81.97	3/4		3/4		3/4	
5	2,366.30	5	1,975.74	5	1,583.94	5	1,192.37	5	816.03	5	424.18	5	79.38	5		5		5	
1/4	2,358.13	1/4	1,967.60	1/4	1,575.78	1/4	1,184.53	1/4	807.86	1/4	416.01	1/4	76.80	1/4		1/4		1/4	
1/2	2,349.96	1/2	1,959.47	1/2	1,567.61	1/2	1,176.69	1/2	799.69	1/2	407.84	1/2	74.21	1/2		1/2		1/2	
3/4	2,341.79	3/4	1,951.33	3/4	1,559.45	3/4	1,168.84	3/4	791.52	3/4	399.67	3/4	71.63	3/4		3/4		3/4	
6	2,333.66	6	1,943.17	6	1,551.28	6	1,161.02	6	783.35	6	391.49	6	70.26	6		6		6	
1/4	2,325.53	1/4	1,935.00	1/4	1,543.12	1/4	1,153.19	1/4	775.19	1/4	383.31	1/4	68.89	1/4		1/4		1/4	
1/2	2,317.39	1/2	1,926.84	1/2	1,534.95	1/2	1,145.36	1/2	767.02	1/2	375.13	1/2	67.53	1/2		1/2		1/2	
3/4	2,309.26	3/4	1,918.68	3/4	1,526.79	3/4	1,137.54	3/4	758.85	3/4	366.95	3/4	66.16	3/4		3/4		3/4	
7	2,301.12	7	1,910.51	7	1,518.63	7	1,129.71	7	750.68	7	358.77	7		7		7		7	
1/4	2,292.99	1/4	1,902.35	1/4	1,510.46	1/4	1,121.88	1/4	742.51	1/4	350.59	1/4		1/4		1/4		1/4	
1/2	2,284.85	1/2	1,894.18	1/2	1,502.30	1/2	1,114.06	1/2	734.34	1/2	342.40	1/2		1/2		1/2		1/2	
3/4	2,276.72	3/4	1,886.02	3/4	1,494.13	3/4	1,106.23	3/4	726.17	3/4	334.22	3/4		3/4		3/4		3/4	
8	2,268.58	8	1,877.85	8	1,485.97	8	1,098.40	8	718.00	8	326.04	8		8		8		8	
1/4	2,260.45	1/4	1,869.69	1/4	1,477.80	1/4	1,090.58	1/4	709.83	1/4	317.86	1/4		1/4		1/4		1/4	
1/2	2,252.31	1/2	1,861.53	1/2	1,469.64	1/2	1,082.75	1/2	701.66	1/2	309.68	1/2		1/2		1/2		1/2	
3/4	2,244.18	3/4	1,853.36	3/4	1,461.48	3/4	1,074.92	3/4	693.49	3/4	301.50	3/4		3/4		3/4		3/4	
9	2,236.04	9	1,845.20	9	1,453.31	9	1,067.10	9	685.32	9	293.32	9		9		9		9	
1/4	2,227.91	1/4	1,837.03	1/4	1,445.15	1/4	1,059.27	1/4	677.15	1/4	285.13	1/4		1/4		1/4		1/4	
1/2	2,219.78	1/2	1,828.87	1/2	1,436.98	1/2	1,051.45	1/2	668.98	1/2	276.95	1/2		1/2		1/2		1/2	
3/4	2,211.64	3/4	1,820.70	3/4	1,428.82	3/4	1,043.62	3/4	660.81	3/4	268.77	3/4		3/4		3/4		3/4	
10	2,203.51	10	1,812.54	10	1,420.65	10	1,035.79	10	652.64	10	260.60	10		10		10		10	
1/4	2,195.37	1/4	1,804.38	1/4	1,412.49	1/4	1,027.97	1/4	644.47	1/4	252.44	1/4		1/4		1/4		1/4	
1/2	2,187.24	1/2	1,796.21	1/2	1,404.33	1/2	1,020.14	1/2	636.30	1/2	244.27	1/2		1/2		1/2		1/2	
3/4	2,179.10	3/4	1,788.05	3/4	1,396.16	3/4	1,012.31	3/4	628.13	3/4	236.10	3/4		3/4		3/4		3/4	
11	2,170.97	11	1,779.88	11	1,388.00	11	1,004.49	11	619.96	11	227.93	11		11		11		11	
1/4	2,162.83	1/4	1,771.72	1/4	1,379.83	1/4	996.66	1/4	611.79	1/4	219.76	1/4		1/4		1/4		1/4	
1/2	2,154.70	1/2	1,763.55	1/2	1,371.67	1/2	988.83	1/2	603.62	1/2	211.60	1/2		1/2		1/2		1/2	
3/4	2,146.56	3/4	1,755.39	3/4	1,363.50	3/4	981.01	3/4	595.45	3/4	203.43	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/2007 CL - SW  
CALCULATED: 03/03/2007 CL  
PRINTED: 03/03/2007 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2007

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



# BARGE "KIRBY 30340B"

## 3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-06 1/2"

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	4,635.92	0	4,348.27	0	4,045.16	0	3,719.62	0	3,327.19	0	2,934.74	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,630.09	1/4	4,342.11	1/4	4,038.74	1/4	3,711.44	1/4	3,319.02	1/4	2,926.56	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,624.26	1/2	4,335.95	1/2	4,032.33	1/2	3,703.27	1/2	3,310.84	1/2	2,918.38	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,618.41	3/4	4,329.77	3/4	4,025.91	3/4	3,695.09	3/4	3,302.67	3/4	2,910.20	
1	1	1	1	1	1	4,876.56	1	4,612.55	1	4,323.58	1	4,019.50	1	3,686.92	1	3,294.49	1	2,902.02	
1/4	1/4	1/4	1/4	1/4	1/4	4,873.55	1/4	4,606.70	1/4	4,317.40	1/4	4,013.08	1/4	3,678.74	1/4	3,286.32	1/4	2,893.84	
1/2	1/2	1/2	1/2	1/2	1/2	4,870.54	1/2	4,600.84	1/2	4,311.21	1/2	4,006.66	1/2	3,670.56	1/2	3,278.14	1/2	2,885.66	
3/4	3/4	3/4	3/4	3/4	3/4	4,866.16	3/4	4,594.96	3/4	4,305.00	3/4	4,000.25	3/4	3,662.39	3/4	3,269.96	3/4	2,877.48	
2	2	2	2	2	2	4,861.79	2	4,589.08	2	4,298.78	2	3,993.83	2	3,654.21	2	3,261.79	2	2,869.30	
1/4	1/4	1/4	1/4	1/4	1/4	4,857.41	1/4	4,583.20	1/4	4,292.57	1/4	3,987.42	1/4	3,646.04	1/4	3,253.61	1/4	2,861.12	
1/2	1/2	1/2	1/2	1/2	1/2	4,853.04	1/2	4,577.31	1/2	4,286.36	1/2	3,981.00	1/2	3,637.86	1/2	3,245.44	1/2	2,852.94	
3/4	3/4	3/4	3/4	3/4	3/4	4,847.30	3/4	4,571.40	3/4	4,280.12	3/4	3,974.59	3/4	3,629.69	3/4	3,237.26	3/4	2,844.76	
3	3	3	3	3	3	4,841.56	3	4,565.49	3	4,273.88	3	3,968.17	3	3,621.51	3	3,229.09	3	2,836.58	
1/4	1/4	1/4	1/4	1/4	1/4	4,835.83	1/4	4,559.58	1/4	4,267.64	1/4	3,961.76	1/4	3,613.34	1/4	3,220.91	1/4	2,828.40	
1/2	1/2	1/2	1/2	1/2	1/2	4,830.09	1/2	4,553.67	1/2	4,261.40	1/2	3,955.34	1/2	3,605.16	1/2	3,212.74	1/2	2,820.22	
3/4	3/4	3/4	3/4	3/4	3/4	4,824.48	3/4	4,547.74	3/4	4,255.13	3/4	3,948.93	3/4	3,596.98	3/4	3,204.56	3/4	2,812.04	
4	4	4	4	4	4	4,818.87	4	4,541.80	4	4,248.86	4	3,942.51	4	3,588.81	4	3,196.39	4	2,803.86	
1/4	1/4	1/4	1/4	1/4	1/4	4,813.27	1/4	4,535.86	1/4	4,242.59	1/4	3,936.10	1/4	3,580.63	1/4	3,188.21	1/4	2,795.68	
1/2	1/2	1/2	1/2	1/2	1/2	4,807.66	1/2	4,529.92	1/2	4,236.32	1/2	3,929.68	1/2	3,572.46	1/2	3,180.03	1/2	2,787.50	
3/4	3/4	3/4	3/4	3/4	3/4	4,802.03	3/4	4,523.96	3/4	4,230.03	3/4	3,923.26	3/4	3,564.28	3/4	3,171.86	3/4	2,779.32	
5	5	5	5	5	5	4,796.39	5	4,517.99	5	4,223.73	5	3,916.85	5	3,556.11	5	3,163.68	5	2,771.14	
1/4	1/4	1/4	1/4	1/4	1/4	4,790.76	1/4	4,512.03	1/4	4,217.44	1/4	3,910.43	1/4	3,547.93	1/4	3,155.51	1/4	2,762.96	
1/2	1/2	1/2	1/2	1/2	1/2	4,785.12	1/2	4,506.06	1/2	4,211.14	1/2	3,904.02	1/2	3,539.76	1/2	3,147.33	1/2	2,754.78	
3/4	3/4	3/4	3/4	3/4	3/4	4,779.46	3/4	4,500.07	3/4	4,204.82	3/4	3,897.60	3/4	3,531.58	3/4	3,139.16	3/4	2,746.60	
6	6	6	6	6	6	4,773.80	6	4,494.08	6	4,198.49	6	3,891.19	6	3,523.41	6	3,130.98	6	2,738.42	
1/4	1/4	1/4	1/4	1/4	1/4	4,768.13	1/4	4,488.08	1/4	4,192.17	1/4	3,884.77	1/4	3,515.23	1/4	3,122.81	1/4	2,730.24	
1/2	1/2	1/2	1/2	1/2	1/2	4,762.47	1/2	4,482.09	1/2	4,185.85	1/2	3,878.36	1/2	3,507.05	1/2	3,114.63	1/2	2,722.06	
3/4	3/4	3/4	3/4	3/4	3/4	4,756.78	3/4	4,476.07	3/4	4,179.50	3/4	3,871.94	3/4	3,498.88	3/4	3,106.45	3/4	2,713.88	
7	7	7	7	7	7	4,751.09	7	4,470.05	7	4,173.15	7	3,865.53	7	3,490.70	7	3,098.28	7	2,705.70	
1/4	1/4	1/4	1/4	1/4	1/4	4,745.40	1/4	4,464.03	1/4	4,166.80	1/4	3,859.11	1/4	3,482.53	1/4	3,090.10	1/4	2,697.52	
1/2	1/2	1/2	1/2	1/2	1/2	4,739.71	1/2	4,458.01	1/2	4,160.44	1/2	3,852.70	1/2	3,474.35	1/2	3,081.93	1/2	2,689.34	
3/4	3/4	3/4	3/4	3/4	3/4	4,734.00	3/4	4,451.96	3/4	4,154.07	3/4	3,846.28	3/4	3,466.18	3/4	3,073.75	3/4	2,681.16	
8	8	8	8	8	8	4,728.28	8	4,445.91	8	4,147.69	8	3,839.86	8	3,458.00	8	3,065.58	8	2,672.98	
1/4	1/4	1/4	1/4	1/4	1/4	4,722.56	1/4	4,439.87	1/4	4,141.31	1/4	3,833.45	1/4	3,449.83	1/4	3,057.40	1/4	2,664.80	
1/2	1/2	1/2	1/2	1/2	1/2	4,716.84	1/2	4,433.82	1/2	4,134.93	1/2	3,827.03	1/2	3,441.65	1/2	3,049.23	1/2	2,656.62	
3/4	3/4	3/4	3/4	3/4	3/4	4,711.10	3/4	4,427.74	3/4	4,128.53	3/4	3,820.62	3/4	3,433.47	3/4	3,041.05	3/4	2,648.44	
9	9	9	9	9	9	4,705.35	9	4,421.67	9	4,122.12	9	3,814.20	9	3,425.30	9	3,032.88	9	2,640.26	
1/4	1/4	1/4	1/4	1/4	1/4	4,699.61	1/4	4,415.59	1/4	4,115.72	1/4	3,807.79	1/4	3,417.12	1/4	3,024.70	1/4	2,632.08	
1/2	1/2	1/2	1/2	1/2	1/2	4,693.86	1/2	4,409.52	1/2	4,109.31	1/2	3,801.37	1/2	3,408.95	1/2	3,016.52	1/2	2,623.90	
3/4	3/4	3/4	3/4	3/4	3/4	4,688.09	3/4	4,403.41	3/4	4,102.90	3/4	3,793.20	3/4	3,400.77	3/4	3,008.35	3/4	2,615.72	
10	10	10	10	10	10	4,682.32	10	4,397.31	10	4,096.48	10	3,785.02	10	3,392.60	10	3,000.17	10	2,607.54	
1/4	1/4	1/4	1/4	1/4	1/4	4,676.55	1/4	4,391.21	1/4	4,090.07	1/4	3,776.85	1/4	3,384.42	1/4	2,992.00	1/4	2,599.36	
1/2	1/2	1/2	1/2	1/2	1/2	4,670.77	1/2	4,385.11	1/2	4,083.65	1/2	3,768.67	1/2	3,376.25	1/2	2,983.82	1/2	2,591.18	
3/4	3/4	3/4	3/4	3/4	3/4	4,664.97	3/4	4,378.98	3/4	4,077.23	3/4	3,760.49	3/4	3,368.07	3/4	2,975.64	3/4	2,583.00	
11	11	11	11	11	11	4,659.17	11	4,372.85	11	4,070.82	11	3,752.32	11	3,359.90	11	2,967.46	11	2,574.82	
1/4	1/4	1/4	1/4	1/4	1/4	4,653.37	1/4	4,366.72	1/4	4,064.40	1/4	3,744.14	1/4	3,351.72	1/4	2,959.28	1/4	2,566.64	
1/2	1/2	1/2	1/2	1/2	1/2	4,647.57	1/2	4,360.58	1/2	4,057.99	1/2	3,735.97	1/2	3,343.54	1/2	2,951.10	1/2	2,558.46	
3/4	3/4	3/4	3/4	3/4	3/4	4,641.75	3/4	4,354.43	3/4	4,051.57	3/4	3,727.79	3/4	3,335.37	3/4	2,942.92	3/4	2,550.28	

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 59'-00" FORWARD OF AFT BULKHEAD.

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





# BARGE "KIRBY 30340B"

## 3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,542.10	0	2,149.46	0	1,757.13	0	1,364.46	0	971.95	0	579.33	0	187.06	0		0		0	
1/4	2,533.92	1/4	2,141.28	1/4	1,748.95	1/4	1,356.28	1/4	963.77	1/4	571.17	1/4	178.90	1/4		1/4		1/4	
1/2	2,525.74	1/2	2,133.10	1/2	1,740.77	1/2	1,348.10	1/2	955.60	1/2	563.01	1/2	170.73	1/2		1/2		1/2	
3/4	2,517.56	3/4	2,124.92	3/4	1,732.59	3/4	1,339.92	3/4	947.42	3/4	554.85	3/4	163.41	3/4		3/4		3/4	
1	2,509.38	1	2,116.74	1	1,724.41	1	1,331.74	1	939.24	1	546.68	1	156.09	1		1		1	
1/4	2,501.20	1/4	2,108.56	1/4	1,716.23	1/4	1,323.56	1/4	931.06	1/4	538.52	1/4	148.76	1/4		1/4		1/4	
1/2	2,493.02	1/2	2,100.38	1/2	1,708.05	1/2	1,315.38	1/2	922.88	1/2	530.36	1/2	141.44	1/2		1/2		1/2	
3/4	2,484.84	3/4	2,092.20	3/4	1,699.87	3/4	1,307.19	3/4	914.69	3/4	522.20	3/4	135.30	3/4		3/4		3/4	
2	2,476.66	2	2,084.02	2	1,691.69	2	1,299.01	2	906.51	2	514.04	2	129.16	2		2		2	
1/4	2,468.48	1/4	2,075.84	1/4	1,683.51	1/4	1,290.83	1/4	898.33	1/4	505.87	1/4	123.01	1/4		1/4		1/4	
1/2	2,460.30	1/2	2,067.66	1/2	1,675.33	1/2	1,282.65	1/2	890.15	1/2	497.71	1/2	116.87	1/2		1/2		1/2	
3/4	2,452.12	3/4	2,059.48	3/4	1,667.15	3/4	1,274.47	3/4	881.97	3/4	489.55	3/4	111.91	3/4		3/4		3/4	
3	2,443.94	3	2,051.30	3	1,658.96	3	1,266.29	3	873.79	3	481.39	3	106.95	3		3		3	
1/4	2,435.76	1/4	2,043.12	1/4	1,650.78	1/4	1,258.11	1/4	865.61	1/4	473.23	1/4	101.99	1/4		1/4		1/4	
1/2	2,427.58	1/2	2,034.94	1/2	1,642.60	1/2	1,249.93	1/2	857.43	1/2	465.06	1/2	97.03	1/2		1/2		1/2	
3/4	2,419.40	3/4	2,026.76	3/4	1,634.42	3/4	1,241.75	3/4	849.25	3/4	456.88	3/4	93.26	3/4		3/4		3/4	
4	2,411.22	4	2,018.58	4	1,626.24	4	1,233.57	4	841.07	4	448.70	4	89.49	4		4		4	
1/4	2,403.04	1/4	2,010.40	1/4	1,618.06	1/4	1,225.39	1/4	832.89	1/4	440.52	1/4	85.72	1/4		1/4		1/4	
1/2	2,394.86	1/2	2,002.22	1/2	1,609.88	1/2	1,217.21	1/2	824.71	1/2	432.34	1/2	81.95	1/2		1/2		1/2	
3/4	2,386.68	3/4	1,994.04	3/4	1,601.70	3/4	1,209.03	3/4	816.53	3/4	424.16	3/4	79.37	3/4		3/4		3/4	
5	2,378.50	5	1,985.86	5	1,593.52	5	1,200.86	5	808.35	5	415.98	5	76.78	5		5		5	
1/4	2,370.32	1/4	1,977.68	1/4	1,585.34	1/4	1,192.68	1/4	800.17	1/4	407.80	1/4	74.20	1/4		1/4		1/4	
1/2	2,362.14	1/2	1,969.50	1/2	1,577.16	1/2	1,184.51	1/2	791.99	1/2	399.62	1/2	71.62	1/2		1/2		1/2	
3/4	2,353.96	3/4	1,961.33	3/4	1,568.98	3/4	1,176.33	3/4	783.81	3/4	391.44	3/4	70.25	3/4		3/4		3/4	
6	2,345.78	6	1,953.16	6	1,560.80	6	1,168.15	6	775.63	6	383.26	6	68.88	6		6		6	
1/4	2,337.60	1/4	1,944.99	1/4	1,552.62	1/4	1,159.98	1/4	767.45	1/4	375.08	1/4	67.52	1/4		1/4		1/4	
1/2	2,329.42	1/2	1,936.82	1/2	1,544.43	1/2	1,151.80	1/2	759.27	1/2	366.90	1/2	66.15	1/2		1/2		1/2	
3/4	2,321.24	3/4	1,928.66	3/4	1,536.25	3/4	1,143.63	3/4	751.08	3/4	358.72	3/4		3/4		3/4		3/4	
7	2,313.06	7	1,920.50	7	1,528.07	7	1,135.45	7	742.90	7	350.54	7		7		7		7	
1/4	2,304.88	1/4	1,912.34	1/4	1,519.89	1/4	1,127.28	1/4	734.72	1/4	342.36	1/4		1/4		1/4		1/4	
1/2	2,296.70	1/2	1,904.18	1/2	1,511.71	1/2	1,119.10	1/2	726.54	1/2	334.18	1/2		1/2		1/2		1/2	
3/4	2,288.52	3/4	1,896.02	3/4	1,503.53	3/4	1,110.93	3/4	718.36	3/4	325.99	3/4		3/4		3/4		3/4	
8	2,280.34	8	1,887.86	8	1,495.35	8	1,102.75	8	710.18	8	317.81	8		8		8		8	
1/4	2,272.16	1/4	1,879.70	1/4	1,487.17	1/4	1,094.58	1/4	702.00	1/4	309.63	1/4		1/4		1/4		1/4	
1/2	2,263.98	1/2	1,871.54	1/2	1,478.99	1/2	1,086.40	1/2	693.82	1/2	301.45	1/2		1/2		1/2		1/2	
3/4	2,255.80	3/4	1,863.38	3/4	1,470.81	3/4	1,078.23	3/4	685.64	3/4	293.27	3/4		3/4		3/4		3/4	
9	2,247.62	9	1,855.22	9	1,462.63	9	1,070.05	9	677.46	9	285.09	9		9		9		9	
1/4	2,239.44	1/4	1,847.06	1/4	1,454.45	1/4	1,061.88	1/4	669.28	1/4	276.91	1/4		1/4		1/4		1/4	
1/2	2,231.26	1/2	1,838.90	1/2	1,446.27	1/2	1,053.70	1/2	661.10	1/2	268.73	1/2		1/2		1/2		1/2	
3/4	2,223.08	3/4	1,830.73	3/4	1,438.09	3/4	1,045.53	3/4	652.92	3/4	260.56	3/4		3/4		3/4		3/4	
10	2,214.90	10	1,822.56	10	1,429.90	10	1,037.35	10	644.74	10	252.40	10		10		10		10	
1/4	2,206.72	1/4	1,814.39	1/4	1,421.72	1/4	1,029.17	1/4	636.56	1/4	244.23	1/4		1/4		1/4		1/4	
1/2	2,198.54	1/2	1,806.22	1/2	1,413.54	1/2	1,021.00	1/2	628.38	1/2	236.06	1/2		1/2		1/2		1/2	
3/4	2,190.36	3/4	1,798.04	3/4	1,405.36	3/4	1,012.82	3/4	620.20	3/4	227.90	3/4		3/4		3/4		3/4	
11	2,182.18	11	1,789.86	11	1,397.18	11	1,004.65	11	612.02	11	219.73	11		11		11		11	
1/4	2,174.00	1/4	1,781.67	1/4	1,389.00	1/4	996.47	1/4	603.84	1/4	211.56	1/4		1/4		1/4		1/4	
1/2	2,165.82	1/2	1,773.49	1/2	1,380.82	1/2	988.30	1/2	595.66	1/2	203.40	1/2		1/2		1/2		1/2	
3/4	2,157.64	3/4	1,765.31	3/4	1,372.64	3/4	980.12	3/4	587.49	3/4	195.23	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/2007 CL - SW  
CALCULATED: 03/03/2007 CL  
PRINTED: 03/03/2007 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2007

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