



BARGE "KIRBY 28722"

ULLAGE TRIM TABLE

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

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

LENGTH BETWEEN DRAFT MARKS: 241'-03"

January 25, 2007

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28722"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,554.93	0	4,212.38	0	3,851.62	0	3,485.28	0	3,118.94	0	2,752.58		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,547.99	1/4	4,205.05	1/4	3,843.98	1/4	3,477.65	1/4	3,111.31	1/4	2,744.95		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,541.04	1/2	4,197.72	1/2	3,836.35	1/2	3,470.02	1/2	3,103.68	1/2	2,737.31		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,534.07	3/4	4,190.35	3/4	3,828.72	3/4	3,462.38	3/4	3,096.05	3/4	2,729.68		
1		1		1		1	4,845.87	1	4,527.10	1	4,182.99	1	3,821.09	1	3,454.75	1	3,088.42	1	2,722.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,841.42	1/4	4,520.12	1/4	4,175.63	1/4	3,813.46	1/4	3,447.12	1/4	3,080.78	1/4	2,714.40		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,836.96	1/2	4,513.15	1/2	4,168.26	1/2	3,805.82	1/2	3,439.49	1/2	3,073.15	1/2	2,706.77		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,831.24	3/4	4,506.14	3/4	4,160.86	3/4	3,798.19	3/4	3,431.86	3/4	3,065.52	3/4	2,699.13		
2		2		2		2	4,825.51	2	4,499.14	2	4,153.47	2	3,790.56	2	3,424.22	2	3,057.89	2	2,691.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,819.78	1/4	4,492.13	1/4	4,146.07	1/4	3,782.93	1/4	3,416.59	1/4	3,050.26	1/4	2,683.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,814.06	1/2	4,485.12	1/2	4,138.68	1/2	3,775.30	1/2	3,408.96	1/2	3,042.62	1/2	2,676.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,807.06	3/4	4,478.08	3/4	4,131.25	3/4	3,767.66	3/4	3,401.33	3/4	3,034.99	3/4	2,668.59		
3		3		3		3	4,800.06	3	4,471.04	3	4,123.82	3	3,760.03	3	3,393.70	3	3,027.36	3	2,660.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,793.06	1/4	4,464.01	1/4	4,116.39	1/4	3,752.40	1/4	3,386.06	1/4	3,019.73	1/4	2,653.32		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,786.06	1/2	4,456.97	1/2	4,108.96	1/2	3,744.77	1/2	3,378.43	1/2	3,012.10	1/2	2,645.68		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,779.42	3/4	4,449.90	3/4	4,101.50	3/4	3,737.14	3/4	3,370.80	3/4	3,004.46	3/4	2,638.04		
4		4		4		4	4,772.77	4	4,442.82	4	4,094.04	4	3,729.50	4	3,363.17	4	2,996.83	4	2,630.41		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,766.13	1/4	4,435.75	1/4	4,086.58	1/4	3,721.87	1/4	3,355.54	1/4	2,989.20	1/4	2,622.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,759.48	1/2	4,428.68	1/2	4,079.12	1/2	3,714.24	1/2	3,347.90	1/2	2,981.57	1/2	2,615.14		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,752.78	3/4	4,421.58	3/4	4,071.62	3/4	3,706.61	3/4	3,340.27	3/4	2,973.94	3/4	2,607.50		
5		5		5		5	4,746.08	5	4,414.47	5	4,064.13	5	3,698.98	5	3,332.64	5	2,966.30	5	2,599.86		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,739.37	1/4	4,407.37	1/4	4,056.63	1/4	3,691.34	1/4	3,325.01	1/4	2,958.67	1/4	2,592.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,732.67	1/2	4,400.27	1/2	4,049.14	1/2	3,683.71	1/2	3,317.38	1/2	2,951.04	1/2	2,584.59		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,725.92	3/4	4,393.13	3/4	4,041.61	3/4	3,676.08	3/4	3,309.74	3/4	2,943.41	3/4	2,576.96		
6		6		6		6	4,719.18	6	4,385.99	6	4,034.09	6	3,668.45	6	3,302.11	6	2,935.78	6	2,569.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,712.44	1/4	4,378.86	1/4	4,026.56	1/4	3,660.82	1/4	3,294.48	1/4	2,928.14	1/4	2,561.68		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,705.69	1/2	4,371.72	1/2	4,019.03	1/2	3,653.18	1/2	3,286.85	1/2	2,920.51	1/2	2,554.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,698.91	3/4	4,364.55	3/4	4,011.48	3/4	3,645.55	3/4	3,279.22	3/4	2,912.88	3/4	2,546.41		
7		7		7		7	4,692.13	7	4,357.38	7	4,003.92	7	3,637.92	7	3,271.58	7	2,905.25	7	2,538.78		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,685.35	1/4	4,350.21	1/4	3,996.36	1/4	3,630.29	1/4	3,263.95	1/4	2,897.62	1/4	2,531.14		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,678.57	1/2	4,343.04	1/2	3,988.80	1/2	3,622.66	1/2	3,256.32	1/2	2,889.98	1/2	2,523.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,671.76	3/4	4,335.84	3/4	3,981.21	3/4	3,615.02	3/4	3,248.69	3/4	2,882.35	3/4	2,515.87		
8		8		8		8	4,664.95	8	4,328.64	8	3,973.62	8	3,607.39	8	3,241.06	8	2,874.72	8	2,508.23		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,658.14	1/4	4,321.44	1/4	3,966.02	1/4	3,599.76	1/4	3,233.42	1/4	2,867.09	1/4	2,500.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,651.33	1/2	4,314.24	1/2	3,958.43	1/2	3,592.13	1/2	3,225.79	1/2	2,859.46	1/2	2,492.96		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,644.48	3/4	4,307.00	3/4	3,950.81	3/4	3,584.50	3/4	3,218.16	3/4	2,851.82	3/4	2,485.32		
9		9		9		9	4,637.64	9	4,299.77	9	3,943.18	9	3,576.86	9	3,210.53	9	2,844.19	9	2,477.69		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,630.80	1/4	4,292.54	1/4	3,935.56	1/4	3,569.23	1/4	3,202.90	1/4	2,836.56	1/4	2,470.05		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,623.95	1/2	4,285.30	1/2	3,927.94	1/2	3,561.60	1/2	3,195.26	1/2	2,828.93	1/2	2,462.42		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,617.08	3/4	4,278.04	3/4	3,920.30	3/4	3,553.97	3/4	3,187.63	3/4	2,821.30	3/4	2,454.78		
10		10		10		10	4,610.20	10	4,270.77	10	3,912.67	10	3,546.34	10	3,180.00	10	2,813.66	10	2,447.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,603.32	1/4	4,263.50	1/4	3,905.04	1/4	3,538.70	1/4	3,172.37	1/4	2,806.03	1/4	2,439.51		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,596.45	1/2	4,256.24	1/2	3,897.41	1/2	3,531.07	1/2	3,164.74	1/2	2,798.40	1/2	2,431.87		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,589.54	3/4	4,248.94	3/4	3,889.78	3/4	3,523.44	3/4	3,157.10	3/4	2,790.76	3/4	2,424.24		
11		11		11		11	4,582.63	11	4,241.64	11	3,882.14	11	3,515.81	11	3,149.47	11	2,783.13	11	2,416.60		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,575.72	1/4	4,234.34	1/4	3,874.51	1/4	3,508.18	1/4	3,141.84	1/4	2,775.49	1/4	2,408.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,568.81	1/2	4,227.04	1/2	3,866.88	1/2	3,500.54	1/2	3,134.21	1/2	2,767.86	1/2	2,401.33		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,561.87	3/4	4,219.71	3/4	3,859.25	3/4	3,492.91	3/4	3,126.58	3/4	2,760.22	3/4	2,393.69		

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 53'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 28722"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/2"

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	2,386.06	0	2,019.53	0	1,653.00	0	1,286.47	0	920.71	0	554.34	0	201.13	0		0		0	
1/4	2,378.42	1/4	2,011.89	1/4	1,645.36	1/4	1,278.84	1/4	913.09	1/4	546.71	1/4	194.28	1/4		1/4		1/4	
1/2	2,370.78	1/2	2,004.26	1/2	1,637.73	1/2	1,271.20	1/2	905.48	1/2	539.07	1/2	187.43	1/2		1/2		1/2	
3/4	2,363.15	3/4	1,996.62	3/4	1,630.09	3/4	1,263.56	3/4	897.86	3/4	531.44	3/4	180.91	3/4		3/4		3/4	
1	2,355.51	1	1,988.98	1	1,622.46	1	1,255.93	1	890.23	1	523.80	1	174.39	1		1		1	
1/4	2,347.88	1/4	1,981.35	1/4	1,614.82	1/4	1,248.29	1/4	882.61	1/4	516.16	1/4	167.87	1/4		1/4		1/4	
1/2	2,340.24	1/2	1,973.71	1/2	1,607.18	1/2	1,240.66	1/2	874.99	1/2	508.53	1/2	161.36	1/2		1/2		1/2	
3/4	2,332.60	3/4	1,966.08	3/4	1,599.55	3/4	1,233.02	3/4	867.37	3/4	500.89	3/4	154.93	3/4		3/4		3/4	
2	2,324.97	2	1,958.44	2	1,591.91	2	1,225.38	2	859.75	2	493.26	2	148.51	2		2		2	
1/4	2,317.33	1/4	1,950.80	1/4	1,584.28	1/4	1,217.75	1/4	852.13	1/4	485.62	1/4	142.08	1/4		1/4		1/4	
1/2	2,309.70	1/2	1,943.17	1/2	1,576.64	1/2	1,210.11	1/2	844.50	1/2	477.99	1/2	135.66	1/2		1/2		1/2	
3/4	2,302.06	3/4	1,935.53	3/4	1,569.00	3/4	1,202.48	3/4	836.87	3/4	470.35	3/4	129.33	3/4		3/4		3/4	
3	2,294.42	3	1,927.90	3	1,561.37	3	1,194.84	3	829.23	3	462.71	3	123.01	3		3		3	
1/4	2,286.79	1/4	1,920.26	1/4	1,553.73	1/4	1,187.20	1/4	821.60	1/4	455.08	1/4	116.69	1/4		1/4		1/4	
1/2	2,279.15	1/2	1,912.62	1/2	1,546.10	1/2	1,179.57	1/2	813.96	1/2	447.44	1/2	110.36	1/2		1/2		1/2	
3/4	2,271.52	3/4	1,904.99	3/4	1,538.46	3/4	1,171.93	3/4	806.32	3/4	439.85	3/4	104.14	3/4		3/4		3/4	
4	2,263.88	4	1,897.35	4	1,530.82	4	1,164.30	4	798.69	4	432.26	4	97.93	4		4		4	
1/4	2,256.24	1/4	1,889.72	1/4	1,523.19	1/4	1,156.66	1/4	791.05	1/4	424.67	1/4	91.71	1/4		1/4		1/4	
1/2	2,248.61	1/2	1,882.08	1/2	1,515.55	1/2	1,149.02	1/2	783.42	1/2	417.08	1/2	85.49	1/2		1/2		1/2	
3/4	2,240.97	3/4	1,874.44	3/4	1,507.92	3/4	1,141.43	3/4	775.78	3/4	409.58	3/4	79.37	3/4		3/4		3/4	
5	2,233.34	5	1,866.81	5	1,500.28	5	1,133.84	5	768.15	5	402.08	5	73.26	5		5		5	
1/4	2,225.70	1/4	1,859.17	1/4	1,492.64	1/4	1,126.24	1/4	760.51	1/4	394.58	1/4	67.14	1/4		1/4		1/4	
1/2	2,218.06	1/2	1,851.54	1/2	1,485.01	1/2	1,118.65	1/2	752.87	1/2	387.08	1/2	61.02	1/2		1/2		1/2	
3/4	2,210.43	3/4	1,843.90	3/4	1,477.37	3/4	1,111.06	3/4	745.24	3/4	379.67	3/4	55.04	3/4		3/4		3/4	
6	2,202.79	6	1,836.26	6	1,469.74	6	1,103.46	6	737.60	6	372.27	6	49.06	6		6		6	
1/4	2,195.16	1/4	1,828.63	1/4	1,462.10	1/4	1,095.87	1/4	729.97	1/4	364.86	1/4	43.07	1/4		1/4		1/4	
1/2	2,187.52	1/2	1,820.99	1/2	1,454.46	1/2	1,088.28	1/2	722.33	1/2	357.45	1/2	37.09	1/2		1/2		1/2	
3/4	2,179.88	3/4	1,813.36	3/4	1,446.83	3/4	1,080.66	3/4	714.70	3/4	350.13	3/4	31.82	3/4		3/4		3/4	
7	2,172.25	7	1,805.72	7	1,439.19	7	1,073.04	7	707.06	7	342.81	7	26.55	7		7		7	
1/4	2,164.61	1/4	1,798.08	1/4	1,431.56	1/4	1,065.43	1/4	699.42	1/4	335.49	1/4	21.28	1/4		1/4		1/4	
1/2	2,156.98	1/2	1,790.45	1/2	1,423.92	1/2	1,057.81	1/2	691.79	1/2	328.18	1/2	16.02	1/2		1/2		1/2	
3/4	2,149.34	3/4	1,782.81	3/4	1,416.28	3/4	1,050.19	3/4	684.15	3/4	320.95	3/4	12.74	3/4		3/4		3/4	
8	2,141.70	8	1,775.18	8	1,408.65	8	1,042.58	8	676.52	8	313.72	8	9.47	8		8		8	
1/4	2,134.07	1/4	1,767.54	1/4	1,401.01	1/4	1,034.96	1/4	668.88	1/4	306.50	1/4	6.19	1/4		1/4		1/4	
1/2	2,126.43	1/2	1,759.90	1/2	1,393.38	1/2	1,027.34	1/2	661.24	1/2	299.27	1/2	2.92	1/2		1/2		1/2	
3/4	2,118.80	3/4	1,752.27	3/4	1,385.74	3/4	1,019.73	3/4	653.61	3/4	292.13	3/4		3/4		3/4		3/4	
9	2,111.16	9	1,744.63	9	1,378.10	9	1,012.11	9	645.97	9	285.00	9		9		9		9	
1/4	2,103.52	1/4	1,737.00	1/4	1,370.47	1/4	1,004.49	1/4	638.34	1/4	277.86	1/4		1/4		1/4		1/4	
1/2	2,095.89	1/2	1,729.36	1/2	1,362.83	1/2	996.88	1/2	630.70	1/2	270.72	1/2		1/2		1/2		1/2	
3/4	2,088.25	3/4	1,721.72	3/4	1,355.20	3/4	989.26	3/4	623.07	3/4	263.69	3/4		3/4		3/4		3/4	
10	2,080.62	10	1,714.09	10	1,347.56	10	981.64	10	615.43	10	256.66	10		10		10		10	
1/4	2,072.98	1/4	1,706.45	1/4	1,339.92	1/4	974.03	1/4	607.79	1/4	249.63	1/4		1/4		1/4		1/4	
1/2	2,065.34	1/2	1,698.82	1/2	1,332.29	1/2	966.41	1/2	600.16	1/2	242.60	1/2		1/2		1/2		1/2	
3/4	2,057.71	3/4	1,691.18	3/4	1,324.65	3/4	958.79	3/4	592.52	3/4	235.66	3/4		3/4		3/4		3/4	
11	2,050.07	11	1,683.54	11	1,317.02	11	951.18	11	584.89	11	228.71	11		11		11		11	
1/4	2,042.44	1/4	1,675.91	1/4	1,309.38	1/4	943.56	1/4	577.25	1/4	221.77	1/4		1/4		1/4		1/4	
1/2	2,034.80	1/2	1,668.27	1/2	1,301.74	1/2	935.94	1/2	569.62	1/2	214.83	1/2		1/2		1/2		1/2	
3/4	2,027.16	3/4	1,660.64	3/4	1,294.11	3/4	928.33	3/4	561.98	3/4	207.98	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2007 CL - SW
CALCULATED: 01/24/2007 CL
PRINTED: 01/25/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2007

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



BARGE "KIRBY 28722"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 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	
0		0		0		0		0	4,562.16	0	4,220.03	0	3,859.61	0	3,493.30	0	3,127.00	0	2,760.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,555.22	1/4	4,212.70	1/4	3,851.98	1/4	3,485.67	1/4	3,119.36	1/4	2,753.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,548.28	1/2	4,205.37	1/2	3,844.35	1/2	3,478.04	1/2	3,111.73	1/2	2,745.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,541.34	3/4	4,198.04	3/4	3,836.72	3/4	3,470.41	3/4	3,104.10	3/4	2,737.76		
1		1		1		1		1	4,534.37	1	4,190.68	1	3,829.08	1	3,462.78	1	3,096.47	1	2,730.13		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,846.14	1/4	4,527.39	1/4	4,183.32	1/4	3,821.45	1/4	3,455.15	1/4	3,088.84	1/4	2,722.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,841.68	1/2	4,520.42	1/2	4,175.95	1/2	3,813.82	1/2	3,447.51	1/2	3,081.21	1/2	2,714.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,837.23	3/4	4,513.45	3/4	4,168.59	3/4	3,806.19	3/4	3,439.88	3/4	3,073.58	3/4	2,707.22
2		2		2		2		2	4,831.50	2	4,506.44	2	4,161.19	2	3,798.56	2	3,432.25	2	3,065.94	2	2,699.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,825.78	1/4	4,499.43	1/4	4,153.80	1/4	3,790.93	1/4	3,424.62	1/4	3,058.31	1/4	2,691.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,820.05	1/2	4,492.43	1/2	4,146.40	1/2	3,783.30	1/2	3,416.99	1/2	3,050.68	1/2	2,684.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,814.33	3/4	4,485.42	3/4	4,139.01	3/4	3,775.67	3/4	3,409.36	3/4	3,043.05	3/4	2,676.68
3		3		3		3		3	4,807.33	3	4,478.38	3	4,131.58	3	3,768.03	3	3,401.73	3	3,035.42	3	2,669.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,800.33	1/4	4,471.35	1/4	4,124.15	1/4	3,760.40	1/4	3,394.10	1/4	3,027.79	1/4	2,661.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,793.33	1/2	4,464.31	1/2	4,116.72	1/2	3,752.77	1/2	3,386.46	1/2	3,020.16	1/2	2,653.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,786.34	3/4	4,457.27	3/4	4,109.29	3/4	3,745.14	3/4	3,378.83	3/4	3,012.53	3/4	2,646.14
4		4		4		4		4	4,779.69	4	4,450.20	4	4,101.83	4	3,737.51	4	3,371.20	4	3,004.89	4	2,638.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,773.05	1/4	4,443.13	1/4	4,094.37	1/4	3,729.88	1/4	3,363.57	1/4	2,997.26	1/4	2,630.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,766.40	1/2	4,436.06	1/2	4,086.91	1/2	3,722.25	1/2	3,355.94	1/2	2,989.63	1/2	2,623.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,759.76	3/4	4,428.99	3/4	4,079.45	3/4	3,714.61	3/4	3,348.31	3/4	2,982.00	3/4	2,615.60
5		5		5		5		5	4,753.06	5	4,421.88	5	4,071.96	5	3,706.98	5	3,340.68	5	2,974.37	5	2,607.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,746.35	1/4	4,414.78	1/4	4,064.46	1/4	3,699.35	1/4	3,333.04	1/4	2,966.74	1/4	2,600.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,739.65	1/2	4,407.68	1/2	4,056.97	1/2	3,691.72	1/2	3,325.41	1/2	2,959.11	1/2	2,592.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,732.95	3/4	4,400.57	3/4	4,049.48	3/4	3,684.09	3/4	3,317.78	3/4	2,951.47	3/4	2,585.05
6		6		6		6		6	4,726.20	6	4,393.44	6	4,041.95	6	3,676.46	6	3,310.15	6	2,943.84	6	2,577.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,719.46	1/4	4,386.30	1/4	4,034.43	1/4	3,668.83	1/4	3,302.52	1/4	2,936.21	1/4	2,569.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,712.71	1/2	4,379.17	1/2	4,026.90	1/2	3,661.19	1/2	3,294.89	1/2	2,928.58	1/2	2,562.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,705.97	3/4	4,372.03	3/4	4,019.37	3/4	3,653.56	3/4	3,287.26	3/4	2,920.95	3/4	2,554.51
7		7		7		7		7	4,699.19	7	4,364.86	7	4,011.82	7	3,645.93	7	3,279.62	7	2,913.32	7	2,546.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,692.41	1/4	4,357.69	1/4	4,004.26	1/4	3,638.30	1/4	3,271.99	1/4	2,905.69	1/4	2,539.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,685.64	1/2	4,350.53	1/2	3,996.70	1/2	3,630.67	1/2	3,264.36	1/2	2,898.05	1/2	2,531.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,678.86	3/4	4,343.36	3/4	3,989.14	3/4	3,623.04	3/4	3,256.73	3/4	2,890.42	3/4	2,523.97
8		8		8		8		8	4,672.05	8	4,336.16	8	3,981.55	8	3,615.41	8	3,249.10	8	2,882.79	8	2,516.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,665.24	1/4	4,328.96	1/4	3,973.96	1/4	3,607.77	1/4	3,241.47	1/4	2,875.16	1/4	2,508.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,658.42	1/2	4,321.75	1/2	3,966.37	1/2	3,600.14	1/2	3,233.84	1/2	2,867.53	1/2	2,501.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,651.61	3/4	4,314.55	3/4	3,958.78	3/4	3,592.51	3/4	3,226.20	3/4	2,859.90	3/4	2,493.43
9		9		9		9		9	4,644.77	9	4,307.32	9	3,951.16	9	3,584.88	9	3,218.57	9	2,852.27	9	2,485.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,637.93	1/4	4,300.09	1/4	3,943.54	1/4	3,577.25	1/4	3,210.94	1/4	2,844.63	1/4	2,478.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,631.08	1/2	4,292.85	1/2	3,935.91	1/2	3,569.62	1/2	3,203.31	1/2	2,837.00	1/2	2,470.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,624.24	3/4	4,285.62	3/4	3,928.29	3/4	3,561.99	3/4	3,195.68	3/4	2,829.37	3/4	2,462.89
10		10		10		10		10	4,617.36	10	4,278.36	10	3,920.66	10	3,554.35	10	3,188.05	10	2,821.74	10	2,455.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,610.49	1/4	4,271.09	1/4	3,913.03	1/4	3,546.72	1/4	3,180.42	1/4	2,814.11	1/4	2,447.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,603.61	1/2	4,263.82	1/2	3,905.40	1/2	3,539.09	1/2	3,172.78	1/2	2,806.48	1/2	2,439.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,596.74	3/4	4,256.56	3/4	3,897.77	3/4	3,531.46	3/4	3,165.15	3/4	2,798.85	3/4	2,432.35
11		11		11		11		11	4,589.83	11	4,249.26	11	3,890.14	11	3,523.83	11	3,157.52	11	2,791.21	11	2,424.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,582.92	1/4	4,241.96	1/4	3,882.50	1/4	3,516.20	1/4	3,149.89	1/4	2,783.58	1/4	2,417.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,576.01	1/2	4,234.66	1/2	3,874.87	1/2	3,508.57	1/2	3,142.26	1/2	2,775.94	1/2	2,409.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,569.10	3/4	4,227.36	3/4	3,867.24	3/4	3,500.93	3/4	3,134.63	3/4	2,768.30	3/4	2,401.81

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'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28722"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 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	2,394.17	0	2,027.67	0	1,661.38	0	1,294.85	0	928.48	0	561.98	0	207.98	0		0		0	
1/4	2,386.53	1/4	2,020.04	1/4	1,653.75	1/4	1,287.22	1/4	920.85	1/4	554.34	1/4	201.13	1/4		1/4		1/4	
1/2	2,378.90	1/2	2,012.40	1/2	1,646.11	1/2	1,279.58	1/2	913.22	1/2	546.71	1/2	194.28	1/2		1/2		1/2	
3/4	2,371.26	3/4	2,004.76	3/4	1,638.47	3/4	1,271.95	3/4	905.59	3/4	539.07	3/4	187.43	3/4		3/4		3/4	
1	2,363.63	1	1,997.13	1	1,630.84	1	1,264.31	1	897.95	1	531.44	1	180.91	1		1		1	
1/4	2,355.99	1/4	1,989.49	1/4	1,623.20	1/4	1,256.67	1/4	890.32	1/4	523.80	1/4	174.39	1/4		1/4		1/4	
1/2	2,348.36	1/2	1,981.86	1/2	1,615.57	1/2	1,249.04	1/2	882.68	1/2	516.16	1/2	167.87	1/2		1/2		1/2	
3/4	2,340.72	3/4	1,974.22	3/4	1,607.93	3/4	1,241.40	3/4	875.05	3/4	508.53	3/4	161.36	3/4		3/4		3/4	
2	2,333.09	2	1,966.59	2	1,600.29	2	1,233.77	2	867.41	2	500.89	2	154.93	2		2		2	
1/4	2,325.45	1/4	1,958.95	1/4	1,592.66	1/4	1,226.13	1/4	859.78	1/4	493.26	1/4	148.51	1/4		1/4		1/4	
1/2	2,317.82	1/2	1,951.32	1/2	1,585.02	1/2	1,218.49	1/2	852.14	1/2	485.62	1/2	142.08	1/2		1/2		1/2	
3/4	2,310.18	3/4	1,943.68	3/4	1,577.39	3/4	1,210.86	3/4	844.50	3/4	477.99	3/4	135.66	3/4		3/4		3/4	
3	2,302.54	3	1,936.05	3	1,569.75	3	1,203.22	3	836.87	3	470.35	3	129.33	3		3		3	
1/4	2,294.91	1/4	1,928.41	1/4	1,562.11	1/4	1,195.59	1/4	829.23	1/4	462.71	1/4	123.01	1/4		1/4		1/4	
1/2	2,287.27	1/2	1,920.77	1/2	1,554.48	1/2	1,187.95	1/2	821.60	1/2	455.08	1/2	116.69	1/2		1/2		1/2	
3/4	2,279.64	3/4	1,913.14	3/4	1,546.84	3/4	1,180.31	3/4	813.96	3/4	447.44	3/4	110.36	3/4		3/4		3/4	
4	2,272.00	4	1,905.50	4	1,539.21	4	1,172.68	4	806.32	4	439.85	4	104.14	4		4		4	
1/4	2,264.37	1/4	1,897.87	1/4	1,531.57	1/4	1,165.04	1/4	798.69	1/4	432.26	1/4	97.93	1/4		1/4		1/4	
1/2	2,256.73	1/2	1,890.23	1/2	1,523.93	1/2	1,157.41	1/2	791.05	1/2	424.67	1/2	91.71	1/2		1/2		1/2	
3/4	2,249.10	3/4	1,882.60	3/4	1,516.30	3/4	1,149.77	3/4	783.42	3/4	417.08	3/4	85.49	3/4		3/4		3/4	
5	2,241.46	5	1,874.96	5	1,508.66	5	1,142.14	5	775.78	5	409.58	5	79.37	5		5		5	
1/4	2,233.83	1/4	1,867.33	1/4	1,501.03	1/4	1,134.51	1/4	768.15	1/4	402.08	1/4	73.26	1/4		1/4		1/4	
1/2	2,226.19	1/2	1,859.69	1/2	1,493.39	1/2	1,126.88	1/2	760.51	1/2	394.58	1/2	67.14	1/2		1/2		1/2	
3/4	2,218.56	3/4	1,852.06	3/4	1,485.75	3/4	1,119.25	3/4	752.87	3/4	387.08	3/4	61.02	3/4		3/4		3/4	
6	2,210.92	6	1,844.43	6	1,478.12	6	1,111.62	6	745.24	6	379.67	6	55.04	6		6		6	
1/4	2,203.28	1/4	1,836.80	1/4	1,470.48	1/4	1,103.99	1/4	737.60	1/4	372.27	1/4	49.06	1/4		1/4		1/4	
1/2	2,195.65	1/2	1,829.17	1/2	1,462.85	1/2	1,096.36	1/2	729.97	1/2	364.86	1/2	43.07	1/2		1/2		1/2	
3/4	2,188.01	3/4	1,821.54	3/4	1,455.21	3/4	1,088.72	3/4	722.33	3/4	357.45	3/4	37.09	3/4		3/4		3/4	
7	2,180.38	7	1,813.92	7	1,447.57	7	1,081.09	7	714.70	7	350.13	7	31.82	7		7		7	
1/4	2,172.74	1/4	1,806.30	1/4	1,439.94	1/4	1,073.46	1/4	707.06	1/4	342.81	1/4	26.55	1/4		1/4		1/4	
1/2	2,165.11	1/2	1,798.68	1/2	1,432.30	1/2	1,065.83	1/2	699.42	1/2	335.49	1/2	21.28	1/2		1/2		1/2	
3/4	2,157.47	3/4	1,791.06	3/4	1,424.67	3/4	1,058.20	3/4	691.79	3/4	328.18	3/4	16.02	3/4		3/4		3/4	
8	2,149.84	8	1,783.43	8	1,417.03	8	1,050.57	8	684.15	8	320.95	8	12.74	8		8		8	
1/4	2,142.20	1/4	1,775.81	1/4	1,409.39	1/4	1,042.94	1/4	676.52	1/4	313.72	1/4	9.47	1/4		1/4		1/4	
1/2	2,134.57	1/2	1,768.19	1/2	1,401.76	1/2	1,035.31	1/2	668.88	1/2	306.50	1/2	6.19	1/2		1/2		1/2	
3/4	2,126.93	3/4	1,760.57	3/4	1,394.12	3/4	1,027.68	3/4	661.24	3/4	299.27	3/4	2.92	3/4		3/4		3/4	
9	2,119.30	9	1,752.95	9	1,386.49	9	1,020.05	9	653.61	9	292.13	9		9		9		9	
1/4	2,111.66	1/4	1,745.32	1/4	1,378.85	1/4	1,012.42	1/4	645.97	1/4	285.00	1/4		1/4		1/4		1/4	
1/2	2,104.02	1/2	1,737.70	1/2	1,371.21	1/2	1,004.79	1/2	638.34	1/2	277.86	1/2		1/2		1/2		1/2	
3/4	2,096.39	3/4	1,730.08	3/4	1,363.58	3/4	997.16	3/4	630.70	3/4	270.72	3/4		3/4		3/4		3/4	
10	2,088.75	10	1,722.45	10	1,355.94	10	989.53	10	623.07	10	263.69	10		10		10		10	
1/4	2,081.12	1/4	1,714.82	1/4	1,348.31	1/4	981.90	1/4	615.43	1/4	256.66	1/4		1/4		1/4		1/4	
1/2	2,073.48	1/2	1,707.19	1/2	1,340.67	1/2	974.27	1/2	607.79	1/2	249.63	1/2		1/2		1/2		1/2	
3/4	2,065.85	3/4	1,699.56	3/4	1,333.03	3/4	966.64	3/4	600.16	3/4	242.60	3/4		3/4		3/4		3/4	
11	2,058.21	11	1,691.93	11	1,325.40	11	959.00	11	592.52	11	235.66	11		11		11		11	
1/4	2,050.58	1/4	1,684.29	1/4	1,317.76	1/4	951.37	1/4	584.89	1/4	228.71	1/4		1/4		1/4		1/4	
1/2	2,042.94	1/2	1,676.65	1/2	1,310.13	1/2	943.74	1/2	577.25	1/2	221.77	1/2		1/2		1/2		1/2	
3/4	2,035.31	3/4	1,669.02	3/4	1,302.49	3/4	936.11	3/4	569.62	3/4	214.83	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2007 CL - SW
CALCULATED: 01/24/2007 CL
PRINTED: 01/25/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2007

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



BARGE "KIRBY 28722"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 7/8"

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	4,560.42	0	4,219.06	0	3,859.72	0	3,495.53	0	3,131.34	0	2,767.13
1/4	1/4	1/4	1/4	3/8	4,866.74	1/4	4,553.49	1/4	4,211.74	1/4	3,852.14	1/4	3,487.95	1/4	3,123.76	1/4	2,759.54		
1/2	1/2	1/2	1/2	1/2	4,864.52	1/2	4,546.57	1/2	4,204.43	1/2	3,844.55	1/2	3,480.36	1/2	3,116.17	1/2	2,751.94		
3/4	3/4	3/4	3/4	3/4	4,860.10	3/4	4,539.65	3/4	4,197.11	3/4	3,836.96	3/4	3,472.77	3/4	3,108.58	3/4	2,744.35		
1		1		1	4,854.56	1	4,532.69	1	4,189.77	1	3,829.37	1	3,465.18	1	3,100.99	1	2,736.76		
1/4	1/4	1/4	1/4	1/4	4,849.03	1/4	4,525.73	1/4	4,182.42	1/4	3,821.79	1/4	3,457.60	1/4	3,093.41	1/4	2,729.17		
1/2	1/2	1/2	1/2	1/2	4,843.49	1/2	4,518.77	1/2	4,175.07	1/2	3,814.20	1/2	3,450.01	1/2	3,085.82	1/2	2,721.58		
3/4	3/4	3/4	3/4	3/4	4,837.96	3/4	4,511.82	3/4	4,167.72	3/4	3,806.61	3/4	3,442.42	3/4	3,078.23	3/4	2,713.99		
2		2		2	4,831.16	2	4,504.83	2	4,160.35	2	3,799.03	2	3,434.84	2	3,070.64	2	2,706.40		
1/4	1/4	1/4	1/4	1/4	4,824.36	1/4	4,497.84	1/4	4,152.97	1/4	3,791.44	1/4	3,427.25	1/4	3,063.06	1/4	2,698.80		
1/2	1/2	1/2	1/2	1/2	4,817.56	1/2	4,490.85	1/2	4,145.59	1/2	3,783.85	1/2	3,419.66	1/2	3,055.47	1/2	2,691.21		
3/4	3/4	3/4	3/4	3/4	4,810.76	3/4	4,483.86	3/4	4,138.21	3/4	3,776.26	3/4	3,412.07	3/4	3,047.88	3/4	2,683.62		
3		3		3	4,804.12	3	4,476.84	3	4,130.79	3	3,768.68	3	3,404.49	3	3,040.30	3	2,676.03		
1/4	1/4	1/4	1/4	1/4	4,797.47	1/4	4,469.81	1/4	4,123.38	1/4	3,761.09	1/4	3,396.90	1/4	3,032.71	1/4	2,668.44		
1/2	1/2	1/2	1/2	1/2	4,790.83	1/2	4,462.79	1/2	4,115.97	1/2	3,753.50	1/2	3,389.31	1/2	3,025.12	1/2	2,660.85		
3/4	3/4	3/4	3/4	3/4	4,784.18	3/4	4,455.77	3/4	4,108.56	3/4	3,745.91	3/4	3,381.72	3/4	3,017.53	3/4	2,653.26		
4		4		4	4,777.53	4	4,448.71	4	4,101.11	4	3,738.33	4	3,374.14	4	3,009.95	4	2,645.66		
1/4	1/4	1/4	1/4	1/4	4,770.88	1/4	4,441.66	1/4	4,093.67	1/4	3,730.74	1/4	3,366.55	1/4	3,002.36	1/4	2,638.07		
1/2	1/2	1/2	1/2	1/2	4,764.23	1/2	4,434.60	1/2	4,086.22	1/2	3,723.15	1/2	3,358.96	1/2	2,994.77	1/2	2,630.48		
3/4	3/4	3/4	3/4	3/4	4,757.58	3/4	4,427.55	3/4	4,078.78	3/4	3,715.57	3/4	3,351.37	3/4	2,987.18	3/4	2,622.89		
5		5		5	4,750.88	5	4,420.46	5	4,071.30	5	3,707.98	5	3,343.79	5	2,979.60	5	2,615.30		
1/4	1/4	1/4	1/4	1/4	4,744.19	1/4	4,413.37	1/4	4,063.82	1/4	3,700.39	1/4	3,336.20	1/4	2,972.01	1/4	2,607.71		
1/2	1/2	1/2	1/2	1/2	4,737.50	1/2	4,406.29	1/2	4,056.34	1/2	3,692.80	1/2	3,328.61	1/2	2,964.42	1/2	2,600.12		
3/4	3/4	3/4	3/4	3/4	4,730.80	3/4	4,399.20	3/4	4,048.86	3/4	3,685.22	3/4	3,321.03	3/4	2,956.84	3/4	2,592.52		
6		6		6	4,724.08	6	4,392.08	6	4,041.35	6	3,677.63	6	3,313.44	6	2,949.25	6	2,584.93		
1/4	1/4	1/4	1/4	1/4	4,717.35	1/4	4,384.96	1/4	4,033.84	1/4	3,670.04	1/4	3,305.85	1/4	2,941.66	1/4	2,577.34		
1/2	1/2	1/2	1/2	1/2	4,710.62	1/2	4,377.84	1/2	4,026.33	1/2	3,662.45	1/2	3,298.26	1/2	2,934.07	1/2	2,569.75		
3/4	3/4	3/4	3/4	3/4	4,703.89	3/4	4,370.72	3/4	4,018.82	3/4	3,654.87	3/4	3,290.68	3/4	2,926.49	3/4	2,562.16		
7		7		7	4,697.13	7	4,363.57	7	4,011.28	7	3,647.28	7	3,283.09	7	2,918.90	7	2,554.57		
1/4	1/4	1/4	1/4	1/4	4,690.36	1/4	4,356.42	1/4	4,003.74	1/4	3,639.69	1/4	3,275.50	1/4	2,911.31	1/4	2,546.98		
1/2	1/2	1/2	1/2	1/2	4,683.60	1/2	4,349.26	1/2	3,996.20	1/2	3,632.11	1/2	3,267.91	1/2	2,903.72	1/2	2,539.39		
3/4	3/4	3/4	3/4	3/4	4,676.84	3/4	4,342.11	3/4	3,988.65	3/4	3,624.52	3/4	3,260.33	3/4	2,896.14	3/4	2,531.79		
8		8		8	4,670.04	8	4,334.93	8	3,981.08	8	3,616.93	8	3,252.74	8	2,888.55	8	2,524.20		
1/4	1/4	1/4	1/4	1/4	4,663.25	1/4	4,327.74	1/4	3,973.50	1/4	3,609.34	1/4	3,245.15	1/4	2,880.96	1/4	2,516.61		
1/2	1/2	1/2	1/2	1/2	4,656.45	1/2	4,320.56	1/2	3,965.93	1/2	3,601.76	1/2	3,237.57	1/2	2,873.37	1/2	2,509.02		
3/4	3/4	3/4	3/4	3/4	4,649.66	3/4	4,313.37	3/4	3,958.35	3/4	3,594.17	3/4	3,229.98	3/4	2,865.79	3/4	2,501.43		
9		9		9	4,642.83	9	4,306.16	9	3,950.77	9	3,586.58	9	3,222.39	9	2,858.20	9	2,493.84		
1/4	1/4	1/4	1/4	1/4	4,636.01	1/4	4,298.94	1/4	3,943.18	1/4	3,578.99	1/4	3,214.80	1/4	2,850.61	1/4	2,486.25		
1/2	1/2	1/2	1/2	1/2	4,629.18	1/2	4,291.72	1/2	3,935.60	1/2	3,571.41	1/2	3,207.22	1/2	2,843.03	1/2	2,478.65		
3/4	3/4	3/4	3/4	3/4	4,622.35	3/4	4,284.50	3/4	3,928.01	3/4	3,563.82	3/4	3,199.63	3/4	2,835.44	3/4	2,471.06		
10		10		10	4,615.49	10	4,277.25	10	3,920.42	10	3,556.23	10	3,192.04	10	2,827.85	10	2,463.47		
1/4	1/4	1/4	1/4	1/4	4,608.63	1/4	4,270.00	1/4	3,912.84	1/4	3,548.64	1/4	3,184.45	1/4	2,820.26	1/4	2,455.88		
1/2	1/2	1/2	1/2	1/2	4,601.77	1/2	4,262.75	1/2	3,905.25	1/2	3,541.06	1/2	3,176.87	1/2	2,812.67	1/2	2,448.29		
3/4	3/4	3/4	3/4	3/4	4,594.91	3/4	4,255.50	3/4	3,897.66	3/4	3,533.47	3/4	3,169.28	3/4	2,805.08	3/4	2,440.70		
11		11		11	4,588.02	11	4,248.22	11	3,890.07	11	3,525.88	11	3,161.69	11	2,797.49	11	2,433.11		
1/4	1/4	1/4	1/4	1/4	4,581.13	1/4	4,240.94	1/4	3,882.49	1/4	3,518.30	1/4	3,154.11	1/4	2,789.90	1/4	2,425.51		
1/2	1/2	1/2	1/2	1/2	4,574.24	1/2	4,233.66	1/2	3,874.90	1/2	3,510.71	1/2	3,146.52	1/2	2,782.31	1/2	2,417.92		
3/4	3/4	3/4	3/4	3/4	4,567.34	3/4	4,226.37	3/4	3,867.31	3/4	3,503.12	3/4	3,138.93	3/4	2,774.72	3/4	2,410.33		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28722"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 7/8"

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	2,402.74	0	2,038.35	0	1,673.97	0	1,311.05	0	961.56	0	597.29	0	233.30	0		0		0	
1/4	2,395.15	1/4	2,030.76	1/4	1,666.37	1/4	1,303.79	1/4	953.98	1/4	589.70	1/4	225.93	1/4		1/4		1/4	
1/2	2,387.56	1/2	2,023.17	1/2	1,658.78	1/2	1,296.53	1/2	946.40	1/2	582.11	1/2	218.56	1/2		1/2		1/2	
3/4	2,379.97	3/4	2,015.58	3/4	1,651.19	3/4	1,289.26	3/4	938.83	3/4	574.52	3/4	211.19	3/4		3/4		3/4	
1	2,372.37	1	2,007.99	1	1,643.60	1	1,282.00	1	931.25	1	566.93	1	203.86	1		1		1	
1/4	2,364.78	1/4	2,000.40	1/4	1,636.01	1/4	1,274.74	1/4	923.67	1/4	559.34	1/4	196.53	1/4		1/4		1/4	
1/2	2,357.19	1/2	1,992.80	1/2	1,628.42	1/2	1,267.47	1/2	916.10	1/2	551.75	1/2	189.19	1/2		1/2		1/2	
3/4	2,349.60	3/4	1,985.21	3/4	1,620.83	3/4	1,260.21	3/4	908.52	3/4	544.16	3/4	181.86	3/4		3/4		3/4	
2	2,342.01	2	1,977.62	2	1,613.23	2	1,252.95	2	900.93	2	536.56	2	174.54	2		2		2	
1/4	2,334.42	1/4	1,970.03	1/4	1,605.64	1/4	1,245.68	1/4	893.34	1/4	528.97	1/4	167.21	1/4		1/4		1/4	
1/2	2,326.83	1/2	1,962.44	1/2	1,598.05	1/2	1,238.42	1/2	885.76	1/2	521.38	1/2	159.88	1/2		1/2		1/2	
3/4	2,319.23	3/4	1,954.85	3/4	1,590.46	3/4	1,231.16	3/4	878.17	3/4	513.79	3/4	152.56	3/4		3/4		3/4	
3	2,311.64	3	1,947.26	3	1,582.87	3	1,223.89	3	870.58	3	506.20	3	145.25	3		3		3	
1/4	2,304.05	1/4	1,939.66	1/4	1,575.28	1/4	1,216.63	1/4	862.99	1/4	498.61	1/4	137.94	1/4		1/4		1/4	
1/2	2,296.46	1/2	1,932.07	1/2	1,567.69	1/2	1,209.36	1/2	855.39	1/2	491.02	1/2	130.63	1/2		1/2		1/2	
3/4	2,288.87	3/4	1,924.48	3/4	1,560.09	3/4	1,202.10	3/4	847.80	3/4	483.43	3/4	123.32	3/4		3/4		3/4	
4	2,281.28	4	1,916.89	4	1,552.50	4	1,194.85	4	840.21	4	475.83	4	116.02	4		4		4	
1/4	2,273.69	1/4	1,909.30	1/4	1,544.91	1/4	1,187.61	1/4	832.62	1/4	468.24	1/4	108.72	1/4		1/4		1/4	
1/2	2,266.09	1/2	1,901.71	1/2	1,537.32	1/2	1,180.36	1/2	825.03	1/2	460.65	1/2	101.42	1/2		1/2		1/2	
3/4	2,258.50	3/4	1,894.12	3/4	1,529.73	3/4	1,173.11	3/4	817.44	3/4	453.06	3/4	94.12	3/4		3/4		3/4	
5	2,250.91	5	1,886.52	5	1,522.14	5	1,165.87	5	809.85	5	445.47	5	86.86	5		5		5	
1/4	2,243.32	1/4	1,878.93	1/4	1,514.55	1/4	1,158.63	1/4	802.26	1/4	437.88	1/4	79.59	1/4		1/4		1/4	
1/2	2,235.73	1/2	1,871.34	1/2	1,506.95	1/2	1,151.38	1/2	794.66	1/2	430.29	1/2	72.33	1/2		1/2		1/2	
3/4	2,228.14	3/4	1,863.75	3/4	1,499.36	3/4	1,144.14	3/4	787.07	3/4	422.70	3/4	65.07	3/4		3/4		3/4	
6	2,220.55	6	1,856.16	6	1,491.77	6	1,136.89	6	779.48	6	415.10	6	58.36	6		6		6	
1/4	2,212.95	1/4	1,848.57	1/4	1,484.18	1/4	1,129.65	1/4	771.89	1/4	407.51	1/4	51.64	1/4		1/4		1/4	
1/2	2,205.36	1/2	1,840.98	1/2	1,476.59	1/2	1,122.41	1/2	764.30	1/2	399.92	1/2	44.93	1/2		1/2		1/2	
3/4	2,197.77	3/4	1,833.38	3/4	1,469.00	3/4	1,115.16	3/4	756.71	3/4	392.33	3/4	38.21	3/4		3/4		3/4	
7	2,190.18	7	1,825.79	7	1,461.41	7	1,107.92	7	749.12	7	384.74	7	33.23	7		7		7	
1/4	2,182.59	1/4	1,818.20	1/4	1,453.81	1/4	1,100.67	1/4	741.53	1/4	377.15	1/4	28.25	1/4		1/4		1/4	
1/2	2,175.00	1/2	1,810.61	1/2	1,446.22	1/2	1,093.43	1/2	733.94	1/2	369.56	1/2	23.27	1/2		1/2		1/2	
3/4	2,167.41	3/4	1,803.02	3/4	1,438.63	3/4	1,086.19	3/4	726.34	3/4	361.97	3/4	18.29	3/4		3/4		3/4	
8	2,159.82	8	1,795.43	8	1,431.04	8	1,078.94	8	718.75	8	354.38	7 7/8	15.91	8		8		8	
1/4	2,152.22	1/4	1,787.84	1/4	1,423.45	1/4	1,071.70	1/4	711.16	1/4	346.78	1/4		1/4		1/4		1/4	
1/2	2,144.63	1/2	1,780.25	1/2	1,415.86	1/2	1,064.45	1/2	703.57	1/2	339.19	1/2		1/2		1/2		1/2	
3/4	2,137.04	3/4	1,772.65	3/4	1,408.27	3/4	1,057.21	3/4	695.98	3/4	331.60	3/4		3/4		3/4		3/4	
9	2,129.45	9	1,765.06	9	1,400.68	9	1,049.97	9	688.39	9	324.02	9	9	9		9		9	
1/4	2,121.86	1/4	1,757.47	1/4	1,393.08	1/4	1,042.72	1/4	680.80	1/4	316.44	1/4		1/4		1/4		1/4	
1/2	2,114.27	1/2	1,749.88	1/2	1,385.49	1/2	1,035.48	1/2	673.21	1/2	308.86	1/2		1/2		1/2		1/2	
3/4	2,106.68	3/4	1,742.29	3/4	1,377.90	3/4	1,028.23	3/4	665.61	3/4	301.28	3/4		3/4		3/4		3/4	
10	2,099.08	10	1,734.70	10	1,370.31	10	1,020.99	10	658.02	10	293.71	10	10	10		10		10	
1/4	2,091.49	1/4	1,727.11	1/4	1,362.72	1/4	1,013.75	1/4	650.43	1/4	286.13	1/4		1/4		1/4		1/4	
1/2	2,083.90	1/2	1,719.51	1/2	1,355.13	1/2	1,006.50	1/2	642.84	1/2	278.55	1/2		1/2		1/2		1/2	
3/4	2,076.31	3/4	1,711.92	3/4	1,347.54	3/4	999.26	3/4	635.25	3/4	270.97	3/4		3/4		3/4		3/4	
11	2,068.72	11	1,704.33	11	1,340.23	11	991.73	11	627.66	11	263.40	11	11	11		11		11	
1/4	2,061.13	1/4	1,696.74	1/4	1,332.93	1/4	984.20	1/4	620.07	1/4	255.82	1/4		1/4		1/4		1/4	
1/2	2,053.54	1/2	1,689.15	1/2	1,325.62	1/2	976.67	1/2	612.48	1/2	248.24	1/2		1/2		1/2		1/2	
3/4	2,045.94	3/4	1,681.56	3/4	1,318.32	3/4	969.13	3/4	604.88	3/4	240.66	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2007 CL - SW
CALCULATED: 01/24/2007 CL
PRINTED: 01/25/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28722"

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		IN	
0		0		0		0		0	4,565.67	0	4,224.54	0	3,865.51	0	3,501.78	0	3,138.06	0	2,774.31		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,875.06	1/4	4,558.75	1/4	4,217.23	1/4	3,857.93	1/4	3,494.21	1/4	3,130.48	1/4	2,766.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,870.63	1/2	4,551.83	1/2	4,209.92	1/2	3,850.35	1/2	3,486.63	1/2	3,122.90	1/2	2,759.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,866.21	3/4	4,544.91	3/4	4,202.61	3/4	3,842.78	3/4	3,479.05	3/4	3,115.33	3/4	2,751.57
1		1		1		1		1	4,860.53	1	4,537.96	1	4,195.27	1	3,835.20	1	3,471.47	1	3,107.75	1	2,743.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,854.84	1/4	4,531.00	1/4	4,187.93	1/4	3,827.62	1/4	3,463.90	1/4	3,100.17	1/4	2,736.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,849.15	1/2	4,524.05	1/2	4,180.58	1/2	3,820.04	1/2	3,456.32	1/2	3,092.59	1/2	2,728.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,843.47	3/4	4,517.10	3/4	4,173.24	3/4	3,812.47	3/4	3,448.74	3/4	3,085.02	3/4	2,721.25
2		2		2		2		2	4,836.52	2	4,510.11	2	4,165.87	2	3,804.89	2	3,441.16	2	3,077.44	2	2,713.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,829.57	1/4	4,503.13	1/4	4,158.49	1/4	3,797.31	1/4	3,433.59	1/4	3,069.86	1/4	2,706.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,822.63	1/2	4,496.14	1/2	4,151.12	1/2	3,789.73	1/2	3,426.01	1/2	3,062.28	1/2	2,698.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,815.68	3/4	4,489.16	3/4	4,143.74	3/4	3,782.16	3/4	3,418.43	3/4	3,054.71	3/4	2,690.92
3		3		3		3		3	4,809.09	3	4,482.14	3	4,136.34	3	3,774.58	3	3,410.85	3	3,047.13	3	2,683.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,802.49	1/4	4,475.12	1/4	4,128.93	1/4	3,767.00	1/4	3,403.28	1/4	3,039.55	1/4	2,675.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,795.90	1/2	4,468.10	1/2	4,121.52	1/2	3,759.42	1/2	3,395.70	1/2	3,031.97	1/2	2,668.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,789.31	3/4	4,461.09	3/4	4,114.11	3/4	3,751.85	3/4	3,388.12	3/4	3,024.40	3/4	2,660.60
4		4		4		4		4	4,782.66	4	4,454.04	4	4,106.67	4	3,744.27	4	3,380.54	4	3,016.82	4	2,653.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,776.01	1/4	4,446.99	1/4	4,099.23	1/4	3,736.69	1/4	3,372.97	1/4	3,009.24	1/4	2,645.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,769.36	1/2	4,439.94	1/2	4,091.79	1/2	3,729.11	1/2	3,365.39	1/2	3,001.66	1/2	2,637.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,762.71	3/4	4,432.89	3/4	4,084.36	3/4	3,721.53	3/4	3,357.81	3/4	2,994.09	3/4	2,630.28
5		5		5		5		5	4,756.02	5	4,425.80	5	4,076.88	5	3,713.96	5	3,350.23	5	2,986.51	5	2,622.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,749.33	1/4	4,418.72	1/4	4,069.41	1/4	3,706.38	1/4	3,342.65	1/4	2,978.93	1/4	2,615.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,742.64	1/2	4,411.64	1/2	4,061.94	1/2	3,698.80	1/2	3,335.08	1/2	2,971.35	1/2	2,607.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,735.95	3/4	4,404.56	3/4	4,054.47	3/4	3,691.22	3/4	3,327.50	3/4	2,963.77	3/4	2,599.95
6		6		6		6		6	4,729.22	6	4,397.44	6	4,046.96	6	3,683.65	6	3,319.92	6	2,956.20	6	2,592.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,722.50	1/4	4,390.33	1/4	4,039.46	1/4	3,676.07	1/4	3,312.34	1/4	2,948.62	1/4	2,584.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,715.77	1/2	4,383.21	1/2	4,031.95	1/2	3,668.49	1/2	3,304.77	1/2	2,941.04	1/2	2,577.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,709.05	3/4	4,376.10	3/4	4,024.45	3/4	3,660.91	3/4	3,297.19	3/4	2,933.46	3/4	2,569.63
7		7		7		7		7	4,702.29	7	4,368.95	7	4,016.91	7	3,653.34	7	3,289.61	7	2,925.89	7	2,562.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,695.53	1/4	4,361.80	1/4	4,009.37	1/4	3,645.76	1/4	3,282.03	1/4	2,918.31	1/4	2,554.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,688.77	1/2	4,354.65	1/2	4,001.84	1/2	3,638.18	1/2	3,274.46	1/2	2,910.73	1/2	2,546.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,682.01	3/4	4,347.51	3/4	3,994.30	3/4	3,630.60	3/4	3,266.88	3/4	2,903.15	3/4	2,539.30
8		8		8		8		8	4,675.22	8	4,340.33	8	3,986.73	8	3,623.03	8	3,259.30	8	2,895.58	8	2,531.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,668.43	1/4	4,333.15	1/4	3,979.16	1/4	3,615.45	1/4	3,251.72	1/4	2,888.00	1/4	2,524.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,661.64	1/2	4,325.97	1/2	3,971.59	1/2	3,607.87	1/2	3,244.15	1/2	2,880.42	1/2	2,516.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,654.85	3/4	4,318.79	3/4	3,964.02	3/4	3,600.29	3/4	3,236.57	3/4	2,872.84	3/4	2,508.98
9		9		9		9		9	4,648.03	9	4,311.57	9	3,956.44	9	3,592.72	9	3,228.99	9	2,865.27	9	2,501.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,641.21	1/4	4,304.36	1/4	3,948.86	1/4	3,585.14	1/4	3,221.41	1/4	2,857.69	1/4	2,493.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,634.38	1/2	4,297.15	1/2	3,941.29	1/2	3,577.56	1/2	3,213.84	1/2	2,850.12	1/2	2,486.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,627.56	3/4	4,289.94	3/4	3,933.71	3/4	3,569.98	3/4	3,206.26	3/4	2,842.54	3/4	2,478.66
10		10		10		10		10	4,620.71	10	4,282.69	10	3,926.13	10	3,562.41	10	3,198.68	10	2,834.96	10	2,471.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,613.85	1/4	4,275.45	1/4	3,918.55	1/4	3,554.83	1/4	3,191.10	1/4	2,827.38	1/4	2,463.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,607.00	1/2	4,268.20	1/2	3,910.97	1/2	3,547.25	1/2	3,183.53	1/2	2,819.80	1/2	2,455.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,600.14	3/4	4,260.96	3/4	3,903.40	3/4	3,539.67	3/4	3,175.95	3/4	2,812.22	3/4	2,448.33
11		11		11		11		11	4,593.25	11	4,253.68	11	3,895.82	11	3,532.09	11	3,168.37	11	2,804.64	11	2,440.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,586.37	1/4	4,246.40	1/4	3,888.24	1/4	3,524.52	1/4	3,160.79	1/4	2,797.06	1/4	2,433.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,579.48	1/2	4,239.13	1/2	3,880.66	1/2	3,516.94	1/2	3,153.21	1/2	2,789.47	1/2	2,425.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,572.59	3/4	4,231.85	3/4	3,873.09	3/4	3,509.36	3/4	3,145.64	3/4	2,781.89	3/4	2,418.01

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28722"

2 STBD 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	2,410.43	0	2,046.55	0	1,684.37	0	1,320.44	0	956.68	0	592.76	0	229.25	0		0		0	
1/4	2,402.85	1/4	2,038.97	1/4	1,676.79	1/4	1,312.85	1/4	949.10	1/4	585.18	1/4	221.93	1/4	1/4	1/4		1/4	
1/2	2,395.27	1/2	2,031.38	1/2	1,669.20	1/2	1,305.27	1/2	941.52	1/2	577.60	1/2	214.60	1/2	1/2	1/2		1/2	
3/4	2,387.69	3/4	2,023.80	3/4	1,661.62	3/4	1,297.69	3/4	933.94	3/4	570.01	3/4	207.27	3/4	3/4	3/4		3/4	
1	2,380.11	1	2,016.22	1	1,654.04	1	1,290.11	1	926.35	1	562.43	1	199.95	1		1		1	
1/4	2,372.53	1/4	2,008.64	1/4	1,646.46	1/4	1,282.53	1/4	918.77	1/4	554.85	1/4	192.62	1/4	1/4	1/4		1/4	
1/2	2,364.94	1/2	2,001.06	1/2	1,638.88	1/2	1,274.94	1/2	911.19	1/2	547.27	1/2	185.30	1/2	1/2	1/2		1/2	
3/4	2,357.36	3/4	1,993.48	3/4	1,631.29	3/4	1,267.36	3/4	903.61	3/4	539.69	3/4	177.97	3/4	3/4	3/4		3/4	
2	2,349.78	2	1,985.90	2	1,623.71	2	1,259.78	2	896.03	2	532.11	2	170.66	2		2		2	
1/4	2,342.20	1/4	1,978.32	1/4	1,616.13	1/4	1,252.20	1/4	888.45	1/4	524.52	1/4	163.34	1/4	1/4	1/4		1/4	
1/2	2,334.62	1/2	1,970.74	1/2	1,608.55	1/2	1,244.62	1/2	880.86	1/2	516.94	1/2	156.03	1/2	1/2	1/2		1/2	
3/4	2,327.04	3/4	1,963.16	3/4	1,600.97	3/4	1,237.04	3/4	873.28	3/4	509.36	3/4	148.71	3/4	3/4	3/4		3/4	
3	2,319.46	3	1,955.58	3	1,593.38	3	1,229.45	3	865.70	3	501.78	3	141.41	3		3		3	
1/4	2,311.88	1/4	1,947.99	1/4	1,585.80	1/4	1,221.87	1/4	858.12	1/4	494.20	1/4	134.11	1/4	1/4	1/4		1/4	
1/2	2,304.30	1/2	1,940.41	1/2	1,578.22	1/2	1,214.29	1/2	850.54	1/2	486.62	1/2	126.81	1/2	1/2	1/2		1/2	
3/4	2,296.72	3/4	1,932.83	3/4	1,570.64	3/4	1,206.71	3/4	842.96	3/4	479.03	3/4	119.51	3/4	3/4	3/4		3/4	
4	2,289.14	4	1,925.25	4	1,563.06	4	1,199.13	4	835.37	4	471.45	4	112.22	4		4		4	
1/4	2,281.55	1/4	1,917.67	1/4	1,555.48	1/4	1,191.55	1/4	827.79	1/4	463.87	1/4	104.93	1/4	1/4	1/4		1/4	
1/2	2,273.97	1/2	1,910.09	1/2	1,547.89	1/2	1,183.98	1/2	820.21	1/2	456.29	1/2	97.64	1/2	1/2	1/2		1/2	
3/4	2,266.39	3/4	1,902.51	3/4	1,540.31	3/4	1,176.40	3/4	812.63	3/4	448.71	3/4	90.36	3/4	3/4	3/4		3/4	
5	2,258.81	5	1,894.98	5	1,532.73	5	1,168.83	5	805.05	5	441.13	5	83.11	5		5		5	
1/4	2,251.23	1/4	1,887.45	1/4	1,525.15	1/4	1,161.25	1/4	797.47	1/4	433.54	1/4	75.86	1/4	1/4	1/4		1/4	
1/2	2,243.65	1/2	1,879.93	1/2	1,517.57	1/2	1,153.67	1/2	789.88	1/2	425.96	1/2	68.61	1/2	1/2	1/2		1/2	
3/4	2,236.07	3/4	1,872.40	3/4	1,509.98	3/4	1,146.10	3/4	782.30	3/4	418.38	3/4	61.36	3/4	3/4	3/4		3/4	
6	2,228.49	6	1,864.93	6	1,502.40	6	1,138.52	6	774.72	6	410.80	6	54.74	6		6		6	
1/4	2,220.91	1/4	1,857.45	1/4	1,494.82	1/4	1,130.94	1/4	767.14	1/4	403.22	1/4	48.11	1/4	1/4	1/4		1/4	
1/2	2,213.33	1/2	1,849.98	1/2	1,487.24	1/2	1,123.37	1/2	759.56	1/2	395.64	1/2	41.48	1/2	1/2	1/2		1/2	
3/4	2,205.75	3/4	1,842.51	3/4	1,479.66	3/4	1,115.79	3/4	751.98	3/4	388.05	3/4	34.85	3/4	3/4	3/4		3/4	
7	2,198.16	7	1,835.03	7	1,472.07	7	1,108.21	7	744.39	7	380.47	7	30.11	7		7		7	
1/4	2,190.58	1/4	1,827.56	1/4	1,464.49	1/4	1,100.64	1/4	736.81	1/4	372.89	1/4	25.37	1/4	1/4	1/4		1/4	
1/2	2,183.00	1/2	1,820.09	1/2	1,456.91	1/2	1,093.06	1/2	729.23	1/2	365.31	1/2	20.63	1/2	1/2	1/2		1/2	
3/4	2,175.42	3/4	1,812.61	3/4	1,449.33	3/4	1,085.49	3/4	721.65	3/4	357.73	3/4	15.89	3/4	3/4	3/4		3/4	
8	2,167.84	8	1,805.14	8	1,441.75	8	1,077.91	8	714.07	8	350.15	8		8		8		8	
1/4	2,160.26	1/4	1,797.66	1/4	1,434.16	1/4	1,070.33	1/4	706.49	1/4	342.56	1/4		1/4	1/4	1/4		1/4	
1/2	2,152.68	1/2	1,790.19	1/2	1,426.58	1/2	1,062.76	1/2	698.90	1/2	334.98	1/2		1/2	1/2	1/2		1/2	
3/4	2,145.10	3/4	1,782.72	3/4	1,419.00	3/4	1,055.18	3/4	691.32	3/4	327.40	3/4		3/4	3/4	3/4		3/4	
9	2,137.52	9	1,775.19	9	1,411.42	9	1,047.60	9	683.74	9	319.83	9		9		9		9	
1/4	2,129.94	1/4	1,767.66	1/4	1,403.84	1/4	1,040.03	1/4	676.16	1/4	312.26	1/4		1/4	1/4	1/4		1/4	
1/2	2,122.36	1/2	1,760.13	1/2	1,396.26	1/2	1,032.45	1/2	668.58	1/2	304.70	1/2		1/2	1/2	1/2		1/2	
3/4	2,114.77	3/4	1,752.60	3/4	1,388.67	3/4	1,024.87	3/4	660.99	3/4	297.13	3/4		3/4	3/4	3/4		3/4	
10	2,107.19	10	1,745.02	10	1,381.09	10	1,017.30	10	653.41	10	289.56	10		10		10		10	
1/4	2,099.61	1/4	1,737.44	1/4	1,373.51	1/4	1,009.72	1/4	645.83	1/4	281.99	1/4		1/4	1/4	1/4		1/4	
1/2	2,092.03	1/2	1,729.86	1/2	1,365.93	1/2	1,002.14	1/2	638.25	1/2	274.42	1/2		1/2	1/2	1/2		1/2	
3/4	2,084.45	3/4	1,722.28	3/4	1,358.35	3/4	994.57	3/4	630.67	3/4	266.86	3/4		3/4	3/4	3/4		3/4	
11	2,076.87	11	1,714.69	11	1,350.76	11	986.99	11	623.09	11	259.29	11		11		11		11	
1/4	2,069.29	1/4	1,707.11	1/4	1,343.18	1/4	979.42	1/4	615.50	1/4	251.72	1/4		1/4	1/4	1/4		1/4	
1/2	2,061.71	1/2	1,699.53	1/2	1,335.60	1/2	971.84	1/2	607.92	1/2	244.15	1/2		1/2	1/2	1/2		1/2	
3/4	2,054.13	3/4	1,691.95	3/4	1,328.02	3/4	964.26	3/4	600.34	3/4	236.58	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2007 CL - SW
CALCULATED: 01/24/2007 CL
PRINTED: 01/25/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2007

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



BARGE "KIRBY 28722"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,251.23	0	3,994.74	0	3,720.06	0	3,422.36	0	3,058.34	0	2,694.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,246.06	1/4	3,989.19	1/4	3,714.22	1/4	3,414.77	1/4	3,050.76	1/4	2,686.88		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,240.90	1/2	3,983.63	1/2	3,708.38	1/2	3,407.19	1/2	3,043.18	1/2	2,679.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,235.74	3/4	3,978.08	3/4	3,702.54	3/4	3,399.61	3/4	3,035.59	3/4	2,671.71		
1		1		1		1	4,463.37	1	4,230.57	1	3,972.52	1	3,696.70	1	3,392.02	1	3,028.01	1	2,664.13		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,460.06	1/4	4,225.37	1/4	3,966.94	1/4	3,690.86	1/4	3,384.44	1/4	3,020.43	1/4	2,656.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,456.75	1/2	4,220.18	1/2	3,961.35	1/2	3,685.03	1/2	3,376.86	1/2	3,012.84	1/2	2,648.97		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,453.44	3/4	4,214.98	3/4	3,955.76	3/4	3,679.19	3/4	3,369.27	3/4	3,005.26	3/4	2,641.39		
2		2		2		2	4,450.14	2	4,209.78	2	3,950.18	2	3,673.35	2	3,361.69	2	2,997.68	2	2,633.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,445.56	1/4	4,204.55	1/4	3,944.56	1/4	3,667.51	1/4	3,354.11	1/4	2,990.09	1/4	2,626.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,440.99	1/2	4,199.32	1/2	3,938.94	1/2	3,661.67	1/2	3,346.52	1/2	2,982.51	1/2	2,618.64		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,436.41	3/4	4,194.09	3/4	3,933.32	3/4	3,655.83	3/4	3,338.94	3/4	2,974.93	3/4	2,611.06		
3		3		3		3	4,431.84	3	4,188.86	3	3,927.70	3	3,650.00	3	3,331.35	3	2,967.34	3	2,603.47		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,426.81	1/4	4,183.60	1/4	3,922.05	1/4	3,644.16	1/4	3,323.77	1/4	2,959.76	1/4	2,595.88		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,421.78	1/2	4,178.34	1/2	3,916.40	1/2	3,638.32	1/2	3,316.19	1/2	2,952.17	1/2	2,588.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,416.75	3/4	4,173.07	3/4	3,910.74	3/4	3,632.48	3/4	3,308.60	3/4	2,944.59	3/4	2,580.70		
4		4		4		4	4,411.72	4	4,167.81	4	3,905.09	4	3,626.64	4	3,301.02	4	2,937.01	4	2,573.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,406.84	1/4	4,162.52	1/4	3,899.41	1/4	3,620.80	1/4	3,293.44	1/4	2,929.42	1/4	2,565.53		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,401.96	1/2	4,157.22	1/2	3,893.72	1/2	3,614.96	1/2	3,285.85	1/2	2,921.84	1/2	2,557.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,397.07	3/4	4,151.93	3/4	3,888.04	3/4	3,609.13	3/4	3,278.27	3/4	2,914.26	3/4	2,550.35		
5		5		5		5	4,392.19	5	4,146.63	5	3,882.35	5	3,603.29	5	3,270.69	5	2,906.67	5	2,542.76		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,387.26	1/4	4,141.30	1/4	3,876.64	1/4	3,597.45	1/4	3,263.10	1/4	2,899.09	1/4	2,535.17		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,382.33	1/2	4,135.98	1/2	3,870.92	1/2	3,591.61	1/2	3,255.52	1/2	2,891.51	1/2	2,527.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,377.39	3/4	4,130.65	3/4	3,865.20	3/4	3,585.77	3/4	3,247.93	3/4	2,883.92	3/4	2,519.99		
6		6		6		6	4,372.46	6	4,125.32	6	3,859.49	6	3,579.93	6	3,240.35	6	2,876.34	6	2,512.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,367.49	1/4	4,119.96	1/4	3,853.74	1/4	3,574.09	1/4	3,232.77	1/4	2,868.76	1/4	2,504.81		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,362.52	1/2	4,114.60	1/2	3,847.99	1/2	3,568.26	1/2	3,225.18	1/2	2,861.18	1/2	2,497.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,357.55	3/4	4,109.24	3/4	3,842.24	3/4	3,562.42	3/4	3,217.60	3/4	2,853.60	3/4	2,489.63		
7		7		7		7	4,352.58	7	4,103.88	7	3,836.49	7	3,556.58	7	3,210.02	7	2,846.02	7	2,482.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,347.58	1/4	4,098.49	1/4	3,830.71	1/4	3,550.74	1/4	3,202.43	1/4	2,838.44	1/4	2,474.46		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,342.58	1/2	4,093.10	1/2	3,824.93	1/2	3,544.90	1/2	3,194.85	1/2	2,830.86	1/2	2,466.87		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,337.57	3/4	4,087.71	3/4	3,819.14	3/4	3,539.06	3/4	3,187.27	3/4	2,823.29	3/4	2,459.28		
8		8		8		8	4,332.57	8	4,082.32	8	3,813.36	8	3,533.23	8	3,179.68	8	2,815.71	8	2,451.69		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,327.54	1/4	4,076.89	1/4	3,807.55	1/4	3,527.39	1/4	3,172.10	1/4	2,808.13	1/4	2,444.10		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,322.50	1/2	4,071.47	1/2	3,801.73	1/2	3,521.55	1/2	3,164.52	1/2	2,800.56	1/2	2,436.51		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,317.47	3/4	4,066.04	3/4	3,795.92	3/4	3,515.71	3/4	3,156.93	3/4	2,792.98	3/4	2,428.92		
9		9		9		9	4,312.43	9	4,060.62	9	3,790.11	9	3,509.87	9	3,149.35	9	2,785.40	9	2,421.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,307.36	1/4	4,055.16	1/4	3,784.27	1/4	3,503.16	1/4	3,141.76	1/4	2,777.83	1/4	2,413.74		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,302.30	1/2	4,049.70	1/2	3,778.44	1/2	3,496.45	1/2	3,134.18	1/2	2,770.25	1/2	2,406.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,297.23	3/4	4,044.25	3/4	3,772.60	3/4	3,489.74	3/4	3,126.60	3/4	2,762.67	3/4	2,398.56		
10		10		10		10	4,292.16	10	4,038.79	10	3,766.77	10	3,483.03	10	3,119.01	10	2,755.10	10	2,390.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,287.06	1/4	4,033.30	1/4	3,760.93	1/4	3,475.44	1/4	3,111.43	1/4	2,747.52	1/4	2,383.38		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,281.96	1/2	4,027.81	1/2	3,755.09	1/2	3,467.86	1/2	3,103.85	1/2	2,739.94	1/2	2,375.80		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,276.86	3/4	4,022.32	3/4	3,749.25	3/4	3,460.28	3/4	3,096.26	3/4	2,732.36	3/4	2,368.21		
11		11		11		11	4,271.76	11	4,016.83	11	3,743.41	11	3,452.69	11	3,088.68	11	2,724.78	11	2,360.62		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,266.63	1/4	4,011.31	1/4	3,737.57	1/4	3,445.11	1/4	3,081.10	1/4	2,717.20	1/4	2,353.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,261.50	1/2	4,005.79	1/2	3,731.73	1/2	3,437.52	1/2	3,073.51	1/2	2,709.62	1/2	2,345.44		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,256.36	3/4	4,000.26	3/4	3,725.90	3/4	3,429.94	3/4	3,065.93	3/4	2,702.04	3/4	2,337.85		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28722"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-06"

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	2,330.26	0	1,966.84	0	1,603.37	0	1,239.25	0	884.37	0	525.44	0	161.15	0		0		0	
1/4	2,322.67	1/4	1,959.28	1/4	1,595.78	1/4	1,231.66	1/4	877.10	1/4	517.87	1/4	154.00	1/4	1/4	1/4		1/4	1/4
1/2	2,315.08	1/2	1,951.72	1/2	1,588.20	1/2	1,224.08	1/2	869.82	1/2	510.30	1/2	146.85	1/2	1/2	1/2		1/2	1/2
3/4	2,307.49	3/4	1,944.17	3/4	1,580.61	3/4	1,216.49	3/4	862.54	3/4	502.72	3/4	139.70	3/4	3/4	3/4		3/4	3/4
1	2,299.90	1	1,936.61	1	1,573.03	1	1,208.91	1	855.26	1	495.15	1	132.54	1		1		1	
1/4	2,292.31	1/4	1,929.06	1/4	1,565.44	1/4	1,201.32	1/4	847.98	1/4	487.58	1/4	126.46	1/4	1/4	1/4		1/4	1/4
1/2	2,284.73	1/2	1,921.50	1/2	1,557.85	1/2	1,193.74	1/2	840.70	1/2	480.01	1/2	120.38	1/2	1/2	1/2		1/2	1/2
3/4	2,277.14	3/4	1,913.94	3/4	1,550.27	3/4	1,186.15	3/4	833.42	3/4	472.43	3/4	114.30	3/4	3/4	3/4		3/4	3/4
2	2,269.55	2	1,906.39	2	1,542.68	2	1,178.56	2	826.14	2	464.86	2	108.22	2		2		2	
1/4	2,261.96	1/4	1,898.83	1/4	1,535.10	1/4	1,170.98	1/4	818.85	1/4	457.29	1/4	103.42	1/4	1/4	1/4		1/4	1/4
1/2	2,254.37	1/2	1,891.27	1/2	1,527.51	1/2	1,163.39	1/2	811.56	1/2	449.72	1/2	98.61	1/2	1/2	1/2		1/2	1/2
3/4	2,246.78	3/4	1,883.72	3/4	1,519.92	3/4	1,155.81	3/4	804.28	3/4	442.14	3/4	93.81	3/4	3/4	3/4		3/4	3/4
3	2,239.19	3	1,876.16	3	1,512.34	3	1,148.22	3	796.99	3	434.57	3	89.00	3		3		3	
1/4	2,231.60	1/4	1,868.61	1/4	1,504.75	1/4	1,140.63	1/4	789.69	1/4	426.99	1/4	85.48	1/4	1/4	1/4		1/4	1/4
1/2	2,224.01	1/2	1,861.05	1/2	1,497.17	1/2	1,133.05	1/2	782.38	1/2	419.41	1/2	81.95	1/2	1/2	1/2		1/2	1/2
3/4	2,216.42	3/4	1,853.49	3/4	1,489.58	3/4	1,125.46	3/4	775.08	3/4	411.82	3/4	78.43	3/4	3/4	3/4		3/4	3/4
4	2,208.83	4	1,845.94	4	1,482.00	4	1,117.88	4	767.77	4	404.24	4	74.90	4		4		4	
1/4	2,201.24	1/4	1,838.38	1/4	1,474.41	1/4	1,110.44	1/4	760.32	1/4	396.65	1/4	72.66	1/4	1/4	1/4		1/4	1/4
1/2	2,193.65	1/2	1,830.82	1/2	1,466.82	1/2	1,103.00	1/2	752.87	1/2	389.06	1/2	70.42	1/2	1/2	1/2		1/2	1/2
3/4	2,186.07	3/4	1,823.27	3/4	1,459.24	3/4	1,095.56	3/4	745.42	3/4	381.47	3/4	68.17	3/4	3/4	3/4		3/4	3/4
5	2,178.48	5	1,815.71	5	1,451.65	5	1,088.12	5	737.96	5	373.88	5	65.93	5		5		5	
1/4	2,170.90	1/4	1,808.14	1/4	1,444.07	1/4	1,080.84	1/4	730.37	1/4	366.28	1/4	64.98	1/4	1/4	1/4		1/4	1/4
1/2	2,163.33	1/2	1,800.57	1/2	1,436.48	1/2	1,073.55	1/2	722.78	1/2	358.68	1/2	64.03	1/2	1/2	1/2		1/2	1/2
3/4	2,155.76	3/4	1,793.00	3/4	1,428.90	3/4	1,066.27	3/4	715.19	3/4	351.08	3/4	63.08	3/4	3/4	3/4		3/4	3/4
6	2,148.19	6	1,785.43	6	1,421.31	6	1,058.98	6	707.60	6	343.49	6	62.13	6		6		6	
1/4	2,140.63	1/4	1,777.84	1/4	1,413.72	1/4	1,051.71	1/4	700.01	1/4	335.88	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,133.07	1/2	1,770.26	1/2	1,406.14	1/2	1,044.43	1/2	692.42	1/2	328.28	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,125.52	3/4	1,762.67	3/4	1,398.55	3/4	1,037.16	3/4	684.82	3/4	320.68	3/4		3/4	3/4	3/4		3/4	3/4
7	2,117.96	7	1,755.08	7	1,390.97	7	1,029.88	7	677.23	7	313.08	7	7	7		7		7	
1/4	2,110.40	1/4	1,747.50	1/4	1,383.38	1/4	1,022.61	1/4	669.64	1/4	305.47	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,102.85	1/2	1,739.91	1/2	1,375.79	1/2	1,015.33	1/2	662.05	1/2	297.87	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,095.29	3/4	1,732.33	3/4	1,368.21	3/4	1,008.06	3/4	654.46	3/4	290.27	3/4		3/4	3/4	3/4		3/4	3/4
8	2,087.74	8	1,724.74	8	1,360.62	8	1,000.78	8	646.87	8	282.66	8	8	8		8		8	
1/4	2,080.18	1/4	1,717.16	1/4	1,353.04	1/4	993.51	1/4	639.28	1/4	275.06	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,072.62	1/2	1,709.57	1/2	1,345.45	1/2	986.23	1/2	631.68	1/2	267.46	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,065.07	3/4	1,701.98	3/4	1,337.87	3/4	978.95	3/4	624.09	3/4	259.86	3/4		3/4	3/4	3/4		3/4	3/4
9	2,057.51	9	1,694.40	9	1,330.28	9	971.68	9	616.50	9	252.25	9	9	9		9		9	
1/4	2,049.95	1/4	1,686.81	1/4	1,322.69	1/4	964.40	1/4	608.91	1/4	244.66	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,042.40	1/2	1,679.23	1/2	1,315.11	1/2	957.13	1/2	601.32	1/2	237.06	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,034.84	3/4	1,671.64	3/4	1,307.52	3/4	949.85	3/4	593.73	3/4	229.46	3/4		3/4	3/4	3/4		3/4	3/4
10	2,027.29	10	1,664.06	10	1,299.94	10	942.58	10	586.14	10	221.87	10	10	10		10		10	
1/4	2,019.73	1/4	1,656.47	1/4	1,292.35	1/4	935.30	1/4	578.55	1/4	214.28	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,012.17	1/2	1,648.88	1/2	1,284.77	1/2	928.03	1/2	570.95	1/2	206.69	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,004.62	3/4	1,641.30	3/4	1,277.18	3/4	920.75	3/4	563.36	3/4	199.10	3/4		3/4	3/4	3/4		3/4	3/4
11	1,997.06	11	1,633.71	11	1,269.59	11	913.48	11	555.77	11	191.51	11	11	11		11		11	
1/4	1,989.50	1/4	1,626.13	1/4	1,262.01	1/4	906.20	1/4	548.19	1/4	183.92	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,981.95	1/2	1,618.54	1/2	1,254.42	1/2	898.93	1/2	540.61	1/2	176.33	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,974.39	3/4	1,610.95	3/4	1,246.84	3/4	891.65	3/4	533.03	3/4	168.74	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2007 CL - SW
CALCULATED: 01/24/2007 CL
PRINTED: 01/25/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2007

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



BARGE "KIRBY 28722"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,276.14	0	4,020.27	0	3,746.13	0	3,450.25	0	3,085.73	0	2,721.18		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,271.01	1/4	4,014.75	1/4	3,740.29	1/4	3,442.66	1/4	3,078.13	1/4	2,713.58		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,265.85	1/2	4,009.20	1/2	3,734.46	1/2	3,435.06	1/2	3,070.54	1/2	2,705.99		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,260.69	3/4	4,003.65	3/4	3,728.62	3/4	3,427.47	3/4	3,062.94	3/4	2,698.39		
1		1		1		1		1	4,255.53	1	3,998.10	1	3,722.79	1	3,419.88	1	3,055.35	1	2,690.79		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,482.96	1/4	4,250.37	1/4	3,992.55	1/4	3,716.96	1/4	3,412.28	1/4	3,047.76	1/4	2,683.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,479.65	1/2	4,245.18	1/2	3,986.97	1/2	3,711.12	1/2	3,404.69	1/2	3,040.16	1/2	2,675.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,476.35	3/4	4,239.99	3/4	3,981.39	3/4	3,705.29	3/4	3,397.09	3/4	3,032.57	3/4	2,667.99
2		2		2		2		2	4,473.04	2	4,234.79	2	3,975.80	2	3,699.46	2	3,389.50	2	3,024.97	2	2,660.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,469.74	1/4	4,229.60	1/4	3,970.22	1/4	3,693.62	1/4	3,381.90	1/4	3,017.38	1/4	2,652.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,465.17	1/2	4,224.38	1/2	3,964.61	1/2	3,687.79	1/2	3,374.31	1/2	3,009.78	1/2	2,645.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,460.60	3/4	4,219.15	3/4	3,958.99	3/4	3,681.95	3/4	3,366.72	3/4	3,002.19	3/4	2,637.60
3		3		3		3		3	4,456.03	3	4,213.93	3	3,953.38	3	3,676.12	3	3,359.12	3	2,994.59	3	2,630.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,451.46	1/4	4,208.70	1/4	3,947.76	1/4	3,670.29	1/4	3,351.53	1/4	2,987.00	1/4	2,622.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,446.43	1/2	4,203.44	1/2	3,942.12	1/2	3,664.45	1/2	3,343.93	1/2	2,979.41	1/2	2,614.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,441.41	3/4	4,198.19	3/4	3,936.47	3/4	3,658.62	3/4	3,336.34	3/4	2,971.81	3/4	2,607.21
4		4		4		4		4	4,436.38	4	4,192.93	4	3,930.82	4	3,652.78	4	3,328.74	4	2,964.22	4	2,599.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,431.36	1/4	4,187.67	1/4	3,925.17	1/4	3,646.95	1/4	3,321.15	1/4	2,956.62	1/4	2,592.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,426.48	1/2	4,182.38	1/2	3,919.49	1/2	3,641.12	1/2	3,313.56	1/2	2,949.03	1/2	2,584.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,421.60	3/4	4,177.09	3/4	3,913.81	3/4	3,635.28	3/4	3,305.96	3/4	2,941.43	3/4	2,576.81
5		5		5		5		5	4,416.72	5	4,171.80	5	3,908.13	5	3,629.45	5	3,298.37	5	2,933.84	5	2,569.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,411.85	1/4	4,166.51	1/4	3,902.46	1/4	3,623.61	1/4	3,290.77	1/4	2,926.25	1/4	2,561.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,406.92	1/2	4,161.19	1/2	3,896.74	1/2	3,617.78	1/2	3,283.18	1/2	2,918.65	1/2	2,554.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,401.99	3/4	4,155.86	3/4	3,891.03	3/4	3,611.95	3/4	3,275.58	3/4	2,911.06	3/4	2,546.42
6		6		6		6		6	4,397.06	6	4,150.54	6	3,885.32	6	3,606.11	6	3,267.99	6	2,903.46	6	2,538.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,392.14	1/4	4,145.22	1/4	3,879.61	1/4	3,600.28	1/4	3,260.40	1/4	2,895.87	1/4	2,531.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,387.17	1/2	4,139.86	1/2	3,873.86	1/2	3,594.44	1/2	3,252.80	1/2	2,888.27	1/2	2,523.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,382.20	3/4	4,134.51	3/4	3,868.12	3/4	3,588.61	3/4	3,245.21	3/4	2,880.68	3/4	2,516.03
7		7		7		7		7	4,377.24	7	4,129.15	7	3,862.37	7	3,582.78	7	3,237.61	7	2,873.09	7	2,508.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,372.27	1/4	4,123.80	1/4	3,856.63	1/4	3,576.94	1/4	3,230.02	1/4	2,865.49	1/4	2,500.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,367.28	1/2	4,118.41	1/2	3,850.85	1/2	3,571.11	1/2	3,222.42	1/2	2,857.90	1/2	2,493.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,362.28	3/4	4,113.02	3/4	3,845.07	3/4	3,565.28	3/4	3,214.83	3/4	2,850.30	3/4	2,485.63
8		8		8		8		8	4,357.28	8	4,107.64	8	3,839.30	8	3,559.44	8	3,207.24	8	2,842.71	8	2,478.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,352.28	1/4	4,102.25	1/4	3,833.52	1/4	3,553.61	1/4	3,199.64	1/4	2,835.11	1/4	2,470.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,347.25	1/2	4,096.83	1/2	3,827.71	1/2	3,547.77	1/2	3,192.05	1/2	2,827.52	1/2	2,462.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,342.22	3/4	4,091.41	3/4	3,821.90	3/4	3,541.94	3/4	3,184.45	3/4	2,819.93	3/4	2,455.24
9		9		9		9		9	4,337.19	9	4,085.99	9	3,816.09	9	3,536.11	9	3,176.86	9	2,812.33	9	2,447.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,332.16	1/4	4,080.57	1/4	3,810.28	1/4	3,530.27	1/4	3,169.26	1/4	2,804.74	1/4	2,440.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,327.10	1/2	4,075.12	1/2	3,804.45	1/2	3,523.56	1/2	3,161.67	1/2	2,797.14	1/2	2,432.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,322.03	3/4	4,069.66	3/4	3,798.62	3/4	3,516.84	3/4	3,154.08	3/4	2,789.55	3/4	2,424.85
10		10		10		10		10	4,316.97	10	4,064.21	10	3,792.79	10	3,510.13	10	3,146.48	10	2,781.95	10	2,417.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,311.91	1/4	4,058.76	1/4	3,786.96	1/4	3,503.41	1/4	3,138.89	1/4	2,774.36	1/4	2,409.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,306.81	1/2	4,053.27	1/2	3,781.13	1/2	3,495.82	1/2	3,131.29	1/2	2,766.76	1/2	2,402.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,301.72	3/4	4,047.79	3/4	3,775.30	3/4	3,488.22	3/4	3,123.70	3/4	2,759.17	3/4	2,394.45
11		11		11		11		11	4,296.62	11	4,042.30	11	3,769.46	11	3,480.63	11	3,116.10	11	2,751.57	11	2,386.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,291.53	1/4	4,036.82	1/4	3,763.63	1/4	3,473.04	1/4	3,108.51	1/4	2,743.98	1/4	2,379.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,286.40	1/2	4,031.30	1/2	3,757.79	1/2	3,465.44	1/2	3,100.92	1/2	2,736.38	1/2	2,371.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,281.27	3/4	4,025.78	3/4	3,751.96	3/4	3,457.85	3/4	3,093.32	3/4	2,728.78	3/4	2,364.06

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28722"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-06 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	2,356.46	0	1,991.74	0	1,627.32	0	1,262.56	0	897.96	0	533.23	0	168.61	0		0		0	
1/4	2,348.86	1/4	1,984.14	1/4	1,619.72	1/4	1,254.97	1/4	890.37	1/4	525.63	1/4	161.02	1/4		1/4		1/4	
1/2	2,341.26	1/2	1,976.54	1/2	1,612.12	1/2	1,247.37	1/2	882.77	1/2	518.03	1/2	153.87	1/2		1/2		1/2	
3/4	2,333.66	3/4	1,968.94	3/4	1,604.52	3/4	1,239.77	3/4	875.18	3/4	510.44	3/4	146.72	3/4		3/4		3/4	
1	2,326.07	1	1,961.34	1	1,596.92	1	1,232.17	1	867.58	1	502.84	1	139.58	1		1		1	
1/4	2,318.47	1/4	1,953.74	1/4	1,589.33	1/4	1,224.57	1/4	859.98	1/4	495.24	1/4	132.43	1/4		1/4		1/4	
1/2	2,310.87	1/2	1,946.15	1/2	1,581.73	1/2	1,216.97	1/2	852.39	1/2	487.64	1/2	126.35	1/2		1/2		1/2	
3/4	2,303.27	3/4	1,938.55	3/4	1,574.13	3/4	1,209.37	3/4	844.79	3/4	480.04	3/4	120.28	3/4		3/4		3/4	
2	2,295.67	2	1,930.95	2	1,566.53	2	1,201.77	2	837.19	2	472.44	2	114.20	2		2		2	
1/4	2,288.07	1/4	1,923.35	1/4	1,558.93	1/4	1,194.17	1/4	829.59	1/4	464.84	1/4	108.12	1/4		1/4		1/4	
1/2	2,280.48	1/2	1,915.75	1/2	1,551.33	1/2	1,186.57	1/2	821.99	1/2	457.24	1/2	103.32	1/2		1/2		1/2	
3/4	2,272.88	3/4	1,908.15	3/4	1,543.73	3/4	1,178.97	3/4	814.39	3/4	449.64	3/4	98.52	3/4		3/4		3/4	
3	2,265.28	3	1,900.56	3	1,536.13	3	1,171.38	3	806.79	3	442.05	3	93.72	3		3		3	
1/4	2,257.68	1/4	1,892.96	1/4	1,528.53	1/4	1,163.78	1/4	799.19	1/4	434.45	1/4	88.92	1/4		1/4		1/4	
1/2	2,250.08	1/2	1,885.36	1/2	1,520.93	1/2	1,156.18	1/2	791.59	1/2	426.85	1/2	85.40	1/2		1/2		1/2	
3/4	2,242.48	3/4	1,877.76	3/4	1,513.33	3/4	1,148.58	3/4	784.00	3/4	419.25	3/4	81.88	3/4		3/4		3/4	
4	2,234.89	4	1,870.16	4	1,505.74	4	1,140.98	4	776.40	4	411.65	4	78.36	4		4		4	
1/4	2,227.29	1/4	1,862.56	1/4	1,498.14	1/4	1,133.38	1/4	768.80	1/4	404.05	1/4	74.84	1/4		1/4		1/4	
1/2	2,219.69	1/2	1,854.97	1/2	1,490.54	1/2	1,125.78	1/2	761.20	1/2	396.45	1/2	72.59	1/2		1/2		1/2	
3/4	2,212.09	3/4	1,847.37	3/4	1,482.94	3/4	1,118.19	3/4	753.60	3/4	388.85	3/4	70.35	3/4		3/4		3/4	
5	2,204.49	5	1,839.77	5	1,475.34	5	1,110.59	5	746.00	5	381.25	5	68.11	5		5		5	
1/4	2,196.89	1/4	1,832.17	1/4	1,467.74	1/4	1,102.99	1/4	738.40	1/4	373.66	1/4	65.87	1/4		1/4		1/4	
1/2	2,189.29	1/2	1,824.58	1/2	1,460.14	1/2	1,095.40	1/2	730.80	1/2	366.06	1/2	64.93	1/2		1/2		1/2	
3/4	2,181.70	3/4	1,816.98	3/4	1,452.54	3/4	1,087.81	3/4	723.20	3/4	358.46	3/4	63.98	3/4		3/4		3/4	
6	2,174.10	6	1,809.39	6	1,444.94	6	1,080.21	6	715.61	6	350.86	6	63.03	6		6		6	
1/4	2,166.50	1/4	1,801.80	1/4	1,437.34	1/4	1,072.62	1/4	708.01	1/4	343.26	1/4	62.09	1/4		1/4		1/4	
1/2	2,158.90	1/2	1,794.21	1/2	1,429.74	1/2	1,065.02	1/2	700.41	1/2	335.66	1/2		1/2		1/2		1/2	
3/4	2,151.30	3/4	1,786.63	3/4	1,422.15	3/4	1,057.43	3/4	692.81	3/4	328.06	3/4		3/4		3/4		3/4	
7	2,143.70	7	1,779.05	7	1,414.55	7	1,049.84	7	685.21	7	320.46	7		7		7		7	
1/4	2,136.11	1/4	1,771.46	1/4	1,406.95	1/4	1,042.24	1/4	677.61	1/4	312.86	1/4		1/4		1/4		1/4	
1/2	2,128.51	1/2	1,763.88	1/2	1,399.35	1/2	1,034.65	1/2	670.01	1/2	305.26	1/2		1/2		1/2		1/2	
3/4	2,120.91	3/4	1,756.30	3/4	1,391.75	3/4	1,027.06	3/4	662.41	3/4	297.67	3/4		3/4		3/4		3/4	
8	2,113.31	8	1,748.73	8	1,384.15	8	1,019.46	8	654.81	8	290.07	8		8		8		8	
1/4	2,105.71	1/4	1,741.15	1/4	1,376.55	1/4	1,011.87	1/4	647.22	1/4	282.47	1/4		1/4		1/4		1/4	
1/2	2,098.11	1/2	1,733.57	1/2	1,368.95	1/2	1,004.28	1/2	639.62	1/2	274.87	1/2		1/2		1/2		1/2	
3/4	2,090.52	3/4	1,725.99	3/4	1,361.35	3/4	996.68	3/4	632.02	3/4	267.27	3/4		3/4		3/4		3/4	
9	2,082.92	9	1,718.41	9	1,353.75	9	989.09	9	624.42	9	259.67	9		9		9		9	
1/4	2,075.32	1/4	1,710.83	1/4	1,346.15	1/4	981.49	1/4	616.82	1/4	252.07	1/4		1/4		1/4		1/4	
1/2	2,067.72	1/2	1,703.25	1/2	1,338.56	1/2	973.90	1/2	609.22	1/2	244.48	1/2		1/2		1/2		1/2	
3/4	2,060.12	3/4	1,695.66	3/4	1,330.96	3/4	966.31	3/4	601.62	3/4	236.89	3/4		3/4		3/4		3/4	
10	2,052.52	10	1,688.08	10	1,323.36	10	958.71	10	594.02	10	229.30	10		10		10		10	
1/4	2,044.93	1/4	1,680.50	1/4	1,315.76	1/4	951.12	1/4	586.42	1/4	221.70	1/4		1/4		1/4		1/4	
1/2	2,037.33	1/2	1,672.90	1/2	1,308.16	1/2	943.53	1/2	578.83	1/2	214.12	1/2		1/2		1/2		1/2	
3/4	2,029.73	3/4	1,665.31	3/4	1,300.56	3/4	935.93	3/4	571.23	3/4	206.53	3/4		3/4		3/4		3/4	
11	2,022.13	11	1,657.71	11	1,292.96	11	928.34	11	563.63	11	198.95	11		11		11		11	
1/4	2,014.53	1/4	1,650.12	1/4	1,285.36	1/4	920.74	1/4	556.03	1/4	191.36	1/4		1/4		1/4		1/4	
1/2	2,006.93	1/2	1,642.52	1/2	1,277.76	1/2	913.15	1/2	548.43	1/2	183.78	1/2		1/2		1/2		1/2	
3/4	1,999.33	3/4	1,634.92	3/4	1,270.16	3/4	905.56	3/4	540.83	3/4	176.19	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2007 CL - SW
CALCULATED: 01/24/2007 CL
PRINTED: 01/25/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2007

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



BARGE "KIRBY 28722"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	101	0	259	0	416	0	517	0		0		0		0		0	
1/4	1	1/4	104	1/4	262	1/4	419	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	107	1/2	265	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	110	3/4	269	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	113	1	272	1	428	1	1	1	1	1	1	1	1	1	1	1	1
1/4	4	1/4	116	1/4	276	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	119	1/2	279	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	122	3/4	282	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	125	2	286	2	439	2	2	2	2	2	2	2	2	2	2	2	2
1/4	9	1/4	129	1/4	289	1/4	442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	132	1/2	293	1/2	444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	135	3/4	296	3/4	447	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	138	3	300	3	450	3	3	3	3	3	3	3	3	3	3	3	3
1/4	15	1/4	141	1/4	303	1/4	453	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	144	1/2	306	1/2	455	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	148	3/4	310	3/4	458	3/4		3/4		3/4		3/4		3/4		3/4	
4	21	4	151	4	313	4	460	4	4	4	4	4	4	4	4	4	4	4	4
1/4	23	1/4	154	1/4	316	1/4	463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25	1/2	157	1/2	320	1/2	465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	161	3/4	323	3/4	468	3/4		3/4		3/4		3/4		3/4		3/4	
5	29	5	164	5	327	5	470	5	5	5	5	5	5	5	5	5	5	5	5
1/4	31	1/4	167	1/4	330	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	170	1/2	333	1/2	475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	174	3/4	337	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	177	6	340	6	480	6	6	6	6	6	6	6	6	6	6	6	6
1/4	40	1/4	180	1/4	343	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	184	1/2	347	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	187	3/4	350	3/4	486	3/4		3/4		3/4		3/4		3/4		3/4	
7	47	7	190	7	353	7	488	7	7	7	7	7	7	7	7	7	7	7	7
1/4	49	1/4	194	1/4	356	1/4	490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	197	1/2	360	1/2	492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	201	3/4	363	3/4	494	3/4		3/4		3/4		3/4		3/4		3/4	
8	57	8	204	8	366	8	496	8	8	8	8	8	8	8	8	8	8	8	8
1/4	59	1/4	207	1/4	369	1/4	498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	211	1/2	373	1/2	500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	214	3/4	376	3/4	502	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	217	9	379	9	504	9	9	9	9	9	9	9	9	9	9	9	9
1/4	70	1/4	221	1/4	382	1/4	505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	224	1/2	385	1/2	507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	228	3/4	388	3/4	508	3/4		3/4		3/4		3/4		3/4		3/4	
10	78	10	231	10	392	10	510	10	10	10	10	10	10	10	10	10	10	10	10
1/4	81	1/4	235	1/4	395	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84	1/2	238	1/2	398	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87	3/4	241	3/4	401	3/4	513	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	245	11	404	11	514	11	11	11	11	11	11	11	11	11	11	11	11
1/4	92	1/4	248	1/4	407	1/4	515	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	252	1/2	410	1/2	516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	255	3/4	413	3/4	516	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

STRAPPED: 04/26/2022 JS
CALCULATED: 04/27/2022 CL
PRINTED: 04/27/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2022

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 28722"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	1,128	0	2,257	0		0		0		0		0		0		0	
1/4	24	1/4	1,152	1/4	2,280	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	47	1/2	1,175	1/2	2,304	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	71	3/4	1,199	3/4	2,327	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	94	1	1,222	1	2,351	1		1		1		1		1		1		1	
1/4	118	1/4	1,246	1/4	2,374	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141	1/2	1,269	1/2	2,398	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165	3/4	1,293	3/4	2,421	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	188	2	1,316	2	2,445	2		2		2		2		2		2		2	
1/4	212	1/4	1,340	1/4	2,468	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	235	1/2	1,363	1/2	2,492	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	259	3/4	1,387	3/4	2,515	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	282	3	1,410	3	2,539	3		3		3		3		3		3		3	
1/4	306	1/4	1,434	1/4	2,562	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	329	1/2	1,457	1/2	2,586	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	353	3/4	1,481	3/4	2,609	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	376	4	1,504	4	2,633	4		4		4		4		4		4		4	
1/4	400	1/4	1,528	1/4	2,656	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	423	1/2	1,551	1/2	2,680	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	447	3/4	1,575	3/4	2,703	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	470	5	1,598	5	2,727	5		5		5		5		5		5		5	
1/4	494	1/4	1,622	1/4	2,750	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	517	1/2	1,645	1/2	2,774	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	541	3/4	1,669	3/4	2,797	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	564	6	1,692	6	2,821	6		6		6		6		6		6		6	
1/4	588	1/4	1,716	1/4	2,844	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	611	1/2	1,739	1/2	2,868	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	635	3/4	1,763	3/4	2,891	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	658	7	1,786	7	2,915	7		7		7		7		7		7		7	
1/4	682	1/4	1,810	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	705	1/2	1,834	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	729	3/4	1,857	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	752	8	1,881	8		8		8		8		8		8		8		8	
1/4	776	1/4	1,904	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	799	1/2	1,928	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	823	3/4	1,951	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	846	9	1,975	9		9		9		9		9		9		9		9	
1/4	870	1/4	1,998	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	893	1/2	2,022	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	917	3/4	2,045	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	940	10	2,069	10		10		10		10		10		10		10		10	
1/4	964	1/4	2,092	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	987	1/2	2,116	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,011	3/4	2,139	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	1,034	11	2,163	11		11		11		11		11		11		11		11	
1/4	1,058	1/4	2,186	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,081	1/2	2,210	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,105	3/4	2,233	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

STRAPPED: 04/26/2022 JS
CALCULATED: 04/27/2022 CL
PRINTED: 04/27/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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