



# BARGE "KIRBY 28725"

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

(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 30, 2008

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

<http://www.pmacorp.net>





# BARGE "KIRBY 28725"

## 1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 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	2,352.86	0	1,986.74	0	1,620.63	0	1,254.51	0	889.23	0	523.21	0	174.20	0		0		0	
1/4	2,345.23	1/4	1,979.12	1/4	1,613.00	1/4	1,246.89	1/4	881.62	1/4	515.58	1/4	167.69	1/4		1/4		1/4	
1/2	2,337.60	1/2	1,971.49	1/2	1,605.37	1/2	1,239.26	1/2	874.01	1/2	507.96	1/2	161.17	1/2		1/2		1/2	
3/4	2,329.98	3/4	1,963.86	3/4	1,597.75	3/4	1,231.63	3/4	866.39	3/4	500.33	3/4	154.76	3/4		3/4		3/4	
1	2,322.35	1	1,956.23	1	1,590.12	1	1,224.00	1	858.78	1	492.70	1	148.34	1		1		1	
1/4	2,314.72	1/4	1,948.61	1/4	1,582.49	1/4	1,216.38	1/4	851.17	1/4	485.07	1/4	141.92	1/4		1/4		1/4	
1/2	2,307.10	1/2	1,940.98	1/2	1,574.86	1/2	1,208.75	1/2	843.55	1/2	477.45	1/2	135.51	1/2		1/2		1/2	
3/4	2,299.47	3/4	1,933.35	3/4	1,567.24	3/4	1,201.12	3/4	835.93	3/4	469.82	3/4	129.19	3/4		3/4		3/4	
2	2,291.84	2	1,925.73	2	1,559.61	2	1,193.49	2	828.30	2	462.19	2	122.87	2		2		2	
1/4	2,284.21	1/4	1,918.10	1/4	1,551.98	1/4	1,185.87	1/4	820.67	1/4	454.57	1/4	116.56	1/4		1/4		1/4	
1/2	2,276.59	1/2	1,910.47	1/2	1,544.36	1/2	1,178.24	1/2	813.04	1/2	446.94	1/2	110.24	1/2		1/2		1/2	
3/4	2,268.96	3/4	1,902.84	3/4	1,536.73	3/4	1,170.61	3/4	805.42	3/4	439.36	3/4	104.03	3/4		3/4		3/4	
3	2,261.33	3	1,895.22	3	1,529.10	3	1,162.99	3	797.79	3	431.77	3	97.82	3		3		3	
1/4	2,253.70	1/4	1,887.59	1/4	1,521.47	1/4	1,155.36	1/4	790.16	1/4	424.19	1/4	91.61	1/4		1/4		1/4	
1/2	2,246.08	1/2	1,879.96	1/2	1,513.85	1/2	1,147.73	1/2	782.54	1/2	416.61	1/2	85.39	1/2		1/2		1/2	
3/4	2,238.45	3/4	1,872.33	3/4	1,506.22	3/4	1,140.15	3/4	774.91	3/4	409.12	3/4	79.28	3/4		3/4		3/4	
4	2,230.82	4	1,864.71	4	1,498.59	4	1,132.56	4	767.28	4	401.63	4	73.17	4		4		4	
1/4	2,223.19	1/4	1,857.08	1/4	1,490.96	1/4	1,124.98	1/4	759.65	1/4	394.14	1/4	67.06	1/4		1/4		1/4	
1/2	2,215.57	1/2	1,849.45	1/2	1,483.34	1/2	1,117.39	1/2	752.03	1/2	386.65	1/2	60.96	1/2		1/2		1/2	
3/4	2,207.94	3/4	1,841.82	3/4	1,475.71	3/4	1,109.81	3/4	744.40	3/4	379.25	3/4	54.98	3/4		3/4		3/4	
5	2,200.31	5	1,834.20	5	1,468.08	5	1,102.22	5	736.77	5	371.85	5	49.00	5		5		5	
1/4	2,192.68	1/4	1,826.57	1/4	1,460.45	1/4	1,094.64	1/4	729.14	1/4	364.45	1/4	43.02	1/4		1/4		1/4	
1/2	2,185.06	1/2	1,818.94	1/2	1,452.83	1/2	1,087.05	1/2	721.52	1/2	357.05	1/2	37.05	1/2		1/2		1/2	
3/4	2,177.43	3/4	1,811.31	3/4	1,445.20	3/4	1,079.44	3/4	713.89	3/4	349.74	3/4	31.79	3/4		3/4		3/4	
6	2,169.80	6	1,803.69	6	1,437.57	6	1,071.83	6	706.26	6	342.43	6	26.52	6		6		6	
1/4	2,162.17	1/4	1,796.06	1/4	1,429.94	1/4	1,064.23	1/4	698.64	1/4	335.12	1/4	21.26	1/4		1/4		1/4	
1/2	2,154.55	1/2	1,788.43	1/2	1,422.32	1/2	1,056.62	1/2	691.01	1/2	327.81	1/2	16.00	1/2		1/2		1/2	
3/4	2,146.92	3/4	1,780.80	3/4	1,414.69	3/4	1,049.01	3/4	683.38	3/4	320.59	3/4	12.73	3/4		3/4		3/4	
7	2,139.29	7	1,773.18	7	1,407.06	7	1,041.40	7	675.75	7	313.37	7	9.46	7		7		7	
1/4	2,131.66	1/4	1,765.55	1/4	1,399.43	1/4	1,033.79	1/4	668.13	1/4	306.15	1/4	6.19	1/4		1/4		1/4	
1/2	2,124.04	1/2	1,757.92	1/2	1,391.81	1/2	1,026.19	1/2	660.50	1/2	298.93	1/2	2.92	1/2		1/2		1/2	
3/4	2,116.41	3/4	1,750.29	3/4	1,384.18	3/4	1,018.58	3/4	652.87	3/4	291.80	3/4		3/4		3/4		3/4	
8	2,108.78	8	1,742.67	8	1,376.55	8	1,010.97	8	645.25	8	284.67	8		8		8		8	
1/4	2,101.16	1/4	1,735.04	1/4	1,368.92	1/4	1,003.36	1/4	637.62	1/4	277.55	1/4		1/4		1/4		1/4	
1/2	2,093.53	1/2	1,727.41	1/2	1,361.30	1/2	995.75	1/2	629.99	1/2	270.42	1/2		1/2		1/2		1/2	
3/4	2,085.90	3/4	1,719.79	3/4	1,353.67	3/4	988.15	3/4	622.36	3/4	263.39	3/4		3/4		3/4		3/4	
9	2,078.27	9	1,712.16	9	1,346.04	9	980.54	9	614.74	9	256.37	9		9		9		9	
1/4	2,070.65	1/4	1,704.53	1/4	1,338.42	1/4	972.93	1/4	607.11	1/4	249.35	1/4		1/4		1/4		1/4	
1/2	2,063.02	1/2	1,696.90	1/2	1,330.79	1/2	965.32	1/2	599.48	1/2	242.32	1/2		1/2		1/2		1/2	
3/4	2,055.39	3/4	1,689.28	3/4	1,323.16	3/4	957.71	3/4	591.86	3/4	235.39	3/4		3/4		3/4		3/4	
10	2,047.76	10	1,681.65	10	1,315.53	10	950.11	10	584.23	10	228.46	10		10		10		10	
1/4	2,040.14	1/4	1,674.02	1/4	1,307.91	1/4	942.50	1/4	576.60	1/4	221.52	1/4		1/4		1/4		1/4	
1/2	2,032.51	1/2	1,666.39	1/2	1,300.28	1/2	934.89	1/2	568.97	1/2	214.59	1/2		1/2		1/2		1/2	
3/4	2,024.88	3/4	1,658.77	3/4	1,292.65	3/4	927.28	3/4	561.35	3/4	207.75	3/4		3/4		3/4		3/4	
11	2,017.25	11	1,651.14	11	1,285.02	11	919.67	11	553.72	11	200.91	11		11		11		11	
1/4	2,009.63	1/4	1,643.51	1/4	1,277.40	1/4	912.07	1/4	546.09	1/4	194.06	1/4		1/4		1/4		1/4	
1/2	2,002.00	1/2	1,635.88	1/2	1,269.77	1/2	904.46	1/2	538.46	1/2	187.22	1/2		1/2		1/2		1/2	
3/4	1,994.37	3/4	1,628.26	3/4	1,262.14	3/4	896.85	3/4	530.84	3/4	180.71	3/4		3/4		3/4		3/4	

STRAPPED: 01/29/2008 CL - SW  
CALCULATED: 01/30/2008 CL  
PRINTED: 01/30/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2008

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 28725"

## 1 STBD ULLAGE TABLE

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

GUAGE HEIGHT 16'-08 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	2,383.00	0	2,017.04	0	1,651.29	0	1,285.31	0	919.49	0	553.52	0	200.83	0		0			
1/4	2,375.37	1/4	2,009.42	1/4	1,643.67	1/4	1,277.68	1/4	911.87	1/4	545.90	1/4	193.99	1/4		1/4			
1/2	2,367.75	1/2	2,001.79	1/2	1,636.04	1/2	1,270.06	1/2	904.25	1/2	538.27	1/2	187.15	1/2		1/2			
3/4	2,360.12	3/4	1,994.17	3/4	1,628.42	3/4	1,262.43	3/4	896.62	3/4	530.65	3/4	180.64	3/4		3/4			
1	2,352.50	1	1,986.54	1	1,620.79	1	1,254.81	1	889.00	1	523.02	1	174.14	1		1			
1/4	2,344.88	1/4	1,978.92	1/4	1,613.17	1/4	1,247.18	1/4	881.38	1/4	515.40	1/4	167.63	1/4		1/4			
1/2	2,337.25	1/2	1,971.30	1/2	1,605.55	1/2	1,239.56	1/2	873.75	1/2	507.77	1/2	161.12	1/2		1/2			
3/4	2,329.63	3/4	1,963.67	3/4	1,597.92	3/4	1,231.93	3/4	866.13	3/4	500.15	3/4	154.70	3/4		3/4			
2	2,322.00	2	1,956.05	2	1,590.30	2	1,224.31	2	858.50	2	492.53	2	148.29	2		2			
1/4	2,314.38	1/4	1,948.42	1/4	1,582.67	1/4	1,216.69	1/4	850.88	1/4	484.90	1/4	141.87	1/4		1/4			
1/2	2,306.76	1/2	1,940.80	1/2	1,575.05	1/2	1,209.06	1/2	843.25	1/2	477.28	1/2	135.46	1/2		1/2			
3/4	2,299.13	3/4	1,933.17	3/4	1,567.42	3/4	1,201.44	3/4	835.63	3/4	469.65	3/4	129.14	3/4		3/4			
3	2,291.51	3	1,925.55	3	1,559.80	3	1,193.81	3	828.00	3	462.03	3	122.83	3		3			
1/4	2,283.88	1/4	1,917.93	1/4	1,552.17	1/4	1,186.19	1/4	820.38	1/4	454.40	1/4	116.51	1/4		1/4			
1/2	2,276.26	1/2	1,910.30	1/2	1,544.55	1/2	1,178.56	1/2	812.75	1/2	446.78	1/2	110.20	1/2		1/2			
3/4	2,268.64	3/4	1,902.68	3/4	1,536.92	3/4	1,170.94	3/4	805.13	3/4	439.20	3/4	103.99	3/4		3/4			
4	2,261.01	4	1,895.05	4	1,529.30	4	1,163.31	4	797.51	4	431.62	4	97.78	4		4			
1/4	2,253.39	1/4	1,887.43	1/4	1,521.67	1/4	1,155.69	1/4	789.88	1/4	424.04	1/4	91.57	1/4		1/4			
1/2	2,245.76	1/2	1,879.81	1/2	1,514.05	1/2	1,148.06	1/2	782.26	1/2	416.46	1/2	85.36	1/2		1/2			
3/4	2,238.14	3/4	1,872.18	3/4	1,506.42	3/4	1,140.44	3/4	774.63	3/4	408.97	3/4	79.26	3/4		3/4			
5	2,230.51	5	1,864.56	5	1,498.80	5	1,132.82	5	767.01	5	401.49	5	73.15	5		5			
1/4	2,222.89	1/4	1,856.93	1/4	1,491.17	1/4	1,125.21	1/4	759.38	1/4	394.00	1/4	67.04	1/4		1/4			
1/2	2,215.27	1/2	1,849.31	1/2	1,483.55	1/2	1,117.59	1/2	751.76	1/2	386.51	1/2	60.93	1/2		1/2			
3/4	2,207.64	3/4	1,841.69	3/4	1,475.93	3/4	1,109.97	3/4	744.13	3/4	379.11	3/4	54.96	3/4		3/4			
6	2,200.02	6	1,834.08	6	1,468.30	6	1,102.35	6	736.51	6	371.71	6	48.98	6		6			
1/4	2,192.39	1/4	1,826.46	1/4	1,460.68	1/4	1,094.73	1/4	728.89	1/4	364.32	1/4	43.01	1/4		1/4			
1/2	2,184.77	1/2	1,818.84	1/2	1,453.05	1/2	1,087.11	1/2	721.26	1/2	356.92	1/2	37.03	1/2		1/2			
3/4	2,177.15	3/4	1,811.23	3/4	1,445.43	3/4	1,079.49	3/4	713.64	3/4	349.61	3/4	31.77	3/4		3/4			
7	2,169.52	7	1,803.62	7	1,437.80	7	1,071.87	7	706.01	7	342.30	7	26.51	7		7			
1/4	2,161.90	1/4	1,796.01	1/4	1,430.18	1/4	1,064.25	1/4	698.39	1/4	335.00	1/4	21.25	1/4		1/4			
1/2	2,154.27	1/2	1,788.40	1/2	1,422.55	1/2	1,056.63	1/2	690.76	1/2	327.69	1/2	15.99	1/2		1/2			
3/4	2,146.65	3/4	1,780.79	3/4	1,414.93	3/4	1,049.01	3/4	683.14	3/4	320.47	3/4	12.72	3/4		3/4			
8	2,139.03	8	1,773.18	8	1,407.30	8	1,041.39	8	675.51	8	313.26	8	9.45	8		8			
1/4	2,131.40	1/4	1,765.57	1/4	1,399.68	1/4	1,033.78	1/4	667.89	1/4	306.04	1/4	6.19	1/4		1/4			
1/2	2,123.78	1/2	1,757.96	1/2	1,392.05	1/2	1,026.16	1/2	660.26	1/2	298.82	1/2	2.92	1/2		1/2			
3/4	2,116.15	3/4	1,750.35	3/4	1,384.43	3/4	1,018.54	3/4	652.64	3/4	291.70	3/4		3/4		3/4			
9	2,108.53	9	1,742.74	9	1,376.80	9	1,010.92	9	645.02	9	284.57	9		9		9			
1/4	2,100.90	1/4	1,735.12	1/4	1,369.18	1/4	1,003.30	1/4	637.39	1/4	277.45	1/4		1/4		1/4			
1/2	2,093.28	1/2	1,727.51	1/2	1,361.55	1/2	995.68	1/2	629.77	1/2	270.32	1/2		1/2		1/2			
3/4	2,085.66	3/4	1,719.90	3/4	1,353.93	3/4	988.06	3/4	622.14	3/4	263.30	3/4		3/4		3/4			
10	2,078.03	10	1,712.28	10	1,346.31	10	980.44	10	614.52	10	256.28	10		10		10			
1/4	2,070.41	1/4	1,704.66	1/4	1,338.68	1/4	972.82	1/4	606.89	1/4	249.26	1/4		1/4		1/4			
1/2	2,062.78	1/2	1,697.04	1/2	1,331.06	1/2	965.20	1/2	599.27	1/2	242.24	1/2		1/2		1/2			
3/4	2,055.16	3/4	1,689.42	3/4	1,323.43	3/4	957.58	3/4	591.64	3/4	235.31	3/4		3/4		3/4			
11	2,047.54	11	1,681.79	11	1,315.81	11	949.96	11	584.02	11	228.38	11		11		11			
1/4	2,039.91	1/4	1,674.17	1/4	1,308.18	1/4	942.34	1/4	576.40	1/4	221.44	1/4		1/4		1/4			
1/2	2,032.29	1/2	1,666.54	1/2	1,300.56	1/2	934.73	1/2	568.77	1/2	214.51	1/2		1/2		1/2			
3/4	2,024.66	3/4	1,658.92	3/4	1,292.93	3/4	927.11	3/4	561.15	3/4	207.67	3/4		3/4		3/4			

STRAPPED: 01/29/2008 CL - SW  
CALCULATED: 01/30/2008 CL  
PRINTED: 01/30/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2008

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 28725"

## 2 PORT ULLAGE TABLE

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

GUAGE HEIGHT 16'-08 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	2,409.18	0	2,045.54	0	1,681.90	0	1,319.25	0	970.93	0	607.43	0	243.95	0		0		0	
1/4	2,401.60	1/4	2,037.96	1/4	1,674.33	1/4	1,312.00	1/4	963.37	1/4	599.86	1/4	236.39	1/4		1/4		1/4	
1/2	2,394.03	1/2	2,030.39	1/2	1,666.75	1/2	1,304.75	1/2	955.81	1/2	592.28	1/2	229.07	1/2		1/2		1/2	
3/4	2,386.45	3/4	2,022.81	3/4	1,659.17	3/4	1,297.50	3/4	948.25	3/4	584.71	3/4	221.75	3/4		3/4		3/4	
1	2,378.88	1	2,015.24	1	1,651.60	1	1,290.25	1	940.69	1	577.13	1	214.42	1		1		1	
1/4	2,371.30	1/4	2,007.66	1/4	1,644.02	1/4	1,283.00	1/4	933.13	1/4	569.55	1/4	207.10	1/4		1/4		1/4	
1/2	2,363.72	1/2	2,000.09	1/2	1,636.45	1/2	1,275.75	1/2	925.57	1/2	561.98	1/2	199.78	1/2		1/2		1/2	
3/4	2,356.15	3/4	1,992.51	3/4	1,628.87	3/4	1,268.50	3/4	918.00	3/4	554.40	3/4	192.47	3/4		3/4		3/4	
2	2,348.57	2	1,984.93	2	1,621.30	2	1,261.26	2	910.44	2	546.83	2	185.15	2		2		2	
1/4	2,341.00	1/4	1,977.36	1/4	1,613.72	1/4	1,254.01	1/4	902.88	1/4	539.25	1/4	177.83	1/4		1/4		1/4	
1/2	2,333.42	1/2	1,969.78	1/2	1,606.14	1/2	1,246.76	1/2	895.30	1/2	531.68	1/2	170.52	1/2		1/2		1/2	
3/4	2,325.85	3/4	1,962.21	3/4	1,598.57	3/4	1,239.51	3/4	887.73	3/4	524.10	3/4	163.21	3/4		3/4		3/4	
3	2,318.27	3	1,954.63	3	1,590.99	3	1,232.26	3	880.15	3	516.52	3	155.90	3		3		3	
1/4	2,310.69	1/4	1,947.06	1/4	1,583.42	1/4	1,225.01	1/4	872.58	1/4	508.95	1/4	148.59	1/4		1/4		1/4	
1/2	2,303.12	1/2	1,939.48	1/2	1,575.84	1/2	1,217.76	1/2	865.00	1/2	501.37	1/2	141.30	1/2		1/2		1/2	
3/4	2,295.54	3/4	1,931.90	3/4	1,568.27	3/4	1,210.51	3/4	857.43	3/4	493.80	3/4	134.01	3/4		3/4		3/4	
4	2,287.97	4	1,924.33	4	1,560.69	4	1,203.27	4	849.85	4	486.22	4	126.71	4		4		4	
1/4	2,280.39	1/4	1,916.75	1/4	1,553.11	1/4	1,196.02	1/4	842.28	1/4	478.65	1/4	119.42	1/4		1/4		1/4	
1/2	2,272.81	1/2	1,909.18	1/2	1,545.54	1/2	1,188.79	1/2	834.70	1/2	471.07	1/2	112.13	1/2		1/2		1/2	
3/4	2,265.24	3/4	1,901.60	3/4	1,537.96	3/4	1,181.56	3/4	827.12	3/4	463.50	3/4	104.85	3/4		3/4		3/4	
5	2,257.66	5	1,894.02	5	1,530.39	5	1,174.33	5	819.55	5	455.92	5	97.57	5		5		5	
1/4	2,250.09	1/4	1,886.45	1/4	1,522.81	1/4	1,167.10	1/4	811.97	1/4	448.34	1/4	90.28	1/4		1/4		1/4	
1/2	2,242.51	1/2	1,878.87	1/2	1,515.23	1/2	1,159.87	1/2	804.40	1/2	440.77	1/2	83.04	1/2		1/2		1/2	
3/4	2,234.94	3/4	1,871.30	3/4	1,507.66	3/4	1,152.64	3/4	796.82	3/4	433.19	3/4	75.80	3/4		3/4		3/4	
6	2,227.36	6	1,863.72	6	1,500.08	6	1,145.41	6	789.25	6	425.62	6	68.56	6		6		6	
1/4	2,219.78	1/4	1,856.15	1/4	1,492.51	1/4	1,138.18	1/4	781.67	1/4	418.04	1/4	61.32	1/4		1/4		1/4	
1/2	2,212.21	1/2	1,848.57	1/2	1,484.93	1/2	1,130.95	1/2	774.10	1/2	410.47	1/2	54.69	1/2		1/2		1/2	
3/4	2,204.63	3/4	1,840.99	3/4	1,477.36	3/4	1,123.73	3/4	766.52	3/4	402.89	3/4	48.07	3/4		3/4		3/4	
7	2,197.06	7	1,833.42	7	1,469.78	7	1,116.50	7	758.94	7	395.32	7	41.44	7		7		7	
1/4	2,189.48	1/4	1,825.84	1/4	1,462.20	1/4	1,109.27	1/4	751.37	1/4	387.74	1/4	34.82	1/4		1/4		1/4	
1/2	2,181.90	1/2	1,818.27	1/2	1,454.63	1/2	1,102.04	1/2	743.79	1/2	380.16	1/2	30.09	1/2		1/2		1/2	
3/4	2,174.33	3/4	1,810.69	3/4	1,447.05	3/4	1,094.81	3/4	736.22	3/4	372.59	3/4	25.35	3/4		3/4		3/4	
8	2,166.75	8	1,803.11	8	1,439.48	8	1,087.58	8	728.64	8	365.01	8	20.62	8		8		8	
1/4	2,159.18	1/4	1,795.54	1/4	1,431.90	1/4	1,080.35	1/4	721.07	1/4	357.44	1/4	15.88	1/4		1/4		1/4	
1/2	2,151.60	1/2	1,787.96	1/2	1,424.32	1/2	1,073.12	1/2	713.49	1/2	349.86	1/2		1/2		1/2		1/2	
3/4	2,144.03	3/4	1,780.39	3/4	1,416.75	3/4	1,065.89	3/4	705.91	3/4	342.29	3/4		3/4		3/4		3/4	
9	2,136.45	9	1,772.81	9	1,409.17	9	1,058.66	9	698.34	9	334.71	9		9		9		9	
1/4	2,128.87	1/4	1,765.24	1/4	1,401.60	1/4	1,051.43	1/4	690.76	1/4	327.13	1/4		1/4		1/4		1/4	
1/2	2,121.30	1/2	1,757.66	1/2	1,394.02	1/2	1,044.20	1/2	683.19	1/2	319.57	1/2		1/2		1/2		1/2	
3/4	2,113.72	3/4	1,750.08	3/4	1,386.45	3/4	1,036.97	3/4	675.61	3/4	312.01	3/4		3/4		3/4		3/4	
10	2,106.15	10	1,742.51	10	1,378.87	10	1,029.75	10	668.04	10	304.45	10		10		10		10	
1/4	2,098.57	1/4	1,734.93	1/4	1,371.29	1/4	1,022.52	1/4	660.46	1/4	296.89	1/4		1/4		1/4		1/4	
1/2	2,091.00	1/2	1,727.36	1/2	1,363.72	1/2	1,015.29	1/2	652.89	1/2	289.32	1/2		1/2		1/2		1/2	
3/4	2,083.42	3/4	1,719.78	3/4	1,356.14	3/4	1,008.06	3/4	645.31	3/4	281.76	3/4		3/4		3/4		3/4	
11	2,075.84	11	1,712.21	11	1,348.57	11	1,000.83	11	637.73	11	274.20	11		11		11		11	
1/4	2,068.27	1/4	1,704.63	1/4	1,340.99	1/4	993.60	1/4	630.16	1/4	266.64	1/4		1/4		1/4		1/4	
1/2	2,060.69	1/2	1,697.05	1/2	1,333.74	1/2	986.04	1/2	622.58	1/2	259.08	1/2		1/2		1/2		1/2	
3/4	2,053.12	3/4	1,689.48	3/4	1,326.49	3/4	978.49	3/4	615.01	3/4	251.51	3/4		3/4		3/4		3/4	

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CALCULATED: 01/30/2008 CL  
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# BARGE "KIRBY 28725"

## 2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 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	2,430.93	0	2,067.38	0	1,705.54	0	1,341.94	0	978.51	0	614.94	0	251.49	0		0		0	
1/4	2,423.35	1/4	2,059.80	1/4	1,697.96	1/4	1,334.37	1/4	970.94	1/4	607.36	1/4	243.93	1/4		1/4		1/4	
1/2	2,415.78	1/2	2,052.23	1/2	1,690.39	1/2	1,326.79	1/2	963.37	1/2	599.79	1/2	236.36	1/2		1/2		1/2	
3/4	2,408.20	3/4	2,044.66	3/4	1,682.81	3/4	1,319.22	3/4	955.80	3/4	592.21	3/4	229.04	3/4		3/4		3/4	
1	2,400.63	1	2,037.08	1	1,675.24	1	1,311.64	1	948.22	1	584.64	1	221.72	1		1		1	
1/4	2,393.06	1/4	2,029.51	1/4	1,667.66	1/4	1,304.07	1/4	940.65	1/4	577.06	1/4	214.40	1/4		1/4		1/4	
1/2	2,385.48	1/2	2,021.94	1/2	1,660.09	1/2	1,296.49	1/2	933.07	1/2	569.49	1/2	207.08	1/2		1/2		1/2	
3/4	2,377.91	3/4	2,014.36	3/4	1,652.51	3/4	1,288.92	3/4	925.50	3/4	561.91	3/4	199.76	3/4		3/4		3/4	
2	2,370.33	2	2,006.79	2	1,644.94	2	1,281.34	2	917.92	2	554.34	2	192.44	2		2		2	
1/4	2,362.76	1/4	1,999.21	1/4	1,637.36	1/4	1,273.77	1/4	910.35	1/4	546.76	1/4	185.13	1/4		1/4		1/4	
1/2	2,355.19	1/2	1,991.64	1/2	1,629.79	1/2	1,266.19	1/2	902.77	1/2	539.19	1/2	177.81	1/2		1/2		1/2	
3/4	2,347.61	3/4	1,984.07	3/4	1,622.21	3/4	1,258.62	3/4	895.20	3/4	531.61	3/4	170.50	3/4		3/4		3/4	
3	2,340.04	3	1,976.49	3	1,614.64	3	1,251.04	3	887.63	3	524.04	3	163.19	3		3		3	
1/4	2,332.47	1/4	1,968.92	1/4	1,607.06	1/4	1,243.47	1/4	880.05	1/4	516.47	1/4	155.88	1/4		1/4		1/4	
1/2	2,324.89	1/2	1,961.34	1/2	1,599.49	1/2	1,235.89	1/2	872.48	1/2	508.89	1/2	148.58	1/2		1/2		1/2	
3/4	2,317.32	3/4	1,953.77	3/4	1,591.91	3/4	1,228.32	3/4	864.90	3/4	501.32	3/4	141.28	3/4		3/4		3/4	
4	2,309.74	4	1,946.20	4	1,584.34	4	1,220.74	4	857.33	4	493.74	4	133.99	4		4		4	
1/4	2,302.17	1/4	1,938.62	1/4	1,576.76	1/4	1,213.17	1/4	849.75	1/4	486.17	1/4	126.70	1/4		1/4		1/4	
1/2	2,294.60	1/2	1,931.05	1/2	1,569.19	1/2	1,205.59	1/2	842.18	1/2	478.59	1/2	119.40	1/2		1/2		1/2	
3/4	2,287.02	3/4	1,923.47	3/4	1,561.61	3/4	1,198.02	3/4	834.60	3/4	471.02	3/4	112.12	3/4		3/4		3/4	
5	2,279.45	5	1,915.90	5	1,554.04	5	1,190.45	5	827.03	5	463.44	5	104.84	5		5		5	
1/4	2,271.87	1/4	1,908.33	1/4	1,546.46	1/4	1,182.89	1/4	819.45	1/4	455.87	1/4	97.55	1/4		1/4		1/4	
1/2	2,264.30	1/2	1,900.75	1/2	1,538.89	1/2	1,175.32	1/2	811.88	1/2	448.29	1/2	90.27	1/2		1/2		1/2	
3/4	2,256.73	3/4	1,893.23	3/4	1,531.31	3/4	1,167.75	3/4	804.30	3/4	440.72	3/4	83.03	3/4		3/4		3/4	
6	2,249.15	6	1,885.71	6	1,523.74	6	1,160.18	6	796.73	6	433.14	6	75.79	6		6		6	
1/4	2,241.58	1/4	1,878.19	1/4	1,516.16	1/4	1,152.61	1/4	789.15	1/4	425.57	1/4	68.55	1/4		1/4		1/4	
1/2	2,234.00	1/2	1,870.67	1/2	1,508.59	1/2	1,145.04	1/2	781.58	1/2	417.99	1/2	61.31	1/2		1/2		1/2	
3/4	2,226.43	3/4	1,863.21	3/4	1,501.01	3/4	1,137.47	3/4	774.01	3/4	410.42	3/4	54.69	3/4		3/4		3/4	
7	2,218.86	7	1,855.74	7	1,493.44	7	1,129.90	7	766.43	7	402.84	7	48.06	7		7		7	
1/4	2,211.28	1/4	1,848.27	1/4	1,485.86	1/4	1,122.33	1/4	758.86	1/4	395.27	1/4	41.44	1/4		1/4		1/4	
1/2	2,203.71	1/2	1,840.80	1/2	1,478.29	1/2	1,114.76	1/2	751.28	1/2	387.70	1/2	34.82	1/2		1/2		1/2	
3/4	2,196.14	3/4	1,833.34	3/4	1,470.71	3/4	1,107.19	3/4	743.71	3/4	380.12	3/4	30.08	3/4		3/4		3/4	
8	2,188.56	8	1,825.87	8	1,463.14	8	1,099.62	8	736.13	8	372.55	8	25.35	8		8		8	
1/4	2,180.99	1/4	1,818.40	1/4	1,455.57	1/4	1,092.05	1/4	728.56	1/4	364.97	1/4	20.61	1/4		1/4		1/4	
1/2	2,173.41	1/2	1,810.94	1/2	1,447.99	1/2	1,084.48	1/2	720.98	1/2	357.40	1/2	15.88	1/2		1/2		1/2	
3/4	2,165.84	3/4	1,803.47	3/4	1,440.42	3/4	1,076.91	3/4	713.41	3/4	349.82	3/4		3/4		3/4		3/4	
9	2,158.27	9	1,796.00	9	1,432.84	9	1,069.34	9	705.83	9	342.25	9		9		9		9	
1/4	2,150.69	1/4	1,788.54	1/4	1,425.27	1/4	1,061.77	1/4	698.26	1/4	334.67	1/4		1/4		1/4		1/4	
1/2	2,143.12	1/2	1,781.07	1/2	1,417.69	1/2	1,054.21	1/2	690.68	1/2	327.10	1/2		1/2		1/2		1/2	
3/4	2,135.54	3/4	1,773.55	3/4	1,410.12	3/4	1,046.64	3/4	683.11	3/4	319.54	3/4		3/4		3/4		3/4	
10	2,127.97	10	1,766.03	10	1,402.54	10	1,039.07	10	675.53	10	311.98	10		10		10		10	
1/4	2,120.40	1/4	1,758.51	1/4	1,394.97	1/4	1,031.50	1/4	667.96	1/4	304.41	1/4		1/4		1/4		1/4	
1/2	2,112.82	1/2	1,750.99	1/2	1,387.39	1/2	1,023.93	1/2	660.38	1/2	296.85	1/2		1/2		1/2		1/2	
3/4	2,105.25	3/4	1,743.41	3/4	1,379.82	3/4	1,016.36	3/4	652.81	3/4	289.29	3/4		3/4		3/4		3/4	
11	2,097.67	11	1,735.84	11	1,372.24	11	1,008.79	11	645.24	11	281.73	11		11		11		11	
1/4	2,090.10	1/4	1,728.26	1/4	1,364.67	1/4	1,001.22	1/4	637.66	1/4	274.17	1/4		1/4		1/4		1/4	
1/2	2,082.53	1/2	1,720.69	1/2	1,357.09	1/2	993.65	1/2	630.09	1/2	266.61	1/2		1/2		1/2		1/2	
3/4	2,074.95	3/4	1,713.11	3/4	1,349.52	3/4	986.08	3/4	622.51	3/4	259.05	3/4		3/4		3/4		3/4	

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# BARGE "KIRBY 28725"

## 3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,255.82	0	4,000.45	0	3,726.76	0	3,432.94	0	3,069.41	0	2,706.01
1/4		1/4		1/4		1/4		1/4	4,250.69	1/4	3,994.93	1/4	3,720.93	1/4	3,425.37	1/4	3,061.84	1/4	2,698.43
1/2		1/2		1/2		1/2		1/2	4,245.56	1/2	3,989.22	1/2	3,715.10	1/2	3,417.79	1/2	3,054.27	1/2	2,690.86
3/4		3/4		3/4		3/4		3/4	4,240.41	3/4	3,983.87	3/4	3,709.27	3/4	3,410.22	3/4	3,046.69	3/4	2,683.29
1		1		1		1		1	4,235.25	1	3,978.32	1	3,703.44	1	3,402.65	1	3,039.12	1	2,675.72
1/4		1/4		1/4		1/4		1/4	4,230.09	1/4	3,972.78	1/4	3,697.61	1/4	3,395.07	1/4	3,031.55	1/4	2,668.15
1/2		1/2		1/2		1/2		1/2	4,457.42	1/2	4,224.93	1/2	3,967.23	1/2	3,691.78	1/2	3,387.50	1/2	3,023.97
3/4		3/4		3/4		3/4		3/4	4,454.12	3/4	4,219.74	3/4	3,961.65	3/4	3,685.95	3/4	3,379.93	3/4	3,016.40
2		2		2		2		2	4,450.81	2	4,214.55	2	3,956.07	2	3,680.12	2	3,372.35	2	3,008.83
1/4		1/4		1/4		1/4		1/4	4,447.51	1/4	4,209.36	1/4	3,950.49	1/4	3,674.29	1/4	3,364.78	1/4	3,001.25
1/2		1/2		1/2		1/2		1/2	4,444.21	1/2	4,204.17	1/2	3,944.91	1/2	3,668.45	1/2	3,357.21	1/2	2,993.68
3/4		3/4		3/4		3/4		3/4	4,439.64	3/4	4,198.95	3/4	3,939.30	3/4	3,662.62	3/4	3,349.63	3/4	2,986.11
3		3		3		3		3	4,435.07	3	4,193.72	3	3,933.69	3	3,656.79	3	3,342.06	3	2,978.53
1/4		1/4		1/4		1/4		1/4	4,430.50	1/4	4,188.50	1/4	3,928.08	1/4	3,650.96	1/4	3,334.49	1/4	2,970.96
1/2		1/2		1/2		1/2		1/2	4,425.93	1/2	4,183.28	1/2	3,922.46	1/2	3,645.13	1/2	3,326.91	1/2	2,963.38
3/4		3/4		3/4		3/4		3/4	4,420.91	3/4	4,178.02	3/4	3,916.82	3/4	3,639.30	3/4	3,319.34	3/4	2,955.81
4		4		4		4		4	4,415.89	4	4,172.77	4	3,911.17	4	3,633.47	4	3,311.77	4	2,948.24
1/4		1/4		1/4		1/4		1/4	4,410.86	1/4	4,167.51	1/4	3,905.53	1/4	3,627.64	1/4	3,304.19	1/4	2,940.66
1/2		1/2		1/2		1/2		1/2	4,405.84	1/2	4,162.26	1/2	3,899.89	1/2	3,621.81	1/2	3,296.62	1/2	2,933.09
3/4		3/4		3/4		3/4		3/4	4,400.96	3/4	4,156.97	3/4	3,894.21	3/4	3,615.98	3/4	3,289.05	3/4	2,925.52
5		5		5		5		5	4,396.09	5	4,151.68	5	3,888.53	5	3,610.15	5	3,281.47	5	2,917.94
1/4		1/4		1/4		1/4		1/4	4,391.21	1/4	4,146.39	1/4	3,882.86	1/4	3,604.32	1/4	3,273.90	1/4	2,910.37
1/2		1/2		1/2		1/2		1/2	4,386.34	1/2	4,141.11	1/2	3,877.18	1/2	3,598.48	1/2	3,266.32	1/2	2,902.80
3/4		3/4		3/4		3/4		3/4	4,381.41	3/4	4,135.79	3/4	3,871.47	3/4	3,592.65	3/4	3,258.75	3/4	2,895.22
6		6		6		6		6	4,376.49	6	4,130.47	6	3,865.76	6	3,586.82	6	3,251.18	6	2,887.65
1/4		1/4		1/4		1/4		1/4	4,371.56	1/4	4,125.14	1/4	3,860.05	1/4	3,580.99	1/4	3,243.60	1/4	2,880.08
1/2		1/2		1/2		1/2		1/2	4,366.63	1/2	4,119.82	1/2	3,854.34	1/2	3,575.16	1/2	3,236.03	1/2	2,872.50
3/4		3/4		3/4		3/4		3/4	4,361.67	3/4	4,114.47	3/4	3,848.60	3/4	3,569.33	3/4	3,228.46	3/4	2,864.93
7		7		7		7		7	4,356.71	7	4,109.12	7	3,842.86	7	3,563.50	7	3,220.88	7	2,857.36
1/4		1/4		1/4		1/4		1/4	4,351.74	1/4	4,103.77	1/4	3,837.12	1/4	3,557.67	1/4	3,213.31	1/4	2,849.79
1/2		1/2		1/2		1/2		1/2	4,346.78	1/2	4,098.41	1/2	3,831.38	1/2	3,551.84	1/2	3,205.74	1/2	2,842.22
3/4		3/4		3/4		3/4		3/4	4,341.78	3/4	4,093.03	3/4	3,825.60	3/4	3,546.01	3/4	3,198.16	3/4	2,834.66
8		8		8		8		8	4,336.79	8	4,087.64	8	3,819.83	8	3,540.18	8	3,190.59	8	2,827.09
1/4		1/4		1/4		1/4		1/4	4,331.79	1/4	4,082.26	1/4	3,814.05	1/4	3,534.35	1/4	3,183.02	1/4	2,819.52
1/2		1/2		1/2		1/2		1/2	4,326.80	1/2	4,076.87	1/2	3,808.28	1/2	3,528.52	1/2	3,175.44	1/2	2,811.96
3/4		3/4		3/4		3/4		3/4	4,321.77	3/4	4,071.46	3/4	3,802.47	3/4	3,522.68	3/4	3,167.87	3/4	2,804.39
9		9		9		9		9	4,316.74	9	4,066.04	9	3,796.67	9	3,516.85	9	3,160.30	9	2,796.82
1/4		1/4		1/4		1/4		1/4	4,311.71	1/4	4,060.62	1/4	3,790.86	1/4	3,511.02	1/4	3,152.72	1/4	2,789.26
1/2		1/2		1/2		1/2		1/2	4,306.68	1/2	4,055.20	1/2	3,785.05	1/2	3,505.19	1/2	3,145.15	1/2	2,781.69
3/4		3/4		3/4		3/4		3/4	4,301.62	3/4	4,049.75	3/4	3,779.23	3/4	3,498.49	3/4	3,137.58	3/4	2,774.12
10		10		10		10		10	4,296.56	10	4,044.30	10	3,773.40	10	3,491.79	10	3,130.00	10	2,766.55
1/4		1/4		1/4		1/4		1/4	4,291.50	1/4	4,038.86	1/4	3,767.57	1/4	3,485.09	1/4	3,122.43	1/4	2,758.99
1/2		1/2		1/2		1/2		1/2	4,286.44	1/2	4,033.41	1/2	3,761.75	1/2	3,478.38	1/2	3,114.85	1/2	2,751.42
3/4		3/4		3/4		3/4		3/4	4,281.35	3/4	4,027.92	3/4	3,755.92	3/4	3,470.81	3/4	3,107.28	3/4	2,743.85
11		11		11		11		11	4,276.25	11	4,022.44	11	3,750.09	11	3,463.24	11	3,099.71	11	2,736.28
1/4		1/4		1/4		1/4		1/4	4,271.16	1/4	4,016.96	1/4	3,744.25	1/4	3,455.66	1/4	3,092.13	1/4	2,728.72
1/2		1/2		1/2		1/2		1/2	4,266.07	1/2	4,011.48	1/2	3,738.42	1/2	3,448.09	1/2	3,084.56	1/2	2,721.15
3/4		3/4		3/4		3/4		3/4	4,260.94	3/4	4,005.96	3/4	3,732.59	3/4	3,440.52	3/4	3,076.99	3/4	2,713.58

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'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 28725"

## 3 PORT 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	2,342.31	0	1,979.30	0	1,616.38	0	1,252.75	0	897.72	0	539.88	0	176.09	0		0		0	
1/4	2,334.73	1/4	1,971.76	1/4	1,608.80	1/4	1,245.17	1/4	890.46	1/4	532.31	1/4	168.51	1/4		1/4		1/4	
1/2	2,327.15	1/2	1,964.21	1/2	1,601.23	1/2	1,237.60	1/2	883.19	1/2	524.74	1/2	160.93	1/2		1/2		1/2	
3/4	2,319.57	3/4	1,956.67	3/4	1,593.65	3/4	1,230.02	3/4	875.92	3/4	517.18	3/4	153.79	3/4		3/4		3/4	
1	2,311.99	1	1,949.12	1	1,586.08	1	1,222.44	1	868.66	1	509.61	1	146.65	1		1		1	
1/4	2,304.42	1/4	1,941.57	1/4	1,578.50	1/4	1,214.87	1/4	861.39	1/4	502.05	1/4	139.50	1/4		1/4		1/4	
1/2	2,296.84	1/2	1,934.03	1/2	1,570.93	1/2	1,207.29	1/2	854.12	1/2	494.49	1/2	132.36	1/2		1/2		1/2	
3/4	2,289.26	3/4	1,926.48	3/4	1,563.35	3/4	1,199.72	3/4	846.85	3/4	486.93	3/4	126.29	3/4		3/4		3/4	
2	2,281.68	2	1,918.94	2	1,555.77	2	1,192.14	2	839.58	2	479.36	2	120.22	2		2		2	
1/4	2,274.10	1/4	1,911.39	1/4	1,548.20	1/4	1,184.57	1/4	832.31	1/4	471.80	1/4	114.15	1/4		1/4		1/4	
1/2	2,266.52	1/2	1,903.84	1/2	1,540.62	1/2	1,176.99	1/2	825.04	1/2	464.24	1/2	108.08	1/2		1/2		1/2	
3/4	2,258.94	3/4	1,896.30	3/4	1,533.05	3/4	1,169.41	3/4	817.76	3/4	456.67	3/4	103.28	3/4		3/4		3/4	
3	2,251.36	3	1,888.75	3	1,525.47	3	1,161.84	3	810.48	3	449.11	3	98.48	3		3		3	
1/4	2,243.78	1/4	1,881.20	1/4	1,517.90	1/4	1,154.26	1/4	803.20	1/4	441.55	1/4	93.68	1/4		1/4		1/4	
1/2	2,236.20	1/2	1,873.66	1/2	1,510.32	1/2	1,146.69	1/2	795.92	1/2	433.99	1/2	88.88	1/2		1/2		1/2	
3/4	2,228.62	3/4	1,866.11	3/4	1,502.75	3/4	1,139.11	3/4	788.63	3/4	426.41	3/4	85.36	3/4		3/4		3/4	
4	2,221.05	4	1,858.57	4	1,495.17	4	1,131.54	4	781.33	4	418.84	4	81.84	4		4		4	
1/4	2,213.47	1/4	1,851.02	1/4	1,487.59	1/4	1,123.96	1/4	774.04	1/4	411.27	1/4	78.32	1/4		1/4		1/4	
1/2	2,205.89	1/2	1,843.47	1/2	1,480.02	1/2	1,116.38	1/2	766.75	1/2	403.70	1/2	74.80	1/2		1/2		1/2	
3/4	2,198.31	3/4	1,835.93	3/4	1,472.44	3/4	1,108.96	3/4	759.30	3/4	396.12	3/4	72.56	3/4		3/4		3/4	
5	2,190.73	5	1,828.38	5	1,464.87	5	1,101.53	5	751.86	5	388.54	5	70.32	5		5		5	
1/4	2,183.15	1/4	1,820.84	1/4	1,457.29	1/4	1,094.10	1/4	744.42	1/4	380.95	1/4	68.08	1/4		1/4		1/4	
1/2	2,175.57	1/2	1,813.29	1/2	1,449.72	1/2	1,086.67	1/2	736.98	1/2	373.37	1/2	65.83	1/2		1/2		1/2	
3/4	2,168.01	3/4	1,805.73	3/4	1,442.14	3/4	1,079.39	3/4	729.39	3/4	365.79	3/4	64.89	3/4		3/4		3/4	
6	2,160.44	6	1,798.17	6	1,434.56	6	1,072.12	6	721.81	6	358.20	6	63.94	6		6		6	
1/4	2,152.88	1/4	1,790.61	1/4	1,426.99	1/4	1,064.84	1/4	714.23	1/4	350.61	1/4	62.99	1/4		1/4		1/4	
1/2	2,145.32	1/2	1,783.05	1/2	1,419.41	1/2	1,057.57	1/2	706.65	1/2	343.03	1/2	62.04	1/2		1/2		1/2	
3/4	2,137.77	3/4	1,775.47	3/4	1,411.84	3/4	1,050.30	3/4	699.07	3/4	335.43	3/4		3/4		3/4		3/4	
7	2,130.23	7	1,767.89	7	1,404.26	7	1,043.04	7	691.49	7	327.84	7		7		7		7	
1/4	2,122.68	1/4	1,760.32	1/4	1,396.69	1/4	1,035.77	1/4	683.91	1/4	320.25	1/4		1/4		1/4		1/4	
1/2	2,115.13	1/2	1,752.74	1/2	1,389.11	1/2	1,028.51	1/2	676.33	1/2	312.65	1/2		1/2		1/2		1/2	
3/4	2,107.59	3/4	1,745.17	3/4	1,381.53	3/4	1,021.24	3/4	668.75	3/4	305.06	3/4		3/4		3/4		3/4	
8	2,100.04	8	1,737.59	8	1,373.96	8	1,013.98	8	661.16	8	297.47	8		8		8		8	
1/4	2,092.50	1/4	1,730.02	1/4	1,366.38	1/4	1,006.71	1/4	653.58	1/4	289.88	1/4		1/4		1/4		1/4	
1/2	2,084.95	1/2	1,722.44	1/2	1,358.81	1/2	999.44	1/2	646.00	1/2	282.28	1/2		1/2		1/2		1/2	
3/4	2,077.40	3/4	1,714.86	3/4	1,351.23	3/4	992.18	3/4	638.42	3/4	274.69	3/4		3/4		3/4		3/4	
9	2,069.86	9	1,707.29	9	1,343.66	9	984.91	9	630.84	9	267.10	9		9		9		9	
1/4	2,062.31	1/4	1,699.71	1/4	1,336.08	1/4	977.65	1/4	623.26	1/4	259.51	1/4		1/4		1/4		1/4	
1/2	2,054.77	1/2	1,692.14	1/2	1,328.50	1/2	970.38	1/2	615.68	1/2	251.91	1/2		1/2		1/2		1/2	
3/4	2,047.22	3/4	1,684.56	3/4	1,320.93	3/4	963.12	3/4	608.10	3/4	244.33	3/4		3/4		3/4		3/4	
10	2,039.67	10	1,676.99	10	1,313.35	10	955.85	10	600.51	10	236.74	10		10		10		10	
1/4	2,032.13	1/4	1,669.41	1/4	1,305.78	1/4	948.58	1/4	592.93	1/4	229.15	1/4		1/4		1/4		1/4	
1/2	2,024.58	1/2	1,661.83	1/2	1,298.20	1/2	941.32	1/2	585.35	1/2	221.57	1/2		1/2		1/2		1/2	
3/4	2,017.03	3/4	1,654.26	3/4	1,290.63	3/4	934.05	3/4	577.77	3/4	213.99	3/4		3/4		3/4		3/4	
11	2,009.49	11	1,646.68	11	1,283.05	11	926.79	11	570.19	11	206.41	11		11		11		11	
1/4	2,001.94	1/4	1,639.11	1/4	1,275.47	1/4	919.52	1/4	562.61	1/4	198.83	1/4		1/4		1/4		1/4	
1/2	1,994.40	1/2	1,631.53	1/2	1,267.90	1/2	912.26	1/2	555.03	1/2	191.25	1/2		1/2		1/2		1/2	
3/4	1,986.85	3/4	1,623.96	3/4	1,260.32	3/4	904.99	3/4	547.46	3/4	183.67	3/4		3/4		3/4		3/4	

STRAPPED: 01/29/2008 CL - SW  
CALCULATED: 01/30/2008 CL  
RECOMPUTED: 02/28/2018

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2018

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 28725"

## 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	2,363.29	0	1,998.69	0	1,634.39	0	1,269.75	0	905.26	0	540.66	0	176.14	0		0		0	
1/4	2,355.69	1/4	1,991.09	1/4	1,626.79	1/4	1,262.16	1/4	897.67	1/4	533.06	1/4	168.55	1/4		1/4		1/4	
1/2	2,348.10	1/2	1,983.49	1/2	1,619.20	1/2	1,254.56	1/2	890.08	1/2	525.46	1/2	160.97	1/2		1/2		1/2	
3/4	2,340.50	3/4	1,975.90	3/4	1,611.60	3/4	1,246.96	3/4	882.49	3/4	517.87	3/4	153.83	3/4		3/4		3/4	
1	2,332.91	1	1,968.30	1	1,604.00	1	1,239.37	1	874.89	1	510.27	1	146.68	1		1		1	
1/4	2,325.31	1/4	1,960.71	1/4	1,596.41	1/4	1,231.77	1/4	867.30	1/4	502.67	1/4	139.53	1/4		1/4		1/4	
1/2	2,317.71	1/2	1,953.11	1/2	1,588.81	1/2	1,224.17	1/2	859.71	1/2	495.08	1/2	132.39	1/2		1/2		1/2	
3/4	2,310.12	3/4	1,945.51	3/4	1,581.21	3/4	1,216.58	3/4	852.11	3/4	487.48	3/4	126.31	3/4		3/4		3/4	
2	2,302.52	2	1,937.92	2	1,573.62	2	1,208.98	2	844.51	2	479.89	2	120.24	2		2		2	
1/4	2,294.93	1/4	1,930.32	1/4	1,566.02	1/4	1,201.38	1/4	836.92	1/4	472.29	1/4	114.17	1/4		1/4		1/4	
1/2	2,287.33	1/2	1,922.73	1/2	1,558.42	1/2	1,193.79	1/2	829.32	1/2	464.69	1/2	108.09	1/2		1/2		1/2	
3/4	2,279.73	3/4	1,915.13	3/4	1,550.83	3/4	1,186.19	3/4	821.72	3/4	457.10	3/4	103.29	3/4		3/4		3/4	
3	2,272.14	3	1,907.53	3	1,543.23	3	1,178.59	3	814.13	3	449.50	3	98.49	3		3		3	
1/4	2,264.54	1/4	1,899.94	1/4	1,535.63	1/4	1,171.00	1/4	806.53	1/4	441.90	1/4	93.69	1/4		1/4		1/4	
1/2	2,256.95	1/2	1,892.34	1/2	1,528.04	1/2	1,163.40	1/2	798.93	1/2	434.31	1/2	88.89	1/2		1/2		1/2	
3/4	2,249.35	3/4	1,884.75	3/4	1,520.44	3/4	1,155.80	3/4	791.34	3/4	426.71	3/4	85.37	3/4		3/4		3/4	
4	2,241.75	4	1,877.15	4	1,512.84	4	1,148.21	4	783.74	4	419.11	4	81.85	4		4		4	
1/4	2,234.16	1/4	1,869.56	1/4	1,505.25	1/4	1,140.61	1/4	776.14	1/4	411.52	1/4	78.33	1/4		1/4		1/4	
1/2	2,226.56	1/2	1,861.96	1/2	1,497.65	1/2	1,133.01	1/2	768.55	1/2	403.92	1/2	74.81	1/2		1/2		1/2	
3/4	2,218.97	3/4	1,854.36	3/4	1,490.05	3/4	1,125.42	3/4	760.95	3/4	396.32	3/4	72.57	3/4		3/4		3/4	
5	2,211.37	5	1,846.77	5	1,482.46	5	1,117.82	5	753.36	5	388.73	5	70.33	5		5		5	
1/4	2,203.77	1/4	1,839.17	1/4	1,474.86	1/4	1,110.23	1/4	745.76	1/4	381.13	1/4	68.09	1/4		1/4		1/4	
1/2	2,196.18	1/2	1,831.58	1/2	1,467.26	1/2	1,102.64	1/2	738.16	1/2	373.54	1/2	65.85	1/2		1/2		1/2	
3/4	2,188.58	3/4	1,823.98	3/4	1,459.67	3/4	1,095.04	3/4	730.57	3/4	365.94	3/4	64.91	3/4		3/4		3/4	
6	2,180.99	6	1,816.39	6	1,452.07	6	1,087.45	6	722.97	6	358.34	6	63.96	6		6		6	
1/4	2,173.39	1/4	1,808.80	1/4	1,444.47	1/4	1,079.86	1/4	715.37	1/4	350.75	1/4	63.01	1/4		1/4		1/4	
1/2	2,165.80	1/2	1,801.21	1/2	1,436.88	1/2	1,072.27	1/2	707.78	1/2	343.15	1/2	62.07	1/2		1/2		1/2	
3/4	2,158.20	3/4	1,793.63	3/4	1,429.28	3/4	1,064.68	3/4	700.18	3/4	335.55	3/4		3/4		3/4		3/4	
7	2,150.60	7	1,786.05	7	1,421.68	7	1,057.09	7	692.58	7	327.96	7		7		7		7	
1/4	2,143.01	1/4	1,778.47	1/4	1,414.09	1/4	1,049.50	1/4	684.99	1/4	320.36	1/4		1/4		1/4		1/4	
1/2	2,135.41	1/2	1,770.89	1/2	1,406.49	1/2	1,041.91	1/2	677.39	1/2	312.76	1/2		1/2		1/2		1/2	
3/4	2,127.82	3/4	1,763.31	3/4	1,398.89	3/4	1,034.32	3/4	669.80	3/4	305.17	3/4		3/4		3/4		3/4	
8	2,120.22	8	1,755.73	8	1,391.30	8	1,026.72	8	662.20	8	297.57	8		8		8		8	
1/4	2,112.62	1/4	1,748.16	1/4	1,383.70	1/4	1,019.13	1/4	654.60	1/4	289.98	1/4		1/4		1/4		1/4	
1/2	2,105.03	1/2	1,740.58	1/2	1,376.10	1/2	1,011.54	1/2	647.01	1/2	282.38	1/2		1/2		1/2		1/2	
3/4	2,097.43	3/4	1,733.01	3/4	1,368.51	3/4	1,003.95	3/4	639.41	3/4	274.78	3/4		3/4		3/4		3/4	
9	2,089.84	9	1,725.43	9	1,360.91	9	996.36	9	631.81	9	267.19	9		9		9		9	
1/4	2,082.24	1/4	1,717.85	1/4	1,353.31	1/4	988.77	1/4	624.22	1/4	259.59	1/4		1/4		1/4		1/4	
1/2	2,074.64	1/2	1,710.28	1/2	1,345.72	1/2	981.18	1/2	616.62	1/2	251.99	1/2		1/2		1/2		1/2	
3/4	2,067.05	3/4	1,702.70	3/4	1,338.12	3/4	973.59	3/4	609.02	3/4	244.40	3/4		3/4		3/4		3/4	
10	2,059.45	10	1,695.11	10	1,330.52	10	965.99	10	601.43	10	236.81	10		10		10		10	
1/4	2,051.86	1/4	1,687.53	1/4	1,322.93	1/4	958.40	1/4	593.83	1/4	229.22	1/4		1/4		1/4		1/4	
1/2	2,044.26	1/2	1,679.95	1/2	1,315.33	1/2	950.81	1/2	586.23	1/2	221.63	1/2		1/2		1/2		1/2	
3/4	2,036.66	3/4	1,672.36	3/4	1,307.74	3/4	943.22	3/4	578.64	3/4	214.05	3/4		3/4		3/4		3/4	
11	2,029.07	11	1,664.77	11	1,300.14	11	935.63	11	571.04	11	206.47	11		11		11		11	
1/4	2,021.47	1/4	1,657.17	1/4	1,292.54	1/4	928.04	1/4	563.45	1/4	198.89	1/4		1/4		1/4		1/4	
1/2	2,013.88	1/2	1,649.58	1/2	1,284.95	1/2	920.45	1/2	555.85	1/2	191.30	1/2		1/2		1/2		1/2	
3/4	2,006.28	3/4	1,641.99	3/4	1,277.35	3/4	912.86	3/4	548.25	3/4	183.72	3/4		3/4		3/4		3/4	

STRAPPED: 01/29/2008 CL - SW  
CALCULATED: 01/30/2008 CL  
RECOMPUTED: 02/28/2018

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2018

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 28725"

## 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	1,122	0	2,244	0		0		0		0		0		0		0	
1/4	23	1/4	1,145	1/4	2,268	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	47	1/2	1,169	1/2	2,291	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	70	3/4	1,192	3/4	2,314	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	94	1	1,216	1	2,338	1		1		1		1		1		1		1	
1/4	117	1/4	1,239	1/4	2,361	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	140	1/2	1,262	1/2	2,384	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164	3/4	1,286	3/4	2,408	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	187	2	1,309	2	2,431	2		2		2		2		2		2		2	
1/4	210	1/4	1,332	1/4	2,455	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	234	1/2	1,356	1/2	2,478	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	257	3/4	1,379	3/4	2,501	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	281	3	1,403	3	2,525	3		3		3		3		3		3		3	
1/4	304	1/4	1,426	1/4	2,548	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	327	1/2	1,449	1/2	2,571	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	351	3/4	1,473	3/4	2,595	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	374	4	1,496	4	2,618	4		4		4		4		4		4		4	
1/4	397	1/4	1,519	1/4	2,642	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	421	1/2	1,543	1/2	2,665	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	444	3/4	1,566	3/4	2,688	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	468	5	1,590	5	2,712	5		5		5		5		5		5		5	
1/4	491	1/4	1,613	1/4	2,735	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	514	1/2	1,636	1/2	2,758	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	538	3/4	1,660	3/4	2,782	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	561	6	1,683	6	2,805	6		6		6		6		6		6		6	
1/4	584	1/4	1,706	1/4	2,829	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	608	1/2	1,730	1/2	2,852	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	631	3/4	1,753	3/4	2,875	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	655	7	1,777	7	2,899	7		7		7		7		7		7		7	
1/4	678	1/4	1,800	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	701	1/2	1,823	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	725	3/4	1,847	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	748	8	1,870	8		8		8		8		8		8		8		8	
1/4	771	1/4	1,894	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	795	1/2	1,917	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	818	3/4	1,940	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	842	9	1,964	9		9		9		9		9		9		9		9	
1/4	865	1/4	1,987	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	888	1/2	2,010	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	912	3/4	2,034	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	935	10	2,057	10		10		10		10		10		10		10		10	
1/4	958	1/4	2,081	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	982	1/2	2,104	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,005	3/4	2,127	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	1,029	11	2,151	11		11		11		11		11		11		11		11	
1/4	1,052	1/4	2,174	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,075	1/2	2,197	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,099	3/4	2,221	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: 03/01/2023 JS  
CALCULATED: 03/02/2023 CL  
PRINTED: 03/02/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2023

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