



# BARGE "KIRBY 11015B"

## 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 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

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

LENGTH BETWEEN DRAFT MARKS: 183'-00"

April 18, 2010

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

<http://www.pmacorp.net>



# BARGE "KIRBY 11015B"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0	0	0	0	0	0	0	4,104.00	0	3,816.13	0	3,508.75	0	3,201.37	0	2,893.53	0	2,584.76	0	2,275.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,100.79	1/4	3,809.73	1/4	3,502.35	1/4	3,194.97	1/4	2,887.10	1/4	2,578.32	1/4	2,269.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,097.57	1/2	3,803.32	1/2	3,495.94	1/2	3,188.57	1/2	2,880.67	1/2	2,571.89	1/2	2,263.12		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,094.35	3/4	3,796.92	3/4	3,489.54	3/4	3,182.16	3/4	2,874.23	3/4	2,565.46	3/4	2,256.68		
1	1	1	1	1	1	1	4,091.13	1	3,790.52	1	3,483.14	1	3,175.76	1	2,867.80	1	2,559.03	1	2,250.25		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,085.77	1/4	3,784.11	1/4	3,476.73	1/4	3,169.36	1/4	2,861.37	1/4	2,552.59	1/4	2,243.82		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,080.41	1/2	3,777.71	1/2	3,470.33	1/2	3,162.95	1/2	2,854.93	1/2	2,546.16	1/2	2,237.39		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,075.05	3/4	3,771.30	3/4	3,463.93	3/4	3,156.55	3/4	2,848.50	3/4	2,539.73	3/4	2,230.95		
2	2	2	2	2	2	2	4,069.69	2	3,764.90	2	3,457.52	2	3,150.15	2	2,842.07	2	2,533.29	2	2,224.52		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,063.43	1/4	3,758.50	1/4	3,451.12	1/4	3,143.74	1/4	2,835.64	1/4	2,526.86	1/4	2,218.09		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,057.17	1/2	3,752.09	1/2	3,444.72	1/2	3,137.34	1/2	2,829.20	1/2	2,520.43	1/2	2,211.65		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,050.92	3/4	3,745.69	3/4	3,438.31	3/4	3,130.93	3/4	2,822.77	3/4	2,514.00	3/4	2,205.22		
3	3	3	3	3	3	3	4,044.66	3	3,739.29	3	3,431.91	3	3,124.53	3	2,816.34	3	2,507.56	3	2,198.79		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,038.37	1/4	3,732.88	1/4	3,425.50	1/4	3,118.13	1/4	2,809.91	1/4	2,501.13	1/4	2,192.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,032.07	1/2	3,726.48	1/2	3,419.10	1/2	3,111.72	1/2	2,803.47	1/2	2,494.70	1/2	2,185.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,025.78	3/4	3,720.07	3/4	3,412.70	3/4	3,105.32	3/4	2,797.04	3/4	2,488.27	3/4	2,179.49		
4	4	4	4	4	4	4	4,019.49	4	3,713.67	4	3,406.29	4	3,098.92	4	2,790.61	4	2,481.83	4	2,173.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,013.18	1/4	3,707.27	1/4	3,399.89	1/4	3,092.51	1/4	2,784.17	1/4	2,475.40	1/4	2,166.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,006.87	1/2	3,700.86	1/2	3,393.49	1/2	3,086.11	1/2	2,777.74	1/2	2,468.97	1/2	2,160.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,000.56	3/4	3,694.46	3/4	3,387.08	3/4	3,079.70	3/4	2,771.31	3/4	2,462.53	3/4	2,153.76		
5	5	5	5	5	5	5	3,994.26	5	3,688.06	5	3,380.68	5	3,073.30	5	2,764.88	5	2,456.10	5	2,147.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,987.95	1/4	3,681.65	1/4	3,374.27	1/4	3,066.90	1/4	2,758.44	1/4	2,449.67	1/4	2,140.89		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,981.64	1/2	3,675.25	1/2	3,367.87	1/2	3,060.49	1/2	2,752.01	1/2	2,443.24	1/2	2,134.46		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,975.33	3/4	3,668.84	3/4	3,361.47	3/4	3,054.09	3/4	2,745.58	3/4	2,436.80	3/4	2,128.03		
6	6	6	6	6	6	6	3,969.02	6	3,662.44	6	3,355.06	6	3,047.69	6	2,739.14	6	2,430.37	6	2,121.60		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,962.72	1/4	3,656.04	1/4	3,348.66	1/4	3,041.28	1/4	2,732.71	1/4	2,423.94	1/4	2,115.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,956.41	1/2	3,649.63	1/2	3,342.26	1/2	3,034.88	1/2	2,726.28	1/2	2,417.50	1/2	2,108.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,950.11	3/4	3,643.23	3/4	3,335.85	3/4	3,028.47	3/4	2,719.85	3/4	2,411.07	3/4	2,102.30		
7	7	7	7	7	7	7	3,943.81	7	3,636.83	7	3,329.45	7	3,022.07	7	2,713.41	7	2,404.64	7	2,095.86		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,937.50	1/4	3,630.42	1/4	3,323.04	1/4	3,015.67	1/4	2,706.98	1/4	2,398.21	1/4	2,089.43		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,931.20	1/2	3,624.02	1/2	3,316.64	1/2	3,009.26	1/2	2,700.55	1/2	2,391.77	1/2	2,083.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,924.89	3/4	3,617.62	3/4	3,310.24	3/4	3,002.86	3/4	2,694.11	3/4	2,385.34	3/4	2,076.57		
8	8	8	8	8	8	8	3,918.59	8	3,611.21	8	3,303.83	8	2,996.46	8	2,687.68	8	2,378.91	8	2,070.13		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,912.19	1/4	3,604.81	1/4	3,297.43	1/4	2,990.02	1/4	2,681.25	1/4	2,372.47	1/4	2,063.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,905.78	1/2	3,598.40	1/2	3,291.03	1/2	2,983.59	1/2	2,674.82	1/2	2,366.04	1/2	2,057.27		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,899.38	3/4	3,592.00	3/4	3,284.62	3/4	2,977.16	3/4	2,668.38	3/4	2,359.61	3/4	2,050.83		
9	9	9	9	9	9	9	3,892.97	9	3,585.60	9	3,278.22	9	2,970.73	9	2,661.95	9	2,353.18	9	2,044.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,886.57	1/4	3,579.19	1/4	3,271.82	1/4	2,964.29	1/4	2,655.52	1/4	2,346.74	1/4	2,037.97		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,880.17	1/2	3,572.79	1/2	3,265.41	1/2	2,957.86	1/2	2,649.09	1/2	2,340.31	1/2	2,031.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,873.76	3/4	3,566.39	3/4	3,259.01	3/4	2,951.43	3/4	2,642.65	3/4	2,333.88	3/4	2,025.10		
10	10	10	10	10	10	10	3,867.36	10	3,559.98	10	3,252.60	10	2,944.99	10	2,636.22	10	2,327.45	10	2,018.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,860.96	1/4	3,553.58	1/4	3,246.20	1/4	2,938.56	1/4	2,629.79	1/4	2,321.01	1/4	2,012.24		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,854.55	1/2	3,547.17	1/2	3,239.80	1/2	2,932.13	1/2	2,623.35	1/2	2,314.58	1/2	2,005.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,848.15	3/4	3,540.77	3/4	3,233.39	3/4	2,925.70	3/4	2,616.92	3/4	2,308.15	3/4	1,999.37		
11	11	11	11	11	11	11	4,108.29	11	3,841.74	11	3,534.37	11	3,226.99	11	2,919.26	11	2,610.49	11	2,301.71	11	1,992.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,107.22	1/4	3,835.34	1/4	3,527.96	1/4	3,220.59	1/4	2,912.83	1/4	2,604.06	1/4	2,295.28	1/4	1,986.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,106.15	1/2	3,828.94	1/2	3,521.56	1/2	3,214.18	1/2	2,906.40	1/2	2,597.62	1/2	2,288.85	1/2	1,980.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,105.08	3/4	3,822.53	3/4	3,515.16	3/4	3,207.78	3/4	2,899.96	3/4	2,591.19	3/4	2,282.42	3/4	1,973.64

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 ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "KIRBY 11015B"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	1,967.21	0	1,658.43	0	1,349.49	0	1,041.42	0	733.24	0	424.31	0	115.49	0		0			
1/4	1,960.78	1/4	1,652.00	1/4	1,343.05	1/4	1,035.02	1/4	726.80	1/4	417.88	1/4	109.10	1/4		1/4			
1/2	1,954.34	1/2	1,645.56	1/2	1,336.61	1/2	1,028.62	1/2	720.37	1/2	411.44	1/2	102.70	1/2		1/2			
3/4	1,947.91	3/4	1,639.12	3/4	1,330.18	3/4	1,022.22	3/4	713.93	3/4	405.01	3/4	96.31	3/4		3/4			
1	1,941.48	1	1,632.69	1	1,323.74	1	1,015.82	1	707.50	1	398.57	1	89.91	1		1			
1/4	1,935.04	1/4	1,626.25	1/4	1,317.30	1/4	1,009.42	1/4	701.06	1/4	392.13	1/4	83.55	1/4		1/4			
1/2	1,928.61	1/2	1,619.82	1/2	1,310.87	1/2	1,003.02	1/2	694.63	1/2	385.70	1/2	77.19	1/2		1/2			
3/4	1,922.18	3/4	1,613.38	3/4	1,304.43	3/4	996.62	3/4	688.19	3/4	379.26	3/4	70.83	3/4		3/4			
2	1,915.75	2	1,606.94	2	1,298.00	2	990.22	2	681.75	2	372.83	2	64.47	2		2			
1/4	1,909.31	1/4	1,600.51	1/4	1,291.56	1/4	983.82	1/4	675.32	1/4	366.39	1/4	58.16	1/4		1/4			
1/2	1,902.88	1/2	1,594.07	1/2	1,285.12	1/2	977.42	1/2	668.88	1/2	359.95	1/2	51.86	1/2		1/2			
3/4	1,896.45	3/4	1,587.63	3/4	1,278.69	3/4	971.02	3/4	662.45	3/4	353.52	3/4	45.56	3/4		3/4			
3	1,890.01	3	1,581.20	3	1,272.25	3	964.62	3	656.01	3	347.08	3	39.26	3		3			
1/4	1,883.58	1/4	1,574.76	1/4	1,265.81	1/4	958.22	1/4	649.57	1/4	340.65	1/4	33.90	1/4		1/4			
1/2	1,877.15	1/2	1,568.32	1/2	1,259.38	1/2	951.83	1/2	643.14	1/2	334.21	1/2	28.55	1/2		1/2			
3/4	1,870.72	3/4	1,561.89	3/4	1,252.94	3/4	945.43	3/4	636.70	3/4	327.77	3/4	23.19	3/4		3/4			
4	1,864.28	4	1,555.45	4	1,246.50	4	939.04	4	630.27	4	321.34	4	17.84	4		4			
1/4	1,857.85	1/4	1,549.02	1/4	1,240.07	1/4	932.61	1/4	623.83	1/4	314.90	1/4	14.62	1/4		1/4			
1/2	1,851.42	1/2	1,542.58	1/2	1,233.63	1/2	926.18	1/2	617.39	1/2	308.47	1/2	11.40	1/2		1/2			
3/4	1,844.99	3/4	1,536.14	3/4	1,227.20	3/4	919.75	3/4	610.96	3/4	302.03	3/4	8.19	3/4		3/4			
5	1,838.55	5	1,529.71	5	1,220.76	5	913.31	5	604.52	5	295.59	5	4.97	5		5			
1/4	1,832.12	1/4	1,523.27	1/4	1,214.32	1/4	906.88	1/4	598.09	1/4	289.16	1/4	3.90	1/4		1/4			
1/2	1,825.69	1/2	1,516.83	1/2	1,207.89	1/2	900.45	1/2	591.65	1/2	282.72	1/2	2.82	1/2		1/2			
3/4	1,819.25	3/4	1,510.40	3/4	1,201.45	3/4	894.02	3/4	585.21	3/4	276.29	3/4	1.75	3/4		3/4			
6	1,812.82	6	1,503.96	6	1,195.01	6	887.59	6	578.78	6	269.85	6	0.68	6		6			
1/4	1,806.39	1/4	1,497.52	1/4	1,188.61	1/4	881.16	1/4	572.34	1/4	263.41	1/4		1/4		1/4			
1/2	1,799.96	1/2	1,491.09	1/2	1,182.21	1/2	874.73	1/2	565.91	1/2	256.98	1/2		1/2		1/2			
3/4	1,793.52	3/4	1,484.65	3/4	1,175.81	3/4	868.30	3/4	559.47	3/4	250.54	3/4		3/4		3/4			
7	1,787.09	7	1,478.21	7	1,169.41	7	861.87	7	553.03	7	244.11	7		7		7			
1/4	1,780.66	1/4	1,471.78	1/4	1,163.01	1/4	855.44	1/4	546.60	1/4	237.67	1/4		1/4		1/4			
1/2	1,774.22	1/2	1,465.34	1/2	1,156.61	1/2	849.00	1/2	540.16	1/2	231.23	1/2		1/2		1/2			
3/4	1,767.79	3/4	1,458.91	3/4	1,150.21	3/4	842.57	3/4	533.73	3/4	224.80	3/4		3/4		3/4			
8	1,761.36	8	1,452.47	8	1,143.81	8	836.14	8	527.29	8	218.36	8		8		8			
1/4	1,754.93	1/4	1,446.03	1/4	1,137.41	1/4	829.71	1/4	520.85	1/4	211.93	1/4		1/4		1/4			
1/2	1,748.49	1/2	1,439.60	1/2	1,131.01	1/2	823.28	1/2	514.42	1/2	205.49	1/2		1/2		1/2			
3/4	1,742.06	3/4	1,433.16	3/4	1,124.61	3/4	816.85	3/4	507.98	3/4	199.05	3/4		3/4		3/4			
9	1,735.63	9	1,426.72	9	1,118.21	9	810.42	9	501.55	9	192.62	9		9		9			
1/4	1,729.19	1/4	1,420.29	1/4	1,111.81	1/4	803.99	1/4	495.11	1/4	186.18	1/4		1/4		1/4			
1/2	1,722.76	1/2	1,413.85	1/2	1,105.41	1/2	797.56	1/2	488.67	1/2	179.75	1/2		1/2		1/2			
3/4	1,716.33	3/4	1,407.41	3/4	1,099.01	3/4	791.13	3/4	482.24	3/4	173.31	3/4		3/4		3/4			
10	1,709.90	10	1,400.98	10	1,092.61	10	784.69	10	475.80	10	166.88	10		10		10			
1/4	1,703.46	1/4	1,394.54	1/4	1,086.21	1/4	778.26	1/4	469.37	1/4	160.45	1/4		1/4		1/4			
1/2	1,697.03	1/2	1,388.11	1/2	1,079.81	1/2	771.83	1/2	462.93	1/2	154.02	1/2		1/2		1/2			
3/4	1,690.60	3/4	1,381.67	3/4	1,073.41	3/4	765.40	3/4	456.49	3/4	147.59	3/4		3/4		3/4			
11	1,684.17	11	1,375.23	11	1,067.02	11	758.98	11	450.06	11	141.16	11		11		11			
1/4	1,677.73	1/4	1,368.80	1/4	1,060.62	1/4	752.54	1/4	443.62	1/4	134.74	1/4		1/4		1/4			
1/2	1,671.30	1/2	1,362.36	1/2	1,054.22	1/2	746.11	1/2	437.19	1/2	128.33	1/2		1/2		1/2			
3/4	1,664.87	3/4	1,355.92	3/4	1,047.82	3/4	739.67	3/4	430.75	3/4	121.91	3/4		3/4		3/4			

STRAPPED: 04/16/2010 CL - SW  
CALCULATED: 04/18/2010 CL  
PRINTED: 04/18/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2010

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 11015B"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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			
0		0		0		0	3,928.32	0	3,657.77	0	3,363.34	0	3,068.91	0	2,774.04	0	2,478.22	0	2,182.39		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,927.29	1/4	3,651.64	1/4	3,357.21	1/4	3,062.77	1/4	2,767.88	1/4	2,472.05	1/4	2,176.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,924.21	1/2	3,645.50	1/2	3,351.07	1/2	3,056.64	1/2	2,761.71	1/2	2,465.89	1/2	2,170.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,921.12	3/4	3,639.37	3/4	3,344.94	3/4	3,050.51	3/4	2,755.55	3/4	2,459.73	3/4	2,163.90		
1		1		1		1	3,918.04	1	3,633.24	1	3,338.80	1	3,044.37	1	2,749.39	1	2,453.56	1	2,157.74		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,914.95	1/4	3,627.10	1/4	3,332.67	1/4	3,038.24	1/4	2,743.23	1/4	2,447.40	1/4	2,151.58		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,909.82	1/2	3,620.97	1/2	3,326.54	1/2	3,032.10	1/2	2,737.06	1/2	2,441.24	1/2	2,145.41		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,904.68	3/4	3,614.83	3/4	3,320.40	3/4	3,025.97	3/4	2,730.90	3/4	2,435.08	3/4	2,139.25		
2		2		2		2	3,899.54	2	3,608.70	2	3,314.27	2	3,019.84	2	2,724.74	2	2,428.91	2	2,133.09		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,894.41	1/4	3,602.57	1/4	3,308.13	1/4	3,013.70	1/4	2,718.57	1/4	2,422.75	1/4	2,126.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,888.42	1/2	3,596.43	1/2	3,302.00	1/2	3,007.57	1/2	2,712.41	1/2	2,416.59	1/2	2,120.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,882.43	3/4	3,590.30	3/4	3,295.87	3/4	3,001.43	3/4	2,706.25	3/4	2,410.42	3/4	2,114.60		
3		3		3		3	3,876.44	3	3,584.16	3	3,289.73	3	2,995.30	3	2,700.08	3	2,404.26	3	2,108.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,870.45	1/4	3,578.03	1/4	3,283.60	1/4	2,989.17	1/4	2,693.92	1/4	2,398.10	1/4	2,102.27		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,864.43	1/2	3,571.90	1/2	3,277.46	1/2	2,983.03	1/2	2,687.76	1/2	2,391.93	1/2	2,096.11		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,858.40	3/4	3,565.76	3/4	3,271.33	3/4	2,976.90	3/4	2,681.60	3/4	2,385.77	3/4	2,089.95		
4		4		4		4	3,852.38	4	3,559.63	4	3,265.20	4	2,970.76	4	2,675.43	4	2,379.61	4	2,083.78		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,846.35	1/4	3,553.49	1/4	3,259.06	1/4	2,964.63	1/4	2,669.27	1/4	2,373.45	1/4	2,077.62		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,840.32	1/2	3,547.36	1/2	3,252.93	1/2	2,958.50	1/2	2,663.11	1/2	2,367.28	1/2	2,071.46		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,834.29	3/4	3,541.23	3/4	3,246.79	3/4	2,952.36	3/4	2,656.94	3/4	2,361.12	3/4	2,065.30		
5		5		5		5	3,828.25	5	3,535.09	5	3,240.66	5	2,946.23	5	2,650.78	5	2,354.96	5	2,059.13		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,822.22	1/4	3,528.96	1/4	3,234.53	1/4	2,940.09	1/4	2,644.62	1/4	2,348.79	1/4	2,052.97		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,816.18	1/2	3,522.82	1/2	3,228.39	1/2	2,933.96	1/2	2,638.45	1/2	2,342.63	1/2	2,046.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,810.14	3/4	3,516.69	3/4	3,222.26	3/4	2,927.83	3/4	2,632.29	3/4	2,336.47	3/4	2,040.64		
6		6		6		6	3,804.10	6	3,510.56	6	3,216.12	6	2,921.69	6	2,626.13	6	2,330.30	6	2,034.48		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,798.06	1/4	3,504.42	1/4	3,209.99	1/4	2,915.56	1/4	2,619.97	1/4	2,324.14	1/4	2,028.32		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,792.03	1/2	3,498.29	1/2	3,203.86	1/2	2,909.42	1/2	2,613.80	1/2	2,317.98	1/2	2,022.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,785.99	3/4	3,492.15	3/4	3,197.72	3/4	2,903.29	3/4	2,607.64	3/4	2,311.82	3/4	2,015.99		
7		7		7		7	3,779.96	7	3,486.02	7	3,191.59	7	2,897.16	7	2,601.48	7	2,305.65	7	2,009.83		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,773.92	1/4	3,479.89	1/4	3,185.45	1/4	2,891.02	1/4	2,595.31	1/4	2,299.49	1/4	2,003.67		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,767.89	1/2	3,473.75	1/2	3,179.32	1/2	2,884.89	1/2	2,589.15	1/2	2,293.33	1/2	1,997.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,761.85	3/4	3,467.62	3/4	3,173.19	3/4	2,878.75	3/4	2,582.99	3/4	2,287.16	3/4	1,991.34		
8		8		8		8	3,755.82	8	3,461.48	8	3,167.05	8	2,872.62	8	2,576.82	8	2,281.00	8	1,985.18		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,749.78	1/4	3,455.35	1/4	3,160.92	1/4	2,866.49	1/4	2,570.66	1/4	2,274.84	1/4	1,979.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,743.65	1/2	3,449.22	1/2	3,154.78	1/2	2,860.32	1/2	2,564.50	1/2	2,268.67	1/2	1,972.85		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,737.51	3/4	3,443.08	3/4	3,148.65	3/4	2,854.16	3/4	2,558.34	3/4	2,262.51	3/4	1,966.69		
9		9		9		9	3,731.38	9	3,436.95	9	3,142.52	9	2,848.00	9	2,552.17	9	2,256.35	9	1,960.52		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,725.25	1/4	3,430.81	1/4	3,136.38	1/4	2,841.83	1/4	2,546.01	1/4	2,250.19	1/4	1,954.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,719.11	1/2	3,424.68	1/2	3,130.25	1/2	2,835.67	1/2	2,539.85	1/2	2,244.02	1/2	1,948.20		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,712.98	3/4	3,418.55	3/4	3,124.11	3/4	2,829.51	3/4	2,533.68	3/4	2,237.86	3/4	1,942.04		
10		10		10		10	3,706.84	10	3,412.41	10	3,117.98	10	2,823.34	10	2,527.52	10	2,231.70	10	1,935.87		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,700.71	1/4	3,406.28	1/4	3,111.85	1/4	2,817.18	1/4	2,521.36	1/4	2,225.53	1/4	1,929.71		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,694.58	1/2	3,400.14	1/2	3,105.71	1/2	2,811.02	1/2	2,515.19	1/2	2,219.37	1/2	1,923.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,688.44	3/4	3,394.01	3/4	3,099.58	3/4	2,804.86	3/4	2,509.03	3/4	2,213.21	3/4	1,917.38		
11		11		11		11	3,682.31	11	3,387.88	11	3,093.44	11	2,798.69	11	2,502.87	11	2,207.04	11	1,911.22		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,931.40	1/4	3,676.17	1/4	3,381.74	1/4	3,087.31	1/4	2,792.53	1/4	2,496.71	1/4	2,200.88	1/4	1,905.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,930.37	1/2	3,670.04	1/2	3,375.61	1/2	3,081.18	1/2	2,786.37	1/2	2,490.54	1/2	2,194.72	1/2	1,898.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,929.34	3/4	3,663.91	3/4	3,369.47	3/4	3,075.04	3/4	2,780.20	3/4	2,484.38	3/4	2,188.56	3/4	1,892.73

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 ON CENTERLINE AND 32'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 11015B"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,866.57	0	1,590.74	0	1,294.75	0	1,000.53	0	708.65	0	412.72	0	116.83	0		0		0	
1/4	1,880.41	1/4	1,584.58	1/4	1,288.58	1/4	994.45	1/4	702.53	1/4	406.55	1/4	110.68	1/4		1/4		1/4	
1/2	1,874.24	1/2	1,578.42	1/2	1,282.41	1/2	988.36	1/2	696.36	1/2	400.39	1/2	104.55	1/2		1/2		1/2	
3/4	1,868.08	3/4	1,572.25	3/4	1,276.25	3/4	982.28	3/4	690.20	3/4	394.22	3/4	98.43	3/4		3/4		3/4	
1	1,861.92	1	1,566.08	1	1,270.08	1	976.20	1	684.03	1	388.06	1	92.30	1		1		1	
1/4	1,855.75	1/4	1,559.91	1/4	1,263.91	1/4	970.12	1/4	677.87	1/4	381.89	1/4	86.17	1/4		1/4		1/4	
1/2	1,849.59	1/2	1,553.75	1/2	1,257.75	1/2	964.04	1/2	671.70	1/2	375.72	1/2	80.08	1/2		1/2		1/2	
3/4	1,843.43	3/4	1,547.58	3/4	1,251.58	3/4	957.96	3/4	665.53	3/4	369.56	3/4	73.98	3/4		3/4		3/4	
2	1,837.26	2	1,541.41	2	1,245.41	2	951.87	2	659.37	2	363.39	2	67.89	2		2		2	
1/4	1,831.10	1/4	1,535.25	1/4	1,239.25	1/4	945.79	1/4	653.20	1/4	357.22	1/4	61.79	1/4		1/4		1/4	
1/2	1,824.94	1/2	1,529.08	1/2	1,233.08	1/2	939.71	1/2	647.04	1/2	351.06	1/2	55.75	1/2		1/2		1/2	
3/4	1,818.78	3/4	1,522.91	3/4	1,226.91	3/4	933.63	3/4	640.87	3/4	344.89	3/4	49.71	3/4		3/4		3/4	
3	1,812.61	3	1,516.75	3	1,220.75	3	927.55	3	634.70	3	338.73	3	43.68	3		3		3	
1/4	1,806.45	1/4	1,510.58	1/4	1,214.58	1/4	921.46	1/4	628.54	1/4	332.56	1/4	37.64	1/4		1/4		1/4	
1/2	1,800.29	1/2	1,504.41	1/2	1,208.41	1/2	915.39	1/2	622.37	1/2	326.39	1/2	32.51	1/2		1/2		1/2	
3/4	1,794.12	3/4	1,498.25	3/4	1,202.25	3/4	909.31	3/4	616.20	3/4	320.23	3/4	27.38	3/4		3/4		3/4	
4	1,787.96	4	1,492.08	4	1,196.08	4	903.23	4	610.04	4	314.06	4	22.25	4		4		4	
1/4	1,781.80	1/4	1,485.91	1/4	1,189.91	1/4	897.16	1/4	603.87	1/4	307.89	1/4	17.12	1/4		1/4		1/4	
1/2	1,775.63	1/2	1,479.75	1/2	1,183.75	1/2	891.08	1/2	597.71	1/2	301.73	1/2	14.04	1/2		1/2		1/2	
3/4	1,769.47	3/4	1,473.58	3/4	1,177.58	3/4	885.00	3/4	591.54	3/4	295.56	3/4	10.95	3/4		3/4		3/4	
5	1,763.31	5	1,467.41	5	1,171.41	5	878.93	5	585.37	5	289.40	5	7.87	5		5		5	
1/4	1,757.15	1/4	1,461.25	1/4	1,165.25	1/4	872.85	1/4	579.21	1/4	283.23	1/4	4.79	1/4		1/4		1/4	
1/2	1,750.98	1/2	1,455.08	1/2	1,159.08	1/2	866.78	1/2	573.04	1/2	277.06	1/2	3.76	1/2		1/2		1/2	
3/4	1,744.82	3/4	1,448.91	3/4	1,152.91	3/4	860.70	3/4	566.88	3/4	270.90	3/4	2.73	3/4		3/4		3/4	
6	1,738.66	6	1,442.75	6	1,146.75	6	854.62	6	560.71	6	264.73	6	1.71	6		6		6	
1/4	1,732.49	1/4	1,436.58	1/4	1,140.58	1/4	848.55	1/4	554.54	1/4	258.57	1/4	0.68	1/4		1/4		1/4	
1/2	1,726.33	1/2	1,430.41	1/2	1,134.46	1/2	842.47	1/2	548.38	1/2	252.40	1/2		1/2		1/2		1/2	
3/4	1,720.17	3/4	1,424.25	3/4	1,128.33	3/4	836.39	3/4	542.21	3/4	246.23	3/4		3/4		3/4		3/4	
7	1,714.00	7	1,418.08	7	1,122.21	7	830.32	7	536.04	7	240.07	7		7		7		7	
1/4	1,707.84	1/4	1,411.91	1/4	1,116.08	1/4	824.24	1/4	529.88	1/4	233.90	1/4		1/4		1/4		1/4	
1/2	1,701.68	1/2	1,405.75	1/2	1,110.00	1/2	818.16	1/2	523.71	1/2	227.73	1/2		1/2		1/2		1/2	
3/4	1,695.52	3/4	1,399.58	3/4	1,103.92	3/4	812.09	3/4	517.55	3/4	221.57	3/4		3/4		3/4		3/4	
8	1,689.35	8	1,393.41	8	1,097.84	8	806.01	8	511.38	8	215.40	8		8		8		8	
1/4	1,683.19	1/4	1,387.25	1/4	1,091.76	1/4	799.93	1/4	505.21	1/4	209.24	1/4		1/4		1/4		1/4	
1/2	1,677.03	1/2	1,381.08	1/2	1,085.68	1/2	793.86	1/2	499.05	1/2	203.07	1/2		1/2		1/2		1/2	
3/4	1,670.86	3/4	1,374.91	3/4	1,079.59	3/4	787.78	3/4	492.88	3/4	196.90	3/4		3/4		3/4		3/4	
9	1,664.70	9	1,368.75	9	1,073.51	9	781.70	9	486.71	9	190.74	9		9		9		9	
1/4	1,658.54	1/4	1,362.58	1/4	1,067.43	1/4	775.63	1/4	480.55	1/4	184.57	1/4		1/4		1/4		1/4	
1/2	1,652.37	1/2	1,356.41	1/2	1,061.35	1/2	769.55	1/2	474.38	1/2	178.41	1/2		1/2		1/2		1/2	
3/4	1,646.21	3/4	1,350.25	3/4	1,055.27	3/4	763.47	3/4	468.22	3/4	172.24	3/4		3/4		3/4		3/4	
10	1,640.05	10	1,344.08	10	1,049.18	10	757.40	10	462.05	10	166.07	10		10		10		10	
1/4	1,633.89	1/4	1,337.91	1/4	1,043.10	1/4	751.32	1/4	455.88	1/4	159.91	1/4		1/4		1/4		1/4	
1/2	1,627.72	1/2	1,331.75	1/2	1,037.02	1/2	745.25	1/2	449.72	1/2	153.75	1/2		1/2		1/2		1/2	
3/4	1,621.56	3/4	1,325.58	3/4	1,030.94	3/4	739.17	3/4	443.55	3/4	147.59	3/4		3/4		3/4		3/4	
11	1,615.40	11	1,319.41	11	1,024.86	11	733.10	11	437.39	11	141.43	11		11		11		11	
1/4	1,609.23	1/4	1,313.25	1/4	1,018.77	1/4	727.02	1/4	431.22	1/4	135.27	1/4		1/4		1/4		1/4	
1/2	1,603.07	1/2	1,307.08	1/2	1,012.69	1/2	720.90	1/2	425.05	1/2	129.12	1/2		1/2		1/2		1/2	
3/4	1,596.91	3/4	1,300.91	3/4	1,006.61	3/4	714.77	3/4	418.89	3/4	122.97	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/16/2010 CL - SW  
CALCULATED: 04/18/2010 CL  
PRINTED: 04/18/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2010

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



# BARGE "KIRBY 11015B"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	3,532.96	0	3,339.91	0	3,145.89	0	2,951.88	0	2,739.06	0	2,446.47	0	2,153.24		
1/4		1/4		1/4		1/4	3,529.89	1/4	3,335.87	1/4	3,141.85	1/4	2,947.84	1/4	2,732.97	1/4	2,440.36	1/4	2,147.13		
1/2		1/2		1/2		1/2	3,526.82	1/2	3,331.83	1/2	3,137.81	1/2	2,943.79	1/2	2,726.88	1/2	2,434.26	1/2	2,141.02		
3/4		3/4		3/4		3/4	3,523.76	3/4	3,327.78	3/4	3,133.77	3/4	2,939.75	3/4	2,720.79	3/4	2,428.15	3/4	2,134.91		
1		1		1		1	3,518.65	1	3,323.74	1	3,129.73	1	2,935.71	1	2,714.70	1	2,422.04	1	2,128.80		
1/4		1/4		1/4		1/4	3,513.54	1/4	3,319.70	1/4	3,125.68	1/4	2,931.67	1/4	2,708.61	1/4	2,415.93	1/4	2,122.69		
1/2		1/2		1/2		1/2	3,508.43	1/2	3,315.66	1/2	3,121.64	1/2	2,927.63	1/2	2,702.52	1/2	2,409.82	1/2	2,116.58		
3/4		3/4		3/4		3/4	3,503.32	3/4	3,311.62	3/4	3,117.60	3/4	2,923.58	3/4	2,696.43	3/4	2,403.71	3/4	2,110.47		
2		2		2		2	3,499.41	2	3,307.57	2	3,113.56	2	2,919.54	2	2,690.34	2	2,397.60	2	2,104.36		
1/4		1/4		1/4		1/4	3,495.50	1/4	3,303.53	1/4	3,109.52	1/4	2,915.50	1/4	2,684.25	1/4	2,391.49	1/4	2,098.26		
1/2		1/2		1/2		1/2	3,491.59	1/2	3,299.49	1/2	3,105.47	1/2	2,911.46	1/2	2,678.15	1/2	2,385.38	1/2	2,092.15		
3/4		3/4		3/4		3/4	3,487.69	3/4	3,295.45	3/4	3,101.43	3/4	2,907.42	3/4	2,672.06	3/4	2,379.27	3/4	2,086.04		
3		3		3		3	3,483.74	3	3,291.41	3	3,097.39	3	2,903.37	3	2,665.97	3	2,373.16	3	2,079.93		
1/4		1/4		1/4		1/4	3,479.80	1/4	3,287.36	1/4	3,093.35	1/4	2,899.33	1/4	2,659.88	1/4	2,367.06	1/4	2,073.82		
1/2		1/2		1/2		1/2	3,475.86	1/2	3,283.32	1/2	3,089.31	1/2	2,895.29	1/2	2,653.79	1/2	2,360.95	1/2	2,067.71		
3/4		3/4		3/4		3/4	3,471.91	3/4	3,279.28	3/4	3,085.26	3/4	2,891.25	3/4	2,647.70	3/4	2,354.84	3/4	2,061.60		
4		4		4		4	3,467.96	4	3,275.24	4	3,081.22	4	2,887.21	4	2,641.61	4	2,348.73	4	2,055.49		
1/4		1/4		1/4		1/4	3,464.00	1/4	3,271.20	1/4	3,077.18	1/4	2,883.16	1/4	2,635.52	1/4	2,342.62	1/4	2,049.38		
1/2		1/2		1/2		1/2	3,460.05	1/2	3,267.15	1/2	3,073.14	1/2	2,879.12	1/2	2,629.43	1/2	2,336.51	1/2	2,043.27		
3/4		3/4		3/4		3/4	3,456.09	3/4	3,263.11	3/4	3,069.10	3/4	2,875.08	3/4	2,623.34	3/4	2,330.40	3/4	2,037.16		
5		5		5		5	3,452.13	5	3,259.07	5	3,065.05	5	2,871.04	5	2,617.25	5	2,324.29	5	2,031.05		
1/4		1/4		1/4		1/4	3,448.18	1/4	3,255.03	1/4	3,061.01	1/4	2,867.00	1/4	2,611.16	1/4	2,318.18	1/4	2,024.95		
1/2		1/2		1/2		1/2	3,444.22	1/2	3,250.99	1/2	3,056.97	1/2	2,862.95	1/2	2,605.07	1/2	2,312.07	1/2	2,018.84		
3/4		3/4		3/4		3/4	3,440.26	3/4	3,246.94	3/4	3,052.93	3/4	2,858.91	3/4	2,598.98	3/4	2,305.96	3/4	2,012.73		
6		6		6		6	3,436.31	6	3,242.90	6	3,048.89	6	2,854.87	6	2,592.89	6	2,299.86	6	2,006.62		
1/4		1/4		1/4		1/4	3,432.35	1/4	3,238.86	1/4	3,044.84	1/4	2,850.83	1/4	2,586.80	1/4	2,293.75	1/4	2,000.51		
1/2		1/2		1/2		1/2	3,428.40	1/2	3,234.82	1/2	3,040.80	1/2	2,846.79	1/2	2,580.71	1/2	2,287.64	1/2	1,994.40		
3/4		3/4		3/4		3/4	3,424.44	3/4	3,230.78	3/4	3,036.76	3/4	2,842.74	3/4	2,574.62	3/4	2,281.53	3/4	1,988.29		
7		7		7		7	3,420.49	7	3,226.73	7	3,032.72	7	2,838.70	7	2,568.53	7	2,275.42	7	1,982.18		
1/4		1/4		1/4		1/4	3,416.53	1/4	3,222.69	1/4	3,028.68	1/4	2,834.66	1/4	2,562.44	1/4	2,269.31	1/4	1,976.07		
1/2		1/2		1/2		1/2	3,412.58	1/2	3,218.65	1/2	3,024.63	1/2	2,830.62	1/2	2,556.34	1/2	2,263.20	1/2	1,969.96		
3/4		3/4		3/4		3/4	3,408.62	3/4	3,214.61	3/4	3,020.59	3/4	2,826.58	3/4	2,550.25	3/4	2,257.09	3/4	1,963.85		
8		8		8		8	3,404.58	8	3,210.57	8	3,016.55	8	2,822.51	8	2,544.16	8	2,250.98	8	1,957.75		
1/4		1/4		1/4		1/4	3,400.54	1/4	3,206.52	1/4	3,012.51	1/4	2,818.44	1/4	2,538.07	1/4	2,244.87	1/4	1,951.64		
1/2		1/2		1/2		1/2	3,396.50	1/2	3,202.48	1/2	3,008.47	1/2	2,814.37	1/2	2,531.98	1/2	2,238.76	1/2	1,945.53		
3/4		3/4		3/4		3/4	3,392.46	3/4	3,198.44	3/4	3,004.42	3/4	2,810.31	3/4	2,525.89	3/4	2,232.66	3/4	1,939.42		
9		9		9		9	3,388.41	9	3,194.40	9	3,000.38	9	2,806.24	9	2,519.78	9	2,226.55	9	1,933.31		
1/4		1/4		1/4		1/4	3,384.37	1/4	3,190.36	1/4	2,996.34	1/4	2,802.17	1/4	2,513.67	1/4	2,220.44	1/4	1,927.20		
1/2		1/2		1/2		1/2	3,380.33	1/2	3,186.31	1/2	2,992.30	1/2	2,798.11	1/2	2,507.56	1/2	2,214.33	1/2	1,921.09		
3/4		3/4		3/4		3/4	3,376.29	3/4	3,182.27	3/4	2,988.26	3/4	2,794.04	3/4	2,501.46	3/4	2,208.22	3/4	1,914.98		
10		10		10		10	3,372.25	10	3,178.23	10	2,984.21	10	2,787.91	10	2,495.35	10	2,202.11	10	1,908.87		
1/4		1/4		1/4		1/4	3,368.20	1/4	3,174.19	1/4	2,980.17	1/4	2,781.78	1/4	2,489.24	1/4	2,196.00	1/4	1,902.76		
1/2		1/2		1/2		1/2	3,364.16	1/2	3,170.15	1/2	2,976.13	1/2	2,775.64	1/2	2,483.13	1/2	2,189.89	1/2	1,896.65		
3/4		3/4		3/4		3/4	3,360.12	3/4	3,166.10	3/4	2,972.09	3/4	2,769.51	3/4	2,477.02	3/4	2,183.78	3/4	1,890.55		
11		11		11		11	3,539.09	11	3,356.08	11	3,162.06	11	2,968.05	11	2,763.42	11	2,470.91	11	2,177.67	11	1,884.44
1/4		1/4		1/4		1/4	3,538.07	1/4	3,352.04	1/4	3,158.02	1/4	2,964.00	1/4	2,757.33	1/4	2,464.80	1/4	2,171.56	1/4	1,878.33
1/2		1/2		1/2		1/2	3,537.05	1/2	3,347.99	1/2	3,153.98	1/2	2,959.96	1/2	2,751.24	1/2	2,458.69	1/2	2,165.46	1/2	1,872.22
3/4		3/4		3/4		3/4	3,536.03	3/4	3,343.95	3/4	3,149.94	3/4	2,955.92	3/4	2,745.15	3/4	2,452.58	3/4	2,159.35	3/4	1,866.11

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 ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 11015B"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	1,860.00	0	1,566.51	0	1,272.86	0	979.22	0	691.62	0	397.83	0	104.01	0		0			
1/4	1,853.89	1/4	1,560.39	1/4	1,266.74	1/4	973.10	1/4	685.52	1/4	391.70	1/4	97.91	1/4		1/4			
1/2	1,847.78	1/2	1,554.27	1/2	1,260.63	1/2	966.98	1/2	679.42	1/2	385.58	1/2	91.82	1/2		1/2			
3/4	1,841.67	3/4	1,548.15	3/4	1,254.51	3/4	960.86	3/4	673.31	3/4	379.46	3/4	85.72	3/4		3/4			
1	1,835.56	1	1,542.04	1	1,248.39	1	954.81	1	667.19	1	373.34	1	79.66	1		1			
1/4	1,829.45	1/4	1,535.92	1/4	1,242.27	1/4	948.76	1/4	661.07	1/4	367.22	1/4	73.60	1/4		1/4			
1/2	1,823.35	1/2	1,529.80	1/2	1,236.16	1/2	942.70	1/2	654.95	1/2	361.09	1/2	67.53	1/2		1/2			
3/4	1,817.24	3/4	1,523.68	3/4	1,230.04	3/4	936.65	3/4	648.83	3/4	354.97	3/4	61.47	3/4		3/4			
2	1,811.13	2	1,517.57	2	1,223.92	2	930.65	2	642.71	2	348.85	2	55.46	2		2			
1/4	1,805.02	1/4	1,511.45	1/4	1,217.80	1/4	924.66	1/4	636.58	1/4	342.73	1/4	49.46	1/4		1/4			
1/2	1,798.91	1/2	1,505.33	1/2	1,211.69	1/2	918.67	1/2	630.46	1/2	336.61	1/2	43.45	1/2		1/2			
3/4	1,792.80	3/4	1,499.21	3/4	1,205.57	3/4	912.68	3/4	624.34	3/4	330.48	3/4	37.44	3/4		3/4			
3	1,786.68	3	1,493.10	3	1,199.45	3	906.69	3	618.22	3	324.36	3	32.34	3		3			
1/4	1,780.57	1/4	1,486.98	1/4	1,193.33	1/4	900.70	1/4	612.10	1/4	318.24	1/4	27.24	1/4		1/4			
1/2	1,774.45	1/2	1,480.86	1/2	1,187.22	1/2	894.71	1/2	605.97	1/2	312.12	1/2	22.14	1/2		1/2			
3/4	1,768.33	3/4	1,474.74	3/4	1,181.10	3/4	888.72	3/4	599.85	3/4	306.00	3/4	17.03	3/4		3/4			
4	1,762.21	4	1,468.63	4	1,174.98	4	882.74	4	593.73	4	299.87	4	13.97	4		4			
1/4	1,756.10	1/4	1,462.51	1/4	1,168.86	1/4	876.77	1/4	587.61	1/4	293.75	1/4	10.90	1/4		1/4			
1/2	1,749.98	1/2	1,456.39	1/2	1,162.75	1/2	870.79	1/2	581.49	1/2	287.63	1/2	7.83	1/2		1/2			
3/4	1,743.86	3/4	1,450.27	3/4	1,156.63	3/4	864.82	3/4	575.36	3/4	281.51	3/4	4.77	3/4		3/4			
5	1,737.74	5	1,444.16	5	1,150.51	5	858.86	5	569.24	5	275.39	5	3.75	5		5			
1/4	1,731.63	1/4	1,438.04	1/4	1,144.39	1/4	852.90	1/4	563.12	1/4	269.26	1/4	2.72	1/4		1/4			
1/2	1,725.51	1/2	1,431.92	1/2	1,138.28	1/2	846.94	1/2	557.00	1/2	263.14	1/2	1.70	1/2		1/2			
3/4	1,719.39	3/4	1,425.80	3/4	1,132.16	3/4	840.98	3/4	550.88	3/4	257.02	3/4	0.68	3/4		3/4			
6	1,713.27	6	1,419.68	6	1,126.04	6	835.03	6	544.75	6	250.90	6		6		6			
1/4	1,707.16	1/4	1,413.57	1/4	1,119.92	1/4	829.07	1/4	538.63	1/4	244.78	1/4		1/4		1/4			
1/2	1,701.04	1/2	1,407.45	1/2	1,113.80	1/2	823.11	1/2	532.51	1/2	238.65	1/2		1/2		1/2			
3/4	1,694.92	3/4	1,401.33	3/4	1,107.69	3/4	817.15	3/4	526.39	3/4	232.53	3/4		3/4		3/4			
7	1,688.81	7	1,395.21	7	1,101.57	7	811.19	7	520.27	7	226.41	7		7		7			
1/4	1,682.69	1/4	1,389.10	1/4	1,095.45	1/4	805.23	1/4	514.14	1/4	220.29	1/4		1/4		1/4			
1/2	1,676.58	1/2	1,382.98	1/2	1,089.33	1/2	799.28	1/2	508.02	1/2	214.17	1/2		1/2		1/2			
3/4	1,670.46	3/4	1,376.86	3/4	1,083.22	3/4	793.32	3/4	501.90	3/4	208.04	3/4		3/4		3/4			
8	1,664.35	8	1,370.74	8	1,077.10	8	787.36	8	495.78	8	201.92	8		8		8			
1/4	1,658.23	1/4	1,364.63	1/4	1,070.98	1/4	781.40	1/4	489.66	1/4	195.80	1/4		1/4		1/4			
1/2	1,652.12	1/2	1,358.51	1/2	1,064.86	1/2	775.44	1/2	483.53	1/2	189.68	1/2		1/2		1/2			
3/4	1,646.00	3/4	1,352.39	3/4	1,058.75	3/4	769.48	3/4	477.41	3/4	183.56	3/4		3/4		3/4			
9	1,639.89	9	1,346.27	9	1,052.63	9	763.53	9	471.29	9	177.44	9		9		9			
1/4	1,633.77	1/4	1,340.16	1/4	1,046.51	1/4	757.57	1/4	465.17	1/4	171.31	1/4		1/4		1/4			
1/2	1,627.66	1/2	1,334.04	1/2	1,040.39	1/2	751.61	1/2	459.05	1/2	165.19	1/2		1/2		1/2			
3/4	1,621.54	3/4	1,327.92	3/4	1,034.28	3/4	745.65	3/4	452.92	3/4	159.07	3/4		3/4		3/4			
10	1,615.43	10	1,321.80	10	1,028.16	10	739.69	10	446.80	10	152.94	10		10		10			
1/4	1,609.31	1/4	1,315.69	1/4	1,022.04	1/4	733.73	1/4	440.68	1/4	146.82	1/4		1/4		1/4			
1/2	1,603.20	1/2	1,309.57	1/2	1,015.92	1/2	727.78	1/2	434.56	1/2	140.69	1/2		1/2		1/2			
3/4	1,597.08	3/4	1,303.45	3/4	1,009.81	3/4	721.82	3/4	428.44	3/4	134.56	3/4		3/4		3/4			
11	1,590.97	11	1,297.33	11	1,003.69	11	715.79	11	422.31	11	128.45	11		11		11			
1/4	1,584.85	1/4	1,291.22	1/4	997.57	1/4	709.77	1/4	416.19	1/4	122.33	1/4		1/4		1/4			
1/2	1,578.74	1/2	1,285.10	1/2	991.45	1/2	703.75	1/2	410.07	1/2	116.22	1/2		1/2		1/2			
3/4	1,572.62	3/4	1,278.98	3/4	985.34	3/4	697.73	3/4	403.95	3/4	110.10	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/16/2010 CL - SW  
CALCULATED: 04/18/2010 CL  
PRINTED: 04/18/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2010

PRECISION MEASUREMENT  
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