



# BARGE "KIRBY 10244"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

August 29, 2012

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

<http://www.pmacorp.net>



# BARGE "KIRBY 10244"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

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	3,758.52	0	3,525.16	0	3,272.44	0	3,019.73	0	2,756.92	0	2,461.46	0	2,165.38
1/4		1/4		1/4		1/4	3,757.49	1/4	3,519.89	1/4	3,267.18	1/4	3,014.46	1/4	2,750.77	1/4	2,455.29	1/4	2,159.22
1/2		1/2		1/2		1/2	3,754.39	1/2	3,514.63	1/2	3,261.91	1/2	3,009.20	1/2	2,744.62	1/2	2,449.12	1/2	2,153.05
3/4		3/4		3/4		3/4	3,751.30	3/4	3,509.36	3/4	3,256.65	3/4	3,003.93	3/4	2,738.47	3/4	2,442.95	3/4	2,146.88
1		1		1		1	3,748.20	1	3,504.10	1	3,251.38	1	2,998.67	1	2,732.32	1	2,436.79	1	2,140.71
1/4		1/4		1/4		1/4	3,745.10	1/4	3,498.83	1/4	3,246.12	1/4	2,993.40	1/4	2,726.17	1/4	2,430.62	1/4	2,134.54
1/2		1/2		1/2		1/2	3,740.96	1/2	3,493.57	1/2	3,240.85	1/2	2,988.14	1/2	2,720.02	1/2	2,424.45	1/2	2,128.38
3/4		3/4		3/4		3/4	3,736.81	3/4	3,488.30	3/4	3,235.59	3/4	2,982.87	3/4	2,713.87	3/4	2,418.28	3/4	2,122.21
2		2		2		2	3,732.66	2	3,483.04	2	3,230.32	2	2,977.61	2	2,707.72	2	2,412.11	2	2,116.04
1/4		1/4		1/4		1/4	3,728.52	1/4	3,477.77	1/4	3,225.06	1/4	2,972.34	1/4	2,701.57	1/4	2,405.94	1/4	2,109.87
1/2		1/2		1/2		1/2	3,723.39	1/2	3,472.51	1/2	3,219.79	1/2	2,967.08	1/2	2,695.42	1/2	2,399.78	1/2	2,103.70
3/4		3/4		3/4		3/4	3,718.26	3/4	3,467.24	3/4	3,214.53	3/4	2,961.81	3/4	2,689.27	3/4	2,393.61	3/4	2,097.53
3		3		3		3	3,713.12	3	3,461.98	3	3,209.26	3	2,956.55	3	2,683.12	3	2,387.44	3	2,091.37
1/4		1/4		1/4		1/4	3,707.99	1/4	3,456.71	1/4	3,204.00	1/4	2,951.28	1/4	2,676.97	1/4	2,381.27	1/4	2,085.20
1/2		1/2		1/2		1/2	3,702.83	1/2	3,451.45	1/2	3,198.73	1/2	2,946.02	1/2	2,670.82	1/2	2,375.10	1/2	2,079.03
3/4		3/4		3/4		3/4	3,697.66	3/4	3,446.18	3/4	3,193.47	3/4	2,940.75	3/4	2,664.67	3/4	2,368.94	3/4	2,072.86
4		4		4		4	3,692.50	4	3,440.92	4	3,188.20	4	2,935.49	4	2,658.52	4	2,362.77	4	2,066.69
1/4		1/4		1/4		1/4	3,687.33	1/4	3,435.65	1/4	3,182.94	1/4	2,930.22	1/4	2,652.37	1/4	2,356.60	1/4	2,060.53
1/2		1/2		1/2		1/2	3,682.15	1/2	3,430.39	1/2	3,177.67	1/2	2,924.96	1/2	2,646.23	1/2	2,350.43	1/2	2,054.36
3/4		3/4		3/4		3/4	3,676.97	3/4	3,425.12	3/4	3,172.41	3/4	2,919.69	3/4	2,640.08	3/4	2,344.26	3/4	2,048.19
5		5		5		5	3,671.79	5	3,419.86	5	3,167.14	5	2,914.43	5	2,633.93	5	2,338.09	5	2,042.02
1/4		1/4		1/4		1/4	3,666.61	1/4	3,414.60	1/4	3,161.88	1/4	2,909.16	1/4	2,627.78	1/4	2,331.93	1/4	2,035.85
1/2		1/2		1/2		1/2	3,661.43	1/2	3,409.33	1/2	3,156.61	1/2	2,903.90	1/2	2,621.63	1/2	2,325.76	1/2	2,029.68
3/4		3/4		3/4		3/4	3,656.25	3/4	3,404.07	3/4	3,151.35	3/4	2,898.63	3/4	2,615.48	3/4	2,319.59	3/4	2,023.52
6		6		6		6	3,651.08	6	3,398.80	6	3,146.09	6	2,893.37	6	2,609.33	6	2,313.42	6	2,017.35
1/4		1/4		1/4		1/4	3,645.90	1/4	3,393.54	1/4	3,140.82	1/4	2,888.11	1/4	2,603.18	1/4	2,307.25	1/4	2,011.18
1/2		1/2		1/2		1/2	3,640.72	1/2	3,388.27	1/2	3,135.56	1/2	2,882.84	1/2	2,597.03	1/2	2,301.08	1/2	2,005.01
3/4		3/4		3/4		3/4	3,635.55	3/4	3,383.01	3/4	3,130.29	3/4	2,877.58	3/4	2,590.88	3/4	2,294.92	3/4	1,998.84
7		7		7		7	3,630.37	7	3,377.74	7	3,125.03	7	2,872.31	7	2,584.73	7	2,288.75	7	1,992.67
1/4		1/4		1/4		1/4	3,625.19	1/4	3,372.48	1/4	3,119.76	1/4	2,867.05	1/4	2,578.58	1/4	2,282.58	1/4	1,986.51
1/2		1/2		1/2		1/2	3,619.93	1/2	3,367.21	1/2	3,114.50	1/2	2,861.76	1/2	2,572.43	1/2	2,276.41	1/2	1,980.34
3/4		3/4		3/4		3/4	3,614.66	3/4	3,361.95	3/4	3,109.23	3/4	2,856.47	3/4	2,566.28	3/4	2,270.24	3/4	1,974.17
8		8		8		8	3,609.40	8	3,356.68	8	3,103.97	8	2,851.18	8	2,560.13	8	2,264.08	8	1,968.00
1/4		1/4		1/4		1/4	3,604.13	1/4	3,351.42	1/4	3,098.70	1/4	2,845.89	1/4	2,553.98	1/4	2,257.91	1/4	1,961.83
1/2		1/2		1/2		1/2	3,598.87	1/2	3,346.15	1/2	3,093.44	1/2	2,840.60	1/2	2,547.81	1/2	2,251.74	1/2	1,955.67
3/4		3/4		3/4		3/4	3,593.60	3/4	3,340.89	3/4	3,088.17	3/4	2,835.31	3/4	2,541.64	3/4	2,245.57	3/4	1,949.50
9		9		9		9	3,588.34	9	3,335.62	9	3,082.91	9	2,830.02	9	2,535.48	9	2,239.40	9	1,943.33
1/4		1/4		1/4		1/4	3,583.07	1/4	3,330.36	1/4	3,077.64	1/4	2,824.73	1/4	2,529.31	1/4	2,233.23	1/4	1,937.16
1/2		1/2		1/2		1/2	3,577.81	1/2	3,325.09	1/2	3,072.38	1/2	2,818.54	1/2	2,523.14	1/2	2,227.07	1/2	1,930.99
3/4		3/4		3/4		3/4	3,572.54	3/4	3,319.83	3/4	3,067.11	3/4	2,812.35	3/4	2,516.97	3/4	2,220.90	3/4	1,924.82
10		10		10		10	3,567.28	10	3,314.56	10	3,061.85	10	2,806.16	10	2,510.80	10	2,214.73	10	1,918.66
1/4		1/4		1/4		1/4	3,562.01	1/4	3,309.30	1/4	3,056.58	1/4	2,799.97	1/4	2,504.64	1/4	2,208.56	1/4	1,912.49
1/2		1/2		1/2		1/2	3,556.75	1/2	3,304.03	1/2	3,051.32	1/2	2,793.82	1/2	2,498.47	1/2	2,202.39	1/2	1,906.32
3/4		3/4		3/4		3/4	3,551.48	3/4	3,298.77	3/4	3,046.05	3/4	2,787.67	3/4	2,492.30	3/4	2,196.23	3/4	1,900.15
11		11		11		11	3,546.22	11	3,293.50	11	3,040.79	11	2,781.52	11	2,486.13	11	2,190.06	11	1,893.98
1/4		1/4		1/4	3,761.62	1/4	3,540.95	1/4	3,288.24	1/4	3,035.52	1/4	2,775.37	1/4	2,479.96	1/4	2,183.89	1/4	1,887.82
1/2		1/2		1/2	3,760.59	1/2	3,535.69	1/2	3,282.97	1/2	3,030.26	1/2	2,769.22	1/2	2,473.79	1/2	2,177.72	1/2	1,881.65
3/4		3/4		3/4	3,759.55	3/4	3,530.42	3/4	3,277.71	3/4	3,024.99	3/4	2,763.07	3/4	2,467.63	3/4	2,171.55	3/4	1,875.48

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.

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 10244"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,869.31	0	1,572.98	0	1,276.49	0	980.01	0	689.59	0	392.92	0	96.32	0		0		0	
1/4	1,863.14	1/4	1,566.80	1/4	1,270.32	1/4	973.83	1/4	683.43	1/4	386.74	1/4	90.17	1/4	1/4	1/4		1/4	
1/2	1,856.97	1/2	1,560.63	1/2	1,264.14	1/2	967.72	1/2	677.25	1/2	380.56	1/2	84.05	1/2	1/2	1/2		1/2	
3/4	1,850.81	3/4	1,554.45	3/4	1,257.96	3/4	961.60	3/4	671.07	3/4	374.38	3/4	77.93	3/4	3/4	3/4		3/4	
1	1,844.64	1	1,548.27	1	1,251.79	1	955.49	1	664.89	1	368.20	1	71.80	1	1	1		1	
1/4	1,838.47	1/4	1,542.10	1/4	1,245.61	1/4	949.37	1/4	658.71	1/4	362.02	1/4	65.68	1/4	1/4	1/4		1/4	
1/2	1,832.30	1/2	1,535.92	1/2	1,239.43	1/2	943.32	1/2	652.53	1/2	355.84	1/2	59.62	1/2	1/2	1/2		1/2	
3/4	1,826.13	3/4	1,529.74	3/4	1,233.26	3/4	937.27	3/4	646.35	3/4	349.65	3/4	53.55	3/4	3/4	3/4		3/4	
2	1,819.97	2	1,523.57	2	1,227.08	2	931.22	2	640.17	2	343.47	2	47.49	2	2	2		2	
1/4	1,813.80	1/4	1,517.39	1/4	1,220.90	1/4	925.17	1/4	633.99	1/4	337.29	1/4	41.42	1/4	1/4	1/4		1/4	
1/2	1,807.62	1/2	1,511.21	1/2	1,214.73	1/2	919.12	1/2	627.80	1/2	331.11	1/2	36.27	1/2	1/2	1/2		1/2	
3/4	1,801.44	3/4	1,505.04	3/4	1,208.55	3/4	913.07	3/4	621.62	3/4	324.93	3/4	31.12	3/4	3/4	3/4		3/4	
3	1,795.27	3	1,498.86	3	1,202.37	3	907.02	3	615.44	3	318.75	3	25.97	3	3	3		3	
1/4	1,789.09	1/4	1,492.68	1/4	1,196.20	1/4	900.97	1/4	609.26	1/4	312.57	1/4	20.82	1/4	1/4	1/4		1/4	
1/2	1,782.91	1/2	1,486.50	1/2	1,190.02	1/2	894.94	1/2	603.08	1/2	306.39	1/2	17.72	1/2	1/2	1/2		1/2	
3/4	1,776.74	3/4	1,480.33	3/4	1,183.84	3/4	888.90	3/4	596.90	3/4	300.21	3/4	14.63	3/4	3/4	3/4		3/4	
4	1,770.56	4	1,474.15	4	1,177.66	4	882.87	4	590.72	4	294.02	4	11.53	4	4	4		4	
1/4	1,764.38	1/4	1,467.97	1/4	1,171.49	1/4	876.83	1/4	584.54	1/4	287.84	1/4	8.43	1/4	1/4	1/4		1/4	
1/2	1,758.21	1/2	1,461.80	1/2	1,165.31	1/2	870.81	1/2	578.36	1/2	281.66	1/2	7.40	1/2	1/2	1/2		1/2	
3/4	1,752.03	3/4	1,455.62	3/4	1,159.13	3/4	864.80	3/4	572.17	3/4	275.48	3/4	6.37	3/4	3/4	3/4		3/4	
5	1,745.85	5	1,449.44	5	1,152.96	5	858.78	5	565.99	5	269.30	5	5.34	5	5	5		5	
1/4	1,739.68	1/4	1,443.27	1/4	1,146.78	1/4	852.76	1/4	559.81	1/4	263.12	1/4	4.31	1/4	1/4	1/4		1/4	
1/2	1,733.50	1/2	1,437.09	1/2	1,140.60	1/2	846.74	1/2	553.63	1/2	256.94	1/2		1/2	1/2	1/2		1/2	
3/4	1,727.33	3/4	1,430.91	3/4	1,134.43	3/4	840.72	3/4	547.45	3/4	250.76	3/4		3/4	3/4	3/4		3/4	
6	1,721.15	6	1,424.74	6	1,128.25	6	834.71	6	541.27	6	244.58	6		6	6	6		6	
1/4	1,714.98	1/4	1,418.56	1/4	1,122.07	1/4	828.69	1/4	535.09	1/4	238.39	1/4		1/4	1/4	1/4		1/4	
1/2	1,708.80	1/2	1,412.38	1/2	1,115.90	1/2	822.67	1/2	528.91	1/2	232.21	1/2		1/2	1/2	1/2		1/2	
3/4	1,702.63	3/4	1,406.21	3/4	1,109.72	3/4	816.65	3/4	522.73	3/4	226.03	3/4		3/4	3/4	3/4		3/4	
7	1,696.46	7	1,400.03	7	1,103.54	7	810.64	7	516.54	7	219.85	7		7	7	7		7	
1/4	1,690.28	1/4	1,393.85	1/4	1,097.37	1/4	804.62	1/4	510.36	1/4	213.67	1/4		1/4	1/4	1/4		1/4	
1/2	1,684.11	1/2	1,387.68	1/2	1,091.19	1/2	798.60	1/2	504.18	1/2	207.49	1/2		1/2	1/2	1/2		1/2	
3/4	1,677.94	3/4	1,381.50	3/4	1,085.01	3/4	792.58	3/4	498.00	3/4	201.31	3/4		3/4	3/4	3/4		3/4	
8	1,671.76	8	1,375.32	8	1,078.84	8	786.56	8	491.82	8	195.13	8		8	8	8		8	
1/4	1,665.59	1/4	1,369.15	1/4	1,072.66	1/4	780.55	1/4	485.64	1/4	188.95	1/4		1/4	1/4	1/4		1/4	
1/2	1,659.42	1/2	1,362.97	1/2	1,066.48	1/2	774.53	1/2	479.46	1/2	182.77	1/2		1/2	1/2	1/2		1/2	
3/4	1,653.24	3/4	1,356.79	3/4	1,060.31	3/4	768.51	3/4	473.28	3/4	176.59	3/4		3/4	3/4	3/4		3/4	
9	1,647.07	9	1,350.62	9	1,054.13	9	762.49	9	467.10	9	170.40	9		9	9	9		9	
1/4	1,640.90	1/4	1,344.44	1/4	1,047.95	1/4	756.47	1/4	460.91	1/4	164.22	1/4		1/4	1/4	1/4		1/4	
1/2	1,634.72	1/2	1,338.26	1/2	1,041.78	1/2	750.46	1/2	454.73	1/2	158.04	1/2		1/2	1/2	1/2		1/2	
3/4	1,628.55	3/4	1,332.08	3/4	1,035.60	3/4	744.44	3/4	448.55	3/4	151.85	3/4		3/4	3/4	3/4		3/4	
10	1,622.38	10	1,325.91	10	1,029.42	10	738.42	10	442.37	10	145.67	10		10	10	10		10	
1/4	1,616.20	1/4	1,319.73	1/4	1,023.24	1/4	732.40	1/4	436.19	1/4	139.48	1/4		1/4	1/4	1/4		1/4	
1/2	1,610.03	1/2	1,313.55	1/2	1,017.07	1/2	726.32	1/2	430.01	1/2	133.30	1/2		1/2	1/2	1/2		1/2	
3/4	1,603.86	3/4	1,307.38	3/4	1,010.89	3/4	720.24	3/4	423.83	3/4	127.13	3/4		3/4	3/4	3/4		3/4	
11	1,597.68	11	1,301.20	11	1,004.71	11	714.16	11	417.65	11	120.96	11		11	11	11		11	
1/4	1,591.51	1/4	1,295.02	1/4	998.54	1/4	708.08	1/4	411.47	1/4	114.78	1/4		1/4	1/4	1/4		1/4	
1/2	1,585.33	1/2	1,288.85	1/2	992.36	1/2	701.91	1/2	405.28	1/2	108.63	1/2		1/2	1/2	1/2		1/2	
3/4	1,579.16	3/4	1,282.67	3/4	986.18	3/4	695.75	3/4	399.10	3/4	102.48	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/29/2012 CL  
CALCULATED: 08/29/2012 CL  
PRINTED: 08/29/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2012

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



# BARGE "KIRBY 10244"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	3,469.92	0	3,243.64	0	2,982.19	0	2,720.74	0	2,458.82	0	2,195.97	0	1,933.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,469.00	1/4	3,238.20	1/4	2,976.74	1/4	2,715.29	1/4	2,453.35	1/4	2,190.50	1/4	1,927.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,468.09	1/2	3,232.75	1/2	2,971.30	1/2	2,709.85	1/2	2,447.87	1/2	2,185.02	1/2	1,922.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,467.18	3/4	3,227.30	3/4	2,965.85	3/4	2,704.40	3/4	2,442.39	3/4	2,179.55	3/4	1,916.70
1		1		1		1	3,466.26	1	3,221.85	1	2,960.40	1	2,698.95	1	2,436.92	1	2,174.07	1	1,911.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,463.52	1/4	3,216.41	1/4	2,954.96	1/4	2,693.51	1/4	2,431.44	1/4	2,168.59	1/4	1,905.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,460.78	1/2	3,210.96	1/2	2,949.51	1/2	2,688.06	1/2	2,425.97	1/2	2,163.12	1/2	1,900.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,458.05	3/4	3,205.51	3/4	2,944.06	3/4	2,682.61	3/4	2,420.49	3/4	2,157.64	3/4	1,894.79
2		2		2		2	3,455.31	2	3,200.07	2	2,938.62	2	2,677.16	2	2,415.01	2	2,152.17	2	1,889.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,450.87	1/4	3,194.62	1/4	2,933.17	1/4	2,671.72	1/4	2,409.54	1/4	2,146.69	1/4	1,883.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,446.43	1/2	3,189.17	1/2	2,927.72	1/2	2,666.27	1/2	2,404.06	1/2	2,141.21	1/2	1,878.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,442.00	3/4	3,183.73	3/4	2,922.27	3/4	2,660.82	3/4	2,398.59	3/4	2,135.74	3/4	1,872.89
3		3		3		3	3,437.56	3	3,178.28	3	2,916.83	3	2,655.38	3	2,393.11	3	2,130.26	3	1,867.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,432.25	1/4	3,172.83	1/4	2,911.38	1/4	2,649.93	1/4	2,387.63	1/4	2,124.79	1/4	1,861.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,426.94	1/2	3,167.39	1/2	2,905.93	1/2	2,644.48	1/2	2,382.16	1/2	2,119.31	1/2	1,856.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,421.64	3/4	3,161.94	3/4	2,900.49	3/4	2,639.04	3/4	2,376.68	3/4	2,113.83	3/4	1,850.99
4		4		4		4	3,416.33	4	3,156.49	4	2,895.04	4	2,633.59	4	2,371.21	4	2,108.36	4	1,845.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,410.99	1/4	3,151.04	1/4	2,889.59	1/4	2,628.14	1/4	2,365.73	1/4	2,102.88	1/4	1,840.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,405.65	1/2	3,145.60	1/2	2,884.15	1/2	2,622.70	1/2	2,360.25	1/2	2,097.41	1/2	1,834.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,400.31	3/4	3,140.15	3/4	2,878.70	3/4	2,617.25	3/4	2,354.78	3/4	2,091.93	3/4	1,829.08
5		5		5		5	3,394.97	5	3,134.70	5	2,873.25	5	2,611.80	5	2,349.30	5	2,086.45	5	1,823.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,389.62	1/4	3,129.26	1/4	2,867.81	1/4	2,606.35	1/4	2,343.83	1/4	2,080.98	1/4	1,818.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,384.27	1/2	3,123.81	1/2	2,862.36	1/2	2,600.91	1/2	2,338.35	1/2	2,075.50	1/2	1,812.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,378.92	3/4	3,118.36	3/4	2,856.91	3/4	2,595.46	3/4	2,332.87	3/4	2,070.03	3/4	1,807.18
6		6		6		6	3,373.57	6	3,112.92	6	2,851.47	6	2,590.01	6	2,327.40	6	2,064.55	6	1,801.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,368.22	1/4	3,107.47	1/4	2,846.02	1/4	2,584.57	1/4	2,321.92	1/4	2,059.07	1/4	1,796.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,362.87	1/2	3,102.02	1/2	2,840.57	1/2	2,579.12	1/2	2,316.45	1/2	2,053.60	1/2	1,790.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,357.53	3/4	3,096.58	3/4	2,835.12	3/4	2,573.67	3/4	2,310.97	3/4	2,048.12	3/4	1,785.27
7		7		7		7	3,352.18	7	3,091.13	7	2,829.68	7	2,568.23	7	2,305.49	7	2,042.65	7	1,779.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,346.83	1/4	3,085.68	1/4	2,824.23	1/4	2,562.78	1/4	2,300.02	1/4	2,037.17	1/4	1,774.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,341.49	1/2	3,080.23	1/2	2,818.78	1/2	2,557.33	1/2	2,294.54	1/2	2,031.69	1/2	1,768.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,336.14	3/4	3,074.79	3/4	2,813.34	3/4	2,551.89	3/4	2,289.07	3/4	2,026.22	3/4	1,763.37
8		8		8		8	3,330.79	8	3,069.34	8	2,807.89	8	2,546.44	8	2,283.59	8	2,020.74	8	1,757.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,325.35	1/4	3,063.89	1/4	2,802.44	1/4	2,540.96	1/4	2,278.11	1/4	2,015.27	1/4	1,752.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,319.90	1/2	3,058.45	1/2	2,797.00	1/2	2,535.49	1/2	2,272.64	1/2	2,009.79	1/2	1,746.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,314.45	3/4	3,053.00	3/4	2,791.55	3/4	2,530.01	3/4	2,267.16	3/4	2,004.31	3/4	1,741.47
9		9		9		9	3,309.00	9	3,047.55	9	2,786.10	9	2,524.53	9	2,261.69	9	1,998.84	9	1,735.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,303.56	1/4	3,042.11	1/4	2,780.66	1/4	2,519.06	1/4	2,256.21	1/4	1,993.36	1/4	1,730.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,298.11	1/2	3,036.66	1/2	2,775.21	1/2	2,513.58	1/2	2,250.73	1/2	1,987.89	1/2	1,725.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,292.66	3/4	3,031.21	3/4	2,769.76	3/4	2,508.11	3/4	2,245.26	3/4	1,982.41	3/4	1,719.56
10		10		10		10	3,287.22	10	3,025.77	10	2,764.31	10	2,502.63	10	2,239.78	10	1,976.93	10	1,714.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,281.77	1/4	3,020.32	1/4	2,758.87	1/4	2,497.15	1/4	2,234.31	1/4	1,971.46	1/4	1,708.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,276.32	1/2	3,014.87	1/2	2,753.42	1/2	2,491.68	1/2	2,228.83	1/2	1,965.98	1/2	1,703.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,270.88	3/4	3,009.43	3/4	2,747.97	3/4	2,486.20	3/4	2,223.35	3/4	1,960.51	3/4	1,697.66
11		11		11		11	3,265.43	11	3,003.98	11	2,742.53	11	2,480.73	11	2,217.88	11	1,955.03	11	1,692.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,259.98	1/4	2,998.53	1/4	2,737.08	1/4	2,475.25	1/4	2,212.40	1/4	1,949.55	1/4	1,686.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,254.54	1/2	2,993.08	1/2	2,731.63	1/2	2,469.77	1/2	2,206.93	1/2	1,944.08	1/2	1,681.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,249.09	3/4	2,987.64	3/4	2,726.19	3/4	2,464.30	3/4	2,201.45	3/4	1,938.60	3/4	1,675.75

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 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 10244"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
	1,670.28		1,407.43		1,144.41		883.26		624.32		361.33		98.42								
1/4	1,664.80	1/4	1,401.95	1/4	1,138.94	1/4	877.87	1/4	618.84	1/4	355.85	1/4	92.98	1/4		1/4		1/4		1/4	
1/2	1,659.33	1/2	1,396.47	1/2	1,133.46	1/2	872.47	1/2	613.37	1/2	350.37	1/2	87.53	1/2		1/2		1/2		1/2	
3/4	1,653.85	3/4	1,390.99	3/4	1,127.98	3/4	867.08	3/4	607.89	3/4	344.89	3/4	82.09	3/4		3/4		3/4		3/4	
1	1,648.37	1	1,385.51	1	1,122.50	1	861.68	1	602.41	1	339.41	1	76.65	1		1		1		1	
1/4	1,642.90	1/4	1,380.03	1/4	1,117.02	1/4	856.29	1/4	596.93	1/4	333.93	1/4	71.23	1/4		1/4		1/4		1/4	
1/2	1,637.42	1/2	1,374.55	1/2	1,111.54	1/2	850.89	1/2	591.45	1/2	328.45	1/2	65.81	1/2		1/2		1/2		1/2	
3/4	1,631.95	3/4	1,369.07	3/4	1,106.06	3/4	845.50	3/4	585.97	3/4	322.97	3/4	60.40	3/4		3/4		3/4		3/4	
2	1,626.47	2	1,363.59	2	1,100.58	2	840.10	2	580.49	2	317.50	2	54.98	2		2		2		2	
1/4	1,620.99	1/4	1,358.12	1/4	1,095.10	1/4	834.71	1/4	575.01	1/4	312.02	1/4	49.62	1/4		1/4		1/4		1/4	
1/2	1,615.52	1/2	1,352.64	1/2	1,089.62	1/2	829.31	1/2	569.53	1/2	306.54	1/2	44.25	1/2		1/2		1/2		1/2	
3/4	1,610.04	3/4	1,347.16	3/4	1,084.14	3/4	823.92	3/4	564.05	3/4	301.06	3/4	38.88	3/4		3/4		3/4		3/4	
3	1,604.57	3	1,341.68	3	1,078.66	3	818.53	3	558.58	3	295.58	3	33.52	3		3		3		3	
1/4	1,599.09	1/4	1,336.20	1/4	1,073.18	1/4	813.14	1/4	553.10	1/4	290.10	1/4	28.96	1/4		1/4		1/4		1/4	
1/2	1,593.61	1/2	1,330.72	1/2	1,067.70	1/2	807.75	1/2	547.62	1/2	284.62	1/2	24.40	1/2		1/2		1/2		1/2	
3/4	1,588.14	3/4	1,325.24	3/4	1,062.22	3/4	802.36	3/4	542.14	3/4	279.14	3/4	19.84	3/4		3/4		3/4		3/4	
4	1,582.66	4	1,319.76	4	1,056.74	4	796.97	4	536.66	4	273.66	4	15.29	4		4		4		4	
1/4	1,577.19	1/4	1,314.28	1/4	1,051.26	1/4	791.58	1/4	531.18	1/4	268.18	1/4	12.55	1/4		1/4		1/4		1/4	
1/2	1,571.71	1/2	1,308.80	1/2	1,045.78	1/2	786.19	1/2	525.70	1/2	262.70	1/2	9.81	1/2		1/2		1/2		1/2	
3/4	1,566.23	3/4	1,303.32	3/4	1,040.30	3/4	780.80	3/4	520.22	3/4	257.23	3/4	7.07	3/4		3/4		3/4		3/4	
5	1,560.76	5	1,297.84	5	1,034.82	5	775.41	5	514.74	5	251.75	5	4.33	5		5		5		5	
1/4	1,555.28	1/4	1,292.36	1/4	1,029.35	1/4	770.02	1/4	509.26	1/4	246.27	1/4	3.42	1/4		1/4		1/4		1/4	
1/2	1,549.81	1/2	1,286.88	1/2	1,023.87	1/2	764.63	1/2	503.78	1/2	240.79	1/2	2.50	1/2		1/2		1/2		1/2	
3/4	1,544.33	3/4	1,281.40	3/4	1,018.39	3/4	759.24	3/4	498.31	3/4	235.31	3/4	1.59	3/4		3/4		3/4		3/4	
6	1,538.85	6	1,275.92	6	1,012.91	6	753.85	6	492.83	6	229.83	6	0.68	6		6		6		6	
1/4	1,533.38	1/4	1,270.44	1/4	1,007.47	1/4	748.46	1/4	487.35	1/4	224.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,527.90	1/2	1,264.96	1/2	1,002.03	1/2	743.07	1/2	481.87	1/2	218.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,522.43	3/4	1,259.48	3/4	996.59	3/4	737.68	3/4	476.39	3/4	213.39	3/4		3/4		3/4		3/4		3/4	
7	1,516.95	7	1,254.00	7	991.16	7	732.29	7	470.91	7	207.91	7		7		7		7		7	
1/4	1,511.47	1/4	1,248.53	1/4	985.76	1/4	726.90	1/4	465.43	1/4	202.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,506.00	1/2	1,243.05	1/2	980.37	1/2	721.51	1/2	459.95	1/2	196.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,500.52	3/4	1,237.57	3/4	974.97	3/4	716.12	3/4	454.47	3/4	191.48	3/4		3/4		3/4		3/4		3/4	
8	1,495.05	8	1,232.09	8	969.58	8	710.74	8	448.99	8	186.00	8		8		8		8		8	
1/4	1,489.57	1/4	1,226.61	1/4	964.18	1/4	705.35	1/4	443.51	1/4	180.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,484.09	1/2	1,221.13	1/2	958.79	1/2	699.96	1/2	438.04	1/2	175.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,478.62	3/4	1,215.65	3/4	953.39	3/4	694.57	3/4	432.56	3/4	169.56	3/4		3/4		3/4		3/4		3/4	
9	1,473.14	9	1,210.17	9	948.00	9	689.18	9	427.08	9	164.08	9		9		9		9		9	
1/4	1,467.67	1/4	1,204.69	1/4	942.60	1/4	683.79	1/4	421.60	1/4	158.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,462.19	1/2	1,199.21	1/2	937.21	1/2	678.40	1/2	416.12	1/2	153.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,456.71	3/4	1,193.73	3/4	931.81	3/4	673.01	3/4	410.64	3/4	147.65	3/4		3/4		3/4		3/4		3/4	
10	1,451.24	10	1,188.25	10	926.42	10	667.62	10	405.16	10	142.17	10		10		10		10		10	
1/4	1,445.76	1/4	1,182.77	1/4	921.02	1/4	662.23	1/4	399.68	1/4	136.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,440.29	1/2	1,177.29	1/2	915.63	1/2	656.84	1/2	394.20	1/2	131.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,434.81	3/4	1,171.81	3/4	910.24	3/4	651.45	3/4	388.72	3/4	125.75	3/4		3/4		3/4		3/4		3/4	
11	1,429.33	11	1,166.33	11	904.84	11	646.07	11	383.24	11	120.27	11		11		11		11		11	
1/4	1,423.86	1/4	1,160.85	1/4	899.45	1/4	640.63	1/4	377.77	1/4	114.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,418.38	1/2	1,155.37	1/2	894.05	1/2	635.19	1/2	372.29	1/2	109.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,412.91	3/4	1,149.89	3/4	888.66	3/4	629.76	3/4	366.81	3/4	103.89	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/29/2012 CL  
CALCULATED: 08/29/2012 CL  
PRINTED: 08/29/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2012

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



# BARGE "KIRBY 10244"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	3,454.33	0	3,229.35	0	2,969.40	0	2,709.46	0	2,449.05	0	2,187.70	0	1,926.36
1/4		1/4		1/4		1/4	3,453.42	1/4	3,228.44	1/4	2,968.52	1/4	2,708.58	1/4	2,448.17	1/4	2,186.81	1/4	1,925.49
1/2		1/2		1/2		1/2	3,452.51	1/2	3,218.52	1/2	2,958.57	1/2	2,698.63	1/2	2,438.16	1/2	2,176.81	1/2	1,915.47
3/4		3/4		3/4		3/4	3,451.60	3/4	3,213.10	3/4	2,953.16	3/4	2,693.21	3/4	2,432.71	3/4	2,171.37	3/4	1,910.02
1		1		1		1	3,450.70	1	3,207.68	1	2,947.74	1	2,687.80	1	2,427.27	1	2,165.92	1	1,904.58
1/4		1/4		1/4		1/4	3,447.97	1/4	3,202.27	1/4	2,942.32	1/4	2,682.38	1/4	2,421.82	1/4	2,160.48	1/4	1,899.13
1/2		1/2		1/2		1/2	3,445.25	1/2	3,196.85	1/2	2,936.91	1/2	2,676.97	1/2	2,416.38	1/2	2,155.03	1/2	1,893.69
3/4		3/4		3/4		3/4	3,442.52	3/4	3,191.44	3/4	2,931.49	3/4	2,671.55	3/4	2,410.93	3/4	2,149.59	3/4	1,888.24
2		2		2		2	3,439.80	2	3,186.02	2	2,926.08	2	2,666.13	2	2,405.49	2	2,144.14	2	1,882.80
1/4		1/4		1/4		1/4	3,435.39	1/4	3,180.61	1/4	2,920.66	1/4	2,660.72	1/4	2,400.04	1/4	2,138.70	1/4	1,877.35
1/2		1/2		1/2		1/2	3,430.98	1/2	3,175.19	1/2	2,915.25	1/2	2,655.30	1/2	2,394.60	1/2	2,133.25	1/2	1,871.91
3/4		3/4		3/4		3/4	3,426.57	3/4	3,169.78	3/4	2,909.83	3/4	2,649.89	3/4	2,389.16	3/4	2,127.81	3/4	1,866.46
3		3		3		3	3,422.16	3	3,164.36	3	2,904.42	3	2,644.47	3	2,383.71	3	2,122.37	3	1,861.02
1/4		1/4		1/4		1/4	3,416.88	1/4	3,158.94	1/4	2,899.00	1/4	2,639.06	1/4	2,378.27	1/4	2,116.92	1/4	1,855.57
1/2		1/2		1/2		1/2	3,411.61	1/2	3,153.53	1/2	2,893.59	1/2	2,633.64	1/2	2,372.82	1/2	2,111.48	1/2	1,850.13
3/4		3/4		3/4		3/4	3,406.33	3/4	3,148.11	3/4	2,888.17	3/4	2,628.23	3/4	2,367.38	3/4	2,106.03	3/4	1,844.69
4		4		4		4	3,401.05	4	3,142.70	4	2,882.75	4	2,622.81	4	2,361.93	4	2,100.59	4	1,839.24
1/4		1/4		1/4		1/4	3,395.74	1/4	3,137.28	1/4	2,877.34	1/4	2,617.39	1/4	2,356.49	1/4	2,095.14	1/4	1,833.80
1/2		1/2		1/2		1/2	3,390.44	1/2	3,131.87	1/2	2,871.92	1/2	2,611.98	1/2	2,351.04	1/2	2,089.70	1/2	1,828.35
3/4		3/4		3/4		3/4	3,385.13	3/4	3,126.45	3/4	2,866.51	3/4	2,606.56	3/4	2,345.60	3/4	2,084.25	3/4	1,822.91
5		5		5		5	3,379.82	5	3,121.04	5	2,861.09	5	2,601.15	5	2,340.15	5	2,078.81	5	1,817.46
1/4		1/4		1/4		1/4	3,374.50	1/4	3,115.62	1/4	2,855.68	1/4	2,595.73	1/4	2,334.71	1/4	2,073.36	1/4	1,812.02
1/2		1/2		1/2		1/2	3,369.18	1/2	3,110.21	1/2	2,850.26	1/2	2,590.32	1/2	2,329.26	1/2	2,067.92	1/2	1,806.57
3/4		3/4		3/4		3/4	3,363.85	3/4	3,104.79	3/4	2,844.85	3/4	2,584.90	3/4	2,323.82	3/4	2,062.47	3/4	1,801.13
6		6		6		6	3,358.53	6	3,099.37	6	2,839.43	6	2,579.49	6	2,318.37	6	2,057.03	6	1,795.68
1/4		1/4		1/4		1/4	3,353.21	1/4	3,093.96	1/4	2,834.01	1/4	2,574.07	1/4	2,312.93	1/4	2,051.58	1/4	1,790.24
1/2		1/2		1/2		1/2	3,347.90	1/2	3,088.54	1/2	2,828.60	1/2	2,568.66	1/2	2,307.48	1/2	2,046.14	1/2	1,784.79
3/4		3/4		3/4		3/4	3,342.58	3/4	3,083.13	3/4	2,823.18	3/4	2,563.24	3/4	2,302.04	3/4	2,040.69	3/4	1,779.35
7		7		7		7	3,337.26	7	3,077.71	7	2,817.77	7	2,557.82	7	2,296.60	7	2,035.25	7	1,773.90
1/4		1/4		1/4		1/4	3,331.95	1/4	3,072.30	1/4	2,812.35	1/4	2,552.41	1/4	2,291.15	1/4	2,029.81	1/4	1,768.46
1/2		1/2		1/2		1/2	3,326.63	1/2	3,066.88	1/2	2,806.94	1/2	2,546.99	1/2	2,285.71	1/2	2,024.36	1/2	1,763.01
3/4		3/4		3/4		3/4	3,321.31	3/4	3,061.47	3/4	2,801.52	3/4	2,541.58	3/4	2,280.26	3/4	2,018.92	3/4	1,757.57
8		8		8		8	3,315.99	8	3,056.05	8	2,796.11	8	2,536.16	8	2,274.82	8	2,013.47	8	1,752.13
1/4		1/4		1/4		1/4	3,310.58	1/4	3,050.63	1/4	2,790.69	1/4	2,530.72	1/4	2,269.37	1/4	2,008.03	1/4	1,746.68
1/2		1/2		1/2		1/2	3,305.16	1/2	3,045.22	1/2	2,785.28	1/2	2,525.27	1/2	2,263.93	1/2	2,002.58	1/2	1,741.24
3/4		3/4		3/4		3/4	3,299.75	3/4	3,039.80	3/4	2,779.86	3/4	2,519.83	3/4	2,258.48	3/4	1,997.14	3/4	1,735.79
9		9		9		9	3,294.33	9	3,034.39	9	2,774.44	9	2,514.38	9	2,253.04	9	1,991.69	9	1,730.35
1/4		1/4		1/4		1/4	3,288.92	1/4	3,028.97	1/4	2,769.03	1/4	2,508.94	1/4	2,247.59	1/4	1,986.25	1/4	1,724.90
1/2		1/2		1/2		1/2	3,283.50	1/2	3,023.56	1/2	2,763.61	1/2	2,503.49	1/2	2,242.15	1/2	1,980.80	1/2	1,719.46
3/4		3/4		3/4		3/4	3,278.09	3/4	3,018.14	3/4	2,758.20	3/4	2,498.05	3/4	2,236.70	3/4	1,975.36	3/4	1,714.01
10		10		10		10	3,272.67	10	3,012.73	10	2,752.78	10	2,492.60	10	2,231.26	10	1,969.91	10	1,708.57
1/4		1/4		1/4		1/4	3,267.25	1/4	3,007.31	1/4	2,747.37	1/4	2,487.16	1/4	2,225.81	1/4	1,964.47	1/4	1,703.12
1/2		1/2		1/2		1/2	3,261.84	1/2	3,001.90	1/2	2,741.95	1/2	2,481.72	1/2	2,220.37	1/2	1,959.02	1/2	1,697.68
3/4		3/4		3/4		3/4	3,256.42	3/4	2,996.48	3/4	2,736.54	3/4	2,476.27	3/4	2,214.93	3/4	1,953.58	3/4	1,692.23
11		11		11		11	3,251.01	11	2,991.06	11	2,731.12	11	2,470.83	11	2,209.48	11	1,948.13	11	1,686.79
1/4		1/4		1/4		1/4	3,245.59	1/4	2,985.65	1/4	2,725.70	1/4	2,465.38	1/4	2,204.04	1/4	1,942.69	1/4	1,681.34
1/2		1/2		1/2		1/2	3,240.18	1/2	2,980.23	1/2	2,720.29	1/2	2,459.94	1/2	2,198.59	1/2	1,937.25	1/2	1,675.90
3/4		3/4		3/4		3/4	3,234.76	3/4	2,974.82	3/4	2,714.87	3/4	2,454.49	3/4	2,193.15	3/4	1,931.80	3/4	1,670.46

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 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 10244"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
	1,665.01		1,403.66		1,142.15		881.51		620.76		359.27		97.87								
1/4	1,659.57	1/4	1,398.22	1/4	1,136.70	1/4	876.10	1/4	615.31	1/4	353.82	1/4	92.45	1/4		1/4		1/4		1/4	
1/2	1,654.12	1/2	1,392.77	1/2	1,131.25	1/2	870.69	1/2	609.87	1/2	348.37	1/2	87.04	1/2		1/2		1/2		1/2	
3/4	1,648.68	3/4	1,387.32	3/4	1,125.81	3/4	865.28	3/4	604.42	3/4	342.93	3/4	81.63	3/4		3/4		3/4		3/4	
1	1,643.23	1	1,381.87	1	1,120.36	1	859.86	1	598.97	1	337.48	1	76.21	1		1		1		1	
1/4	1,637.79	1/4	1,376.42	1/4	1,114.91	1/4	854.45	1/4	593.52	1/4	332.03	1/4	70.83	1/4		1/4		1/4		1/4	
1/2	1,632.34	1/2	1,370.98	1/2	1,109.46	1/2	849.04	1/2	588.08	1/2	326.58	1/2	65.44	1/2		1/2		1/2		1/2	
3/4	1,626.90	3/4	1,365.53	3/4	1,104.01	3/4	843.63	3/4	582.63	3/4	321.13	3/4	60.06	3/4		3/4		3/4		3/4	
2	1,621.45	2	1,360.08	2	1,098.57	2	838.22	2	577.18	2	315.69	2	54.67	2		2		2		2	
1/4	1,616.01	1/4	1,354.63	1/4	1,093.12	1/4	832.80	1/4	571.73	1/4	310.24	1/4	49.34	1/4		1/4		1/4		1/4	
1/2	1,610.56	1/2	1,349.18	1/2	1,087.67	1/2	827.39	1/2	566.29	1/2	304.79	1/2	44.00	1/2		1/2		1/2		1/2	
3/4	1,605.12	3/4	1,343.73	3/4	1,082.22	3/4	821.98	3/4	560.84	3/4	299.34	3/4	38.67	3/4		3/4		3/4		3/4	
3	1,599.67	3	1,338.29	3	1,076.77	3	816.57	3	555.39	3	293.90	3	33.33	3		3		3		3	
1/4	1,594.23	1/4	1,332.84	1/4	1,071.32	1/4	811.16	1/4	549.94	1/4	288.45	1/4	28.80	1/4		1/4		1/4		1/4	
1/2	1,588.78	1/2	1,327.39	1/2	1,065.88	1/2	805.76	1/2	544.49	1/2	283.00	1/2	24.27	1/2		1/2		1/2		1/2	
3/4	1,583.34	3/4	1,321.94	3/4	1,060.43	3/4	800.35	3/4	539.05	3/4	277.55	3/4	19.74	3/4		3/4		3/4		3/4	
4	1,577.90	4	1,316.49	4	1,054.98	4	794.94	4	533.60	4	272.10	4	15.20	4		4		4		4	
1/4	1,572.45	1/4	1,311.05	1/4	1,049.53	1/4	789.50	1/4	528.15	1/4	266.66	1/4	12.48	1/4		1/4		1/4		1/4	
1/2	1,567.01	1/2	1,305.60	1/2	1,044.08	1/2	784.06	1/2	522.70	1/2	261.21	1/2	9.76	1/2		1/2		1/2		1/2	
3/4	1,561.56	3/4	1,300.15	3/4	1,038.64	3/4	778.61	3/4	517.26	3/4	255.76	3/4	7.03	3/4		3/4		3/4		3/4	
5	1,556.12	5	1,294.70	5	1,033.19	5	773.17	5	511.81	5	250.31	5	4.31	5		5		5		5	
1/4	1,550.67	1/4	1,289.25	1/4	1,027.74	1/4	767.73	1/4	506.36	1/4	244.87	1/4	3.40	1/4		1/4		1/4		1/4	
1/2	1,545.23	1/2	1,283.80	1/2	1,022.29	1/2	762.29	1/2	500.91	1/2	239.42	1/2	2.49	1/2		1/2		1/2		1/2	
3/4	1,539.78	3/4	1,278.36	3/4	1,016.84	3/4	756.84	3/4	495.46	3/4	233.97	3/4	1.59	3/4		3/4		3/4		3/4	
6	1,534.34	6	1,272.91	6	1,011.39	6	751.40	6	490.02	6	228.52	6	0.68	6		6		6		6	
1/4	1,528.89	1/4	1,267.46	1/4	1,005.98	1/4	745.96	1/4	484.57	1/4	223.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,523.45	1/2	1,262.01	1/2	1,000.57	1/2	740.51	1/2	479.12	1/2	217.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,518.00	3/4	1,256.56	3/4	995.16	3/4	735.07	3/4	473.67	3/4	212.18	3/4		3/4		3/4		3/4		3/4	
7	1,512.56	7	1,251.12	7	989.75	7	729.63	7	468.23	7	206.73	7		7		7		7		7	
1/4	1,507.11	1/4	1,245.67	1/4	984.34	1/4	724.19	1/4	462.78	1/4	201.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,501.67	1/2	1,240.22	1/2	978.92	1/2	718.74	1/2	457.33	1/2	195.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,496.22	3/4	1,234.77	3/4	973.51	3/4	713.30	3/4	451.88	3/4	190.39	3/4		3/4		3/4		3/4		3/4	
8	1,490.78	8	1,229.32	8	968.10	8	707.86	8	446.43	8	184.94	8		8		8		8		8	
1/4	1,485.34	1/4	1,223.87	1/4	962.69	1/4	702.42	1/4	440.99	1/4	179.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,479.89	1/2	1,218.43	1/2	957.28	1/2	696.97	1/2	435.54	1/2	174.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,474.45	3/4	1,212.98	3/4	951.86	3/4	691.53	3/4	430.09	3/4	168.60	3/4		3/4		3/4		3/4		3/4	
9	1,469.00	9	1,207.53	9	946.45	9	686.09	9	424.64	9	163.15	9		9		9		9		9	
1/4	1,463.56	1/4	1,202.08	1/4	941.04	1/4	680.64	1/4	419.20	1/4	157.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,458.11	1/2	1,196.63	1/2	935.63	1/2	675.20	1/2	413.75	1/2	152.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,452.67	3/4	1,191.18	3/4	930.22	3/4	669.76	3/4	408.30	3/4	146.81	3/4		3/4		3/4		3/4		3/4	
10	1,447.22	10	1,185.74	10	924.81	10	664.32	10	402.85	10	141.36	10		10		10		10		10	
1/4	1,441.78	1/4	1,180.29	1/4	919.39	1/4	658.87	1/4	397.40	1/4	135.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,436.33	1/2	1,174.84	1/2	913.98	1/2	653.43	1/2	391.96	1/2	130.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,430.89	3/4	1,169.39	3/4	908.57	3/4	647.99	3/4	386.51	3/4	125.03	3/4		3/4		3/4		3/4		3/4	
11	1,425.44	11	1,163.94	11	903.16	11	642.55	11	381.06	11	119.59	11		11		11		11		11	
1/4	1,420.00	1/4	1,158.50	1/4	897.75	1/4	637.10	1/4	375.61	1/4	114.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,414.55	1/2	1,153.05	1/2	892.33	1/2	631.65	1/2	370.17	1/2	108.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,409.11	3/4	1,147.60	3/4	886.92	3/4	626.21	3/4	364.72	3/4	103.30	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/29/2012 CL  
CALCULATED: 08/29/2012 CL  
PRINTED: 08/29/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2012

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