



BARGE "KIRBY 10127"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8
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	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 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

(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 - 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

February 5, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10127"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	3,558.47	0	3,306.01	0	3,053.54	0	2,797.18	0	2,502.15	0	2,206.37		
1/4		1/4		1/4		1/4	3,553.21	1/4	3,300.75	1/4	3,048.28	1/4	2,791.04	1/4	2,495.99	1/4	2,200.21		
1/2		1/2		1/2		1/2	3,547.95	1/2	3,295.49	1/2	3,043.03	1/2	2,784.90	1/2	2,489.83	1/2	2,194.05		
3/4		3/4		3/4		3/4	3,542.69	3/4	3,290.23	3/4	3,037.77	3/4	2,778.75	3/4	2,483.67	3/4	2,187.88		
1	1	1	1	1	2	3,757.88	3,537.43	1	3,284.97	1	3,032.51	1	2,772.61	1	2,477.50	1	2,181.72		
1/4		1/4		1/4		1/4	3,756.85	1/4	3,532.17	1/4	3,279.71	1/4	3,027.25	1/4	2,766.47	1/4	2,471.34	1/4	2,175.56
1/2		1/2		1/2		1/2	3,755.82	1/2	3,526.91	1/2	3,274.45	1/2	3,021.99	1/2	2,760.32	1/2	2,465.18	1/2	2,169.40
3/4		3/4		3/4		3/4	3,754.79	3/4	3,521.65	3/4	3,269.19	3/4	3,016.73	3/4	2,754.18	3/4	2,459.02	3/4	2,163.24
2	2	2	2	2	3	3,753.76	3,516.39	2	3,263.93	2	3,011.47	2	2,748.04	2	2,452.85	2	2,157.07		
1/4		1/4		1/4		1/4	3,750.66	1/4	3,511.13	1/4	3,258.67	1/4	3,006.21	1/4	2,741.89	1/4	2,446.69	1/4	2,150.91
1/2		1/2		1/2		1/2	3,747.57	1/2	3,505.87	1/2	3,253.41	1/2	3,000.95	1/2	2,735.75	1/2	2,440.53	1/2	2,144.75
3/4		3/4		3/4		3/4	3,744.48	3/4	3,500.61	3/4	3,248.15	3/4	2,995.69	3/4	2,729.61	3/4	2,434.37	3/4	2,138.59
3	3	3	3	3	4	3,741.38	3,495.35	3	3,242.89	3	2,990.43	3	2,723.46	3	2,428.21	3	2,132.43		
1/4		1/4		1/4		1/4	3,737.24	1/4	3,490.09	1/4	3,237.63	1/4	2,985.17	1/4	2,717.32	1/4	2,422.04	1/4	2,126.26
1/2		1/2		1/2		1/2	3,733.10	1/2	3,484.83	1/2	3,232.37	1/2	2,979.91	1/2	2,711.18	1/2	2,415.88	1/2	2,120.10
3/4		3/4		3/4		3/4	3,728.96	3/4	3,479.57	3/4	3,227.11	3/4	2,974.65	3/4	2,705.03	3/4	2,409.72	3/4	2,113.94
4	4	4	4	4	5	3,724.81	3,474.31	4	3,221.85	4	2,969.39	4	2,698.89	4	2,403.56	4	2,107.78		
1/4		1/4		1/4		1/4	3,719.69	1/4	3,469.05	1/4	3,216.59	1/4	2,964.13	1/4	2,692.75	1/4	2,397.40	1/4	2,101.62
1/2		1/2		1/2		1/2	3,714.56	1/2	3,463.79	1/2	3,211.33	1/2	2,958.87	1/2	2,686.60	1/2	2,391.23	1/2	2,095.45
3/4		3/4		3/4		3/4	3,709.44	3/4	3,458.53	3/4	3,206.07	3/4	2,953.61	3/4	2,680.46	3/4	2,385.07	3/4	2,089.29
5	5	5	5	5	6	3,704.31	3,453.27	5	3,200.81	5	2,948.35	5	2,674.32	5	2,378.91	5	2,083.13		
1/4		1/4		1/4		1/4	3,699.15	1/4	3,448.01	1/4	3,195.55	1/4	2,943.09	1/4	2,668.17	1/4	2,372.75	1/4	2,076.97
1/2		1/2		1/2		1/2	3,693.99	1/2	3,442.75	1/2	3,190.29	1/2	2,937.83	1/2	2,662.03	1/2	2,366.59	1/2	2,070.80
3/4		3/4		3/4		3/4	3,688.83	3/4	3,437.50	3/4	3,185.03	3/4	2,932.57	3/4	2,655.89	3/4	2,360.42	3/4	2,064.64
6	6	6	6	6	7	3,683.67	3,432.24	6	3,179.77	6	2,927.31	6	2,649.74	6	2,354.26	6	2,058.48		
1/4		1/4		1/4		1/4	3,678.49	1/4	3,426.98	1/4	3,174.52	1/4	2,922.05	1/4	2,643.60	1/4	2,348.10	1/4	2,052.32
1/2		1/2		1/2		1/2	3,673.32	1/2	3,421.72	1/2	3,169.26	1/2	2,916.79	1/2	2,637.46	1/2	2,341.94	1/2	2,046.16
3/4		3/4		3/4		3/4	3,668.14	3/4	3,416.46	3/4	3,164.00	3/4	2,911.54	3/4	2,631.31	3/4	2,335.78	3/4	2,039.99
7	7	7	7	7	8	3,662.97	3,411.20	7	3,158.74	7	2,906.28	7	2,625.17	7	2,329.61	7	2,033.83		
1/4		1/4		1/4		1/4	3,657.79	1/4	3,405.94	1/4	3,153.48	1/4	2,901.02	1/4	2,619.03	1/4	2,323.45	1/4	2,027.67
1/2		1/2		1/2		1/2	3,652.62	1/2	3,400.68	1/2	3,148.22	1/2	2,895.76	1/2	2,612.88	1/2	2,317.29	1/2	2,021.51
3/4		3/4		3/4		3/4	3,647.45	3/4	3,395.42	3/4	3,142.96	3/4	2,890.50	3/4	2,606.74	3/4	2,311.13	3/4	2,015.35
8	8	8	8	8	9	3,642.27	3,390.16	8	3,137.70	8	2,885.24	8	2,600.60	8	2,304.96	8	2,009.18		
1/4		1/4		1/4		1/4	3,637.10	1/4	3,384.90	1/4	3,132.44	1/4	2,879.98	1/4	2,594.45	1/4	2,298.80	1/4	2,003.02
1/2		1/2		1/2		1/2	3,631.93	1/2	3,379.64	1/2	3,127.18	1/2	2,874.72	1/2	2,588.31	1/2	2,292.64	1/2	1,996.86
3/4		3/4		3/4		3/4	3,626.75	3/4	3,374.38	3/4	3,121.92	3/4	2,869.46	3/4	2,582.17	3/4	2,286.48	3/4	1,990.70
9	9	9	9	9	10	3,621.58	3,369.12	9	3,116.66	9	2,864.20	9	2,576.02	9	2,280.32	9	1,984.54		
1/4		1/4		1/4		1/4	3,616.32	1/4	3,363.86	1/4	3,111.40	1/4	2,858.91	1/4	2,569.88	1/4	2,274.15	1/4	1,978.37
1/2		1/2		1/2		1/2	3,611.06	1/2	3,358.60	1/2	3,106.14	1/2	2,853.63	1/2	2,563.74	1/2	2,267.99	1/2	1,972.21
3/4		3/4		3/4		3/4	3,605.80	3/4	3,353.34	3/4	3,100.88	3/4	2,848.35	3/4	2,557.59	3/4	2,261.83	3/4	1,966.05
10	10	10	10	10	11	3,600.54	3,348.08	10	3,095.62	10	2,843.06	10	2,551.45	10	2,255.67	10	1,959.89		
1/4		1/4		1/4		1/4	3,595.28	1/4	3,342.82	1/4	3,090.36	1/4	2,837.78	1/4	2,545.29	1/4	2,249.51	1/4	1,953.72
1/2		1/2		1/2		1/2	3,590.02	1/2	3,337.56	1/2	3,085.10	1/2	2,832.49	1/2	2,539.12	1/2	2,243.34	1/2	1,947.56
3/4		3/4		3/4		3/4	3,584.76	3/4	3,332.30	3/4	3,079.84	3/4	2,827.21	3/4	2,532.96	3/4	2,237.18	3/4	1,941.40
11	11	11	11	11	12	3,579.50	3,327.04	11	3,074.58	11	2,821.92	11	2,526.80	11	2,231.02	11	1,935.24		
1/4		1/4		1/4		1/4	3,574.24	1/4	3,321.78	1/4	3,069.32	1/4	2,815.74	1/4	2,520.64	1/4	2,224.86	1/4	1,929.08
1/2		1/2		1/2		1/2	3,568.99	1/2	3,316.52	1/2	3,064.06	1/2	2,809.55	1/2	2,514.48	1/2	2,218.70	1/2	1,922.91
3/4		3/4		3/4		3/4	3,563.73	3/4	3,311.26	3/4	3,058.80	3/4	2,803.37	3/4	2,508.31	3/4	2,212.53	3/4	1,916.75

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 32'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "KIRBY 10127"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	1,910.59	0	1,614.60	0	1,318.42	0	1,022.23	0	731.68	0	435.75	0	139.34	0		0		0	
1/4	1,904.43	1/4	1,608.43	1/4	1,312.25	1/4	1,016.06	1/4	725.60	1/4	429.58	1/4	133.17	1/4		1/4		1/4	
1/2	1,898.27	1/2	1,602.27	1/2	1,306.08	1/2	1,009.89	1/2	719.52	1/2	423.40	1/2	127.00	1/2		1/2		1/2	
3/4	1,892.10	3/4	1,596.10	3/4	1,299.91	3/4	1,003.72	3/4	713.45	3/4	417.23	3/4	120.84	3/4		3/4		3/4	
1	1,885.94	1	1,589.93	1	1,293.74	1	997.55	1	707.37	1	411.05	1	114.67	1		1		1	
1/4	1,879.78	1/4	1,583.76	1/4	1,287.57	1/4	991.38	1/4	701.22	1/4	404.88	1/4	108.52	1/4		1/4		1/4	
1/2	1,873.62	1/2	1,577.59	1/2	1,281.40	1/2	985.20	1/2	695.06	1/2	398.70	1/2	102.37	1/2		1/2		1/2	
3/4	1,867.46	3/4	1,571.42	3/4	1,275.23	3/4	979.03	3/4	688.90	3/4	392.53	3/4	96.23	3/4		3/4		3/4	
2	1,861.29	2	1,565.25	2	1,269.06	2	972.86	2	682.75	2	386.35	2	90.08	2		2		2	
1/4	1,855.13	1/4	1,559.08	1/4	1,262.89	1/4	966.76	1/4	676.57	1/4	380.18	1/4	83.96	1/4		1/4		1/4	
1/2	1,848.97	1/2	1,552.91	1/2	1,256.72	1/2	960.65	1/2	670.40	1/2	374.01	1/2	77.85	1/2		1/2		1/2	
3/4	1,842.81	3/4	1,546.74	3/4	1,250.54	3/4	954.54	3/4	664.22	3/4	367.83	3/4	71.73	3/4		3/4		3/4	
3	1,836.64	3	1,540.57	3	1,244.37	3	948.43	3	658.05	3	361.66	3	65.62	3		3		3	
1/4	1,830.48	1/4	1,534.40	1/4	1,238.20	1/4	942.39	1/4	651.87	1/4	355.48	1/4	59.56	1/4		1/4		1/4	
1/2	1,824.32	1/2	1,528.23	1/2	1,232.03	1/2	936.34	1/2	645.70	1/2	349.31	1/2	53.50	1/2		1/2		1/2	
3/4	1,818.16	3/4	1,522.06	3/4	1,225.86	3/4	930.30	3/4	639.53	3/4	343.13	3/4	47.44	3/4		3/4		3/4	
4	1,812.00	4	1,515.88	4	1,219.69	4	924.25	4	633.35	4	336.96	4	41.38	4		4		4	
1/4	1,805.83	1/4	1,509.71	1/4	1,213.52	1/4	918.21	1/4	627.18	1/4	330.78	1/4	36.24	1/4		1/4		1/4	
1/2	1,799.66	1/2	1,503.54	1/2	1,207.35	1/2	912.16	1/2	621.00	1/2	324.61	1/2	31.09	1/2		1/2		1/2	
3/4	1,793.49	3/4	1,497.37	3/4	1,201.18	3/4	906.12	3/4	614.83	3/4	318.43	3/4	25.94	3/4		3/4		3/4	
5	1,787.31	5	1,491.20	5	1,195.01	5	900.07	5	608.65	5	312.26	5	20.80	5		5		5	
1/4	1,781.14	1/4	1,485.03	1/4	1,188.84	1/4	894.05	1/4	602.48	1/4	306.08	1/4	17.70	1/4		1/4		1/4	
1/2	1,774.97	1/2	1,478.86	1/2	1,182.67	1/2	888.02	1/2	596.30	1/2	299.91	1/2	14.61	1/2		1/2		1/2	
3/4	1,768.80	3/4	1,472.69	3/4	1,176.50	3/4	881.99	3/4	590.13	3/4	293.73	3/4	11.52	3/4		3/4		3/4	
6	1,762.63	6	1,466.52	6	1,170.33	6	875.96	6	583.95	6	287.56	6	8.43	6		6		6	
1/4	1,756.46	1/4	1,460.35	1/4	1,164.16	1/4	869.95	1/4	577.78	1/4	281.38	1/4	7.39	1/4		1/4		1/4	
1/2	1,750.29	1/2	1,454.18	1/2	1,157.98	1/2	863.94	1/2	571.60	1/2	275.21	1/2	6.36	1/2		1/2		1/2	
3/4	1,744.12	3/4	1,448.01	3/4	1,151.81	3/4	857.93	3/4	565.43	3/4	269.03	3/4	5.33	3/4		3/4		3/4	
7	1,737.95	7	1,441.84	7	1,145.64	7	851.91	7	559.25	7	262.86	7	4.30	7		7		7	
1/4	1,731.78	1/4	1,435.67	1/4	1,139.47	1/4	845.90	1/4	553.08	1/4	256.68	1/4		1/4		1/4		1/4	
1/2	1,725.61	1/2	1,429.50	1/2	1,133.30	1/2	839.89	1/2	546.90	1/2	250.51	1/2		1/2		1/2		1/2	
3/4	1,719.44	3/4	1,423.32	3/4	1,127.13	3/4	833.88	3/4	540.73	3/4	244.33	3/4		3/4		3/4		3/4	
8	1,713.27	8	1,417.15	8	1,120.96	8	827.87	8	534.55	8	238.16	8		8		8		8	
1/4	1,707.11	1/4	1,410.98	1/4	1,114.79	1/4	821.85	1/4	528.38	1/4	231.98	1/4		1/4		1/4		1/4	
1/2	1,700.94	1/2	1,404.81	1/2	1,108.62	1/2	815.84	1/2	522.20	1/2	225.81	1/2		1/2		1/2		1/2	
3/4	1,694.77	3/4	1,398.64	3/4	1,102.45	3/4	809.83	3/4	516.03	3/4	219.63	3/4		3/4		3/4		3/4	
9	1,688.61	9	1,392.47	9	1,096.28	9	803.82	9	509.85	9	213.46	9		9		9		9	
1/4	1,682.44	1/4	1,386.30	1/4	1,090.11	1/4	797.81	1/4	503.68	1/4	207.28	1/4		1/4		1/4		1/4	
1/2	1,676.27	1/2	1,380.13	1/2	1,083.94	1/2	791.79	1/2	497.50	1/2	201.11	1/2		1/2		1/2		1/2	
3/4	1,670.10	3/4	1,373.96	3/4	1,077.77	3/4	785.78	3/4	491.33	3/4	194.93	3/4		3/4		3/4		3/4	
10	1,663.94	10	1,367.79	10	1,071.59	10	779.77	10	485.15	10	188.76	10		10		10		10	
1/4	1,657.77	1/4	1,361.62	1/4	1,065.42	1/4	773.76	1/4	478.98	1/4	182.58	1/4		1/4		1/4		1/4	
1/2	1,651.60	1/2	1,355.45	1/2	1,059.25	1/2	767.75	1/2	472.80	1/2	176.41	1/2		1/2		1/2		1/2	
3/4	1,645.44	3/4	1,349.28	3/4	1,053.08	3/4	761.73	3/4	466.63	3/4	170.24	3/4		3/4		3/4		3/4	
11	1,639.27	11	1,343.11	11	1,046.91	11	755.72	11	460.45	11	164.06	11		11		11		11	
1/4	1,633.10	1/4	1,336.93	1/4	1,040.74	1/4	749.71	1/4	454.28	1/4	157.88	1/4		1/4		1/4		1/4	
1/2	1,626.94	1/2	1,330.76	1/2	1,034.57	1/2	743.70	1/2	448.10	1/2	151.70	1/2		1/2		1/2		1/2	
3/4	1,620.77	3/4	1,324.59	3/4	1,028.40	3/4	737.69	3/4	441.93	3/4	145.52	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/05/2015 CL
CALCULATED: 02/05/2015 CL
PRINTED: 02/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

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



BARGE "KIRBY 10127"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

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	3,250.86	0	2,989.27	0	2,727.68	0	2,465.65	0	2,202.66	0	1,939.66
1/4		1/4		1/4		1/4	3,471.82	1/4	3,245.41	1/4	2,983.82	1/4	2,722.23	1/4	2,460.17	1/4	2,197.18	1/4	1,934.19
1/2		1/2		1/2		1/2	3,470.90	1/2	3,239.96	1/2	2,978.37	1/2	2,716.78	1/2	2,454.69	1/2	2,191.70	1/2	1,928.71
3/4		3/4		3/4		3/4	3,469.99	3/4	3,234.51	3/4	2,972.92	3/4	2,711.33	3/4	2,449.21	3/4	2,186.22	3/4	1,923.23
1		1		1		1	3,469.08	1	3,229.06	1	2,967.47	1	2,705.88	1	2,443.73	1	2,180.74	1	1,917.75
1/4		1/4		1/4		1/4	3,468.16	1/4	3,223.61	1/4	2,962.02	1/4	2,700.43	1/4	2,438.25	1/4	2,175.26	1/4	1,912.27
1/2		1/2		1/2		1/2	3,465.42	1/2	3,218.16	1/2	2,956.57	1/2	2,694.98	1/2	2,432.77	1/2	2,169.78	1/2	1,906.79
3/4		3/4		3/4		3/4	3,462.68	3/4	3,212.71	3/4	2,951.12	3/4	2,689.53	3/4	2,427.30	3/4	2,164.30	3/4	1,901.31
2		2		2		2	3,459.94	2	3,207.26	2	2,945.67	2	2,684.08	2	2,421.82	2	2,158.82	2	1,895.83
1/4		1/4		1/4		1/4	3,457.20	1/4	3,201.81	1/4	2,940.22	1/4	2,678.63	1/4	2,416.34	1/4	2,153.35	1/4	1,890.35
1/2		1/2		1/2		1/2	3,452.76	1/2	3,196.36	1/2	2,934.77	1/2	2,673.18	1/2	2,410.86	1/2	2,147.87	1/2	1,884.87
3/4		3/4		3/4		3/4	3,448.32	3/4	3,190.91	3/4	2,929.32	3/4	2,667.73	3/4	2,405.38	3/4	2,142.39	3/4	1,879.40
3		3		3		3	3,443.88	3	3,185.46	3	2,923.87	3	2,662.28	3	2,399.90	3	2,136.91	3	1,873.92
1/4		1/4		1/4		1/4	3,439.44	1/4	3,180.01	1/4	2,918.42	1/4	2,656.83	1/4	2,394.42	1/4	2,131.43	1/4	1,868.44
1/2		1/2		1/2		1/2	3,434.13	1/2	3,174.56	1/2	2,912.97	1/2	2,651.38	1/2	2,388.94	1/2	2,125.95	1/2	1,862.96
3/4		3/4		3/4		3/4	3,428.82	3/4	3,169.11	3/4	2,907.52	3/4	2,645.93	3/4	2,383.46	3/4	2,120.47	3/4	1,857.48
4		4		4		4	3,423.51	4	3,163.66	4	2,902.07	4	2,640.48	4	2,377.98	4	2,114.99	4	1,852.00
1/4		1/4		1/4		1/4	3,418.20	1/4	3,158.21	1/4	2,896.62	1/4	2,635.03	1/4	2,372.51	1/4	2,109.51	1/4	1,846.52
1/2		1/2		1/2		1/2	3,412.86	1/2	3,152.76	1/2	2,891.17	1/2	2,629.58	1/2	2,367.03	1/2	2,104.03	1/2	1,841.04
3/4		3/4		3/4		3/4	3,407.52	3/4	3,147.31	3/4	2,885.72	3/4	2,624.13	3/4	2,361.55	3/4	2,098.56	3/4	1,835.56
5		5		5		5	3,402.17	5	3,141.86	5	2,880.27	5	2,618.68	5	2,356.07	5	2,093.08	5	1,830.08
1/4		1/4		1/4		1/4	3,396.83	1/4	3,136.41	1/4	2,874.82	1/4	2,613.23	1/4	2,350.59	1/4	2,087.60	1/4	1,824.61
1/2		1/2		1/2		1/2	3,391.48	1/2	3,130.96	1/2	2,869.37	1/2	2,607.78	1/2	2,345.11	1/2	2,082.12	1/2	1,819.13
3/4		3/4		3/4		3/4	3,386.12	3/4	3,125.51	3/4	2,863.92	3/4	2,602.33	3/4	2,339.63	3/4	2,076.64	3/4	1,813.65
6		6		6		6	3,380.77	6	3,120.06	6	2,858.47	6	2,596.88	6	2,334.15	6	2,071.16	6	1,808.17
1/4		1/4		1/4		1/4	3,375.42	1/4	3,114.61	1/4	2,853.02	1/4	2,591.43	1/4	2,328.67	1/4	2,065.68	1/4	1,802.69
1/2		1/2		1/2		1/2	3,370.07	1/2	3,109.16	1/2	2,847.57	1/2	2,585.98	1/2	2,323.19	1/2	2,060.20	1/2	1,797.21
3/4		3/4		3/4		3/4	3,364.71	3/4	3,103.71	3/4	2,842.12	3/4	2,580.53	3/4	2,317.72	3/4	2,054.72	3/4	1,791.73
7		7		7		7	3,359.36	7	3,098.26	7	2,836.67	7	2,575.08	7	2,312.24	7	2,049.24	7	1,786.25
1/4		1/4		1/4		1/4	3,354.01	1/4	3,092.81	1/4	2,831.22	1/4	2,569.63	1/4	2,306.76	1/4	2,043.77	1/4	1,780.77
1/2		1/2		1/2		1/2	3,348.66	1/2	3,087.36	1/2	2,825.77	1/2	2,564.18	1/2	2,301.28	1/2	2,038.29	1/2	1,775.29
3/4		3/4		3/4		3/4	3,343.31	3/4	3,081.91	3/4	2,820.32	3/4	2,558.73	3/4	2,295.80	3/4	2,032.81	3/4	1,769.82
8		8		8		8	3,337.96	8	3,076.46	8	2,814.87	8	2,553.28	8	2,290.32	8	2,027.33	8	1,764.34
1/4		1/4		1/4		1/4	3,332.60	1/4	3,071.01	1/4	2,809.42	1/4	2,547.83	1/4	2,284.84	1/4	2,021.85	1/4	1,758.86
1/2		1/2		1/2		1/2	3,327.15	1/2	3,065.56	1/2	2,803.97	1/2	2,542.35	1/2	2,279.36	1/2	2,016.37	1/2	1,753.38
3/4		3/4		3/4		3/4	3,321.71	3/4	3,060.11	3/4	2,798.52	3/4	2,536.88	3/4	2,273.88	3/4	2,010.89	3/4	1,747.90
9		9		9		9	3,316.26	9	3,054.66	9	2,793.07	9	2,531.40	9	2,268.40	9	2,005.41	9	1,742.42
1/4		1/4		1/4		1/4	3,310.81	1/4	3,049.22	1/4	2,787.62	1/4	2,525.92	1/4	2,262.93	1/4	1,999.93	1/4	1,736.94
1/2		1/2		1/2		1/2	3,305.36	1/2	3,043.77	1/2	2,782.17	1/2	2,520.44	1/2	2,257.45	1/2	1,994.45	1/2	1,731.46
3/4		3/4		3/4		3/4	3,299.91	3/4	3,038.32	3/4	2,776.73	3/4	2,514.96	3/4	2,251.97	3/4	1,988.98	3/4	1,725.98
10		10		10		10	3,294.46	10	3,032.87	10	2,771.28	10	2,509.48	10	2,246.49	10	1,983.50	10	1,720.50
1/4		1/4		1/4		1/4	3,289.01	1/4	3,027.42	1/4	2,765.83	1/4	2,504.00	1/4	2,241.01	1/4	1,978.02	1/4	1,715.03
1/2		1/2		1/2		1/2	3,283.56	1/2	3,021.97	1/2	2,760.38	1/2	2,498.52	1/2	2,235.53	1/2	1,972.54	1/2	1,709.55
3/4		3/4		3/4		3/4	3,278.11	3/4	3,016.52	3/4	2,754.93	3/4	2,493.04	3/4	2,230.05	3/4	1,967.06	3/4	1,704.07
11		11		11		11	3,272.66	11	3,011.07	11	2,749.48	11	2,487.56	11	2,224.57	11	1,961.58	11	1,698.59
1/4		1/4		1/4		1/4	3,267.21	1/4	3,005.62	1/4	2,744.03	1/4	2,482.09	1/4	2,219.09	1/4	1,956.10	1/4	1,693.11
1/2		1/2		1/2		1/2	3,261.76	1/2	3,000.17	1/2	2,738.58	1/2	2,476.61	1/2	2,213.61	1/2	1,950.62	1/2	1,687.63
3/4		3/4		3/4		3/4	3,256.31	3/4	2,994.72	3/4	2,733.13	3/4	2,471.13	3/4	2,208.14	3/4	1,945.14	3/4	1,682.15

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 10127"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,676.67	0	1,413.68	0	1,150.52	0	889.14	0	630.10	0	367.01	0	103.94	0		0		0	
1/4	1,671.19	1/4	1,408.20	1/4	1,145.04	1/4	883.74	1/4	624.66	1/4	361.53	1/4	98.48	1/4		1/4		1/4	
1/2	1,665.71	1/2	1,402.72	1/2	1,139.56	1/2	878.35	1/2	619.18	1/2	356.04	1/2	93.03	1/2		1/2		1/2	
3/4	1,660.24	3/4	1,397.24	3/4	1,134.08	3/4	872.95	3/4	613.70	3/4	350.56	3/4	87.58	3/4		3/4		3/4	
1	1,654.76	1	1,391.75	1	1,128.59	1	867.55	1	608.22	1	345.08	1	82.13	1		1		1	
1/4	1,649.28	1/4	1,386.27	1/4	1,123.11	1/4	862.15	1/4	602.74	1/4	339.60	1/4	76.69	1/4		1/4		1/4	
1/2	1,643.80	1/2	1,380.79	1/2	1,117.63	1/2	856.76	1/2	597.26	1/2	334.12	1/2	71.27	1/2		1/2		1/2	
3/4	1,638.32	3/4	1,375.31	3/4	1,112.15	3/4	851.36	3/4	591.77	3/4	328.63	3/4	65.85	3/4		3/4		3/4	
2	1,632.84	2	1,369.82	2	1,106.66	2	845.96	2	586.29	2	323.15	2	60.43	2		2		2	
1/4	1,627.36	1/4	1,364.34	1/4	1,101.18	1/4	840.56	1/4	580.81	1/4	317.67	1/4	55.01	1/4		1/4		1/4	
1/2	1,621.88	1/2	1,358.86	1/2	1,095.70	1/2	835.17	1/2	575.33	1/2	312.19	1/2	49.64	1/2		1/2		1/2	
3/4	1,616.40	3/4	1,353.38	3/4	1,090.22	3/4	829.77	3/4	569.85	3/4	306.71	3/4	44.27	3/4		3/4		3/4	
3	1,610.92	3	1,347.89	3	1,084.73	3	824.37	3	564.36	3	301.22	3	38.91	3		3		3	
1/4	1,605.45	1/4	1,342.41	1/4	1,079.25	1/4	818.97	1/4	558.88	1/4	295.74	1/4	33.54	1/4		1/4		1/4	
1/2	1,599.97	1/2	1,336.93	1/2	1,073.77	1/2	813.58	1/2	553.40	1/2	290.26	1/2	28.98	1/2		1/2		1/2	
3/4	1,594.49	3/4	1,331.45	3/4	1,068.29	3/4	808.19	3/4	547.92	3/4	284.78	3/4	24.42	3/4		3/4		3/4	
4	1,589.01	4	1,325.96	4	1,062.80	4	802.80	4	542.44	4	279.29	4	19.86	4		4		4	
1/4	1,583.53	1/4	1,320.48	1/4	1,057.32	1/4	797.40	1/4	536.95	1/4	273.81	1/4	15.29	1/4		1/4		1/4	
1/2	1,578.05	1/2	1,315.00	1/2	1,051.84	1/2	792.01	1/2	531.47	1/2	268.33	1/2	12.55	1/2		1/2		1/2	
3/4	1,572.57	3/4	1,309.52	3/4	1,046.36	3/4	786.62	3/4	525.99	3/4	262.85	3/4	9.81	3/4		3/4		3/4	
5	1,567.09	5	1,304.03	5	1,040.87	5	781.23	5	520.51	5	257.37	5	7.07	5		5		5	
1/4	1,561.61	1/4	1,298.55	1/4	1,035.39	1/4	775.83	1/4	515.03	1/4	251.88	1/4	4.33	1/4		1/4		1/4	
1/2	1,556.13	1/2	1,293.07	1/2	1,029.91	1/2	770.44	1/2	509.54	1/2	246.40	1/2	3.42	1/2		1/2		1/2	
3/4	1,550.66	3/4	1,287.59	3/4	1,024.43	3/4	765.05	3/4	504.06	3/4	240.92	3/4	2.50	3/4		3/4		3/4	
6	1,545.18	6	1,282.10	6	1,018.94	6	759.66	6	498.58	6	235.44	6	1.59	6		6		6	
1/4	1,539.70	1/4	1,276.62	1/4	1,013.46	1/4	754.26	1/4	493.10	1/4	229.96	1/4	0.68	1/4		1/4		1/4	
1/2	1,534.22	1/2	1,271.14	1/2	1,008.02	1/2	748.87	1/2	487.61	1/2	224.47	1/2		1/2		1/2		1/2	
3/4	1,528.74	3/4	1,265.66	3/4	1,002.58	3/4	743.48	3/4	482.13	3/4	218.99	3/4		3/4		3/4		3/4	
7	1,523.26	7	1,260.17	7	997.14	7	738.09	7	476.65	7	213.51	7		7		7		7	
1/4	1,517.78	1/4	1,254.69	1/4	991.70	1/4	732.69	1/4	471.17	1/4	208.03	1/4		1/4		1/4		1/4	
1/2	1,512.30	1/2	1,249.21	1/2	986.30	1/2	727.30	1/2	465.69	1/2	202.55	1/2		1/2		1/2		1/2	
3/4	1,506.82	3/4	1,243.73	3/4	980.90	3/4	721.91	3/4	460.20	3/4	197.06	3/4		3/4		3/4		3/4	
8	1,501.34	8	1,238.24	8	975.51	8	716.52	8	454.72	8	191.58	8		8		8		8	
1/4	1,495.87	1/4	1,232.76	1/4	970.11	1/4	711.12	1/4	449.24	1/4	186.10	1/4		1/4		1/4		1/4	
1/2	1,490.39	1/2	1,227.28	1/2	964.71	1/2	705.73	1/2	443.76	1/2	180.62	1/2		1/2		1/2		1/2	
3/4	1,484.91	3/4	1,221.80	3/4	959.31	3/4	700.34	3/4	438.28	3/4	175.13	3/4		3/4		3/4		3/4	
9	1,479.43	9	1,216.31	9	953.91	9	694.95	9	432.79	9	169.65	9		9		9		9	
1/4	1,473.95	1/4	1,210.83	1/4	948.52	1/4	689.55	1/4	427.31	1/4	164.17	1/4		1/4		1/4		1/4	
1/2	1,468.47	1/2	1,205.35	1/2	943.12	1/2	684.16	1/2	421.83	1/2	158.69	1/2		1/2		1/2		1/2	
3/4	1,462.99	3/4	1,199.87	3/4	937.72	3/4	678.77	3/4	416.35	3/4	153.21	3/4		3/4		3/4		3/4	
10	1,457.51	10	1,194.38	10	932.32	10	673.38	10	410.87	10	147.73	10		10		10		10	
1/4	1,452.03	1/4	1,188.90	1/4	926.93	1/4	667.99	1/4	405.38	1/4	142.25	1/4		1/4		1/4		1/4	
1/2	1,446.55	1/2	1,183.42	1/2	921.53	1/2	662.59	1/2	399.90	1/2	136.77	1/2		1/2		1/2		1/2	
3/4	1,441.08	3/4	1,177.94	3/4	916.13	3/4	657.20	3/4	394.42	3/4	131.29	3/4		3/4		3/4		3/4	
11	1,435.60	11	1,172.45	11	910.73	11	651.81	11	388.94	11	125.82	11		11		11		11	
1/4	1,430.12	1/4	1,166.97	1/4	905.34	1/4	646.42	1/4	383.45	1/4	120.34	1/4		1/4		1/4		1/4	
1/2	1,424.64	1/2	1,161.49	1/2	899.94	1/2	640.98	1/2	377.97	1/2	114.87	1/2		1/2		1/2		1/2	
3/4	1,419.16	3/4	1,156.01	3/4	894.54	3/4	635.54	3/4	372.49	3/4	109.41	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/05/2015 CL
CALCULATED: 02/05/2015 CL
PRINTED: 02/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

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



BARGE "KIRBY 10127"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

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		0		0		0		0	
1/4		1/4		1/4		1/4	3,451.44	1/4	3,226.66	1/4	2,966.93	1/4	2,707.19	1/4	2,447.00	1/4	2,191.31	1/4	1,924.75	1/4	1,930.19
1/2		1/2		1/2		1/2	3,450.54	1/2	3,221.25	1/2	2,961.51	1/2	2,701.78	1/2	2,441.56	1/2	2,180.43	1/2	1,919.31	1/2	1,919.31
3/4		3/4		3/4		3/4	3,449.63	3/4	3,215.84	3/4	2,956.10	3/4	2,696.37	3/4	2,436.12	3/4	2,174.99	3/4	1,913.87	3/4	1,913.87
1		1		1		1	3,448.72	1	3,210.43	1	2,950.69	1	2,690.96	1	2,430.68	1	2,169.55	1	1,908.43	1	1,908.43
1/4		1/4		1/4		1/4	3,447.82	1/4	3,205.01	1/4	2,945.28	1/4	2,685.55	1/4	2,425.24	1/4	2,164.11	1/4	1,902.99	1/4	1,902.99
1/2		1/2		1/2		1/2	3,445.09	1/2	3,199.60	1/2	2,939.87	1/2	2,680.14	1/2	2,419.80	1/2	2,158.67	1/2	1,897.55	1/2	1,897.55
3/4		3/4		3/4		3/4	3,442.37	3/4	3,194.19	3/4	2,934.46	3/4	2,674.73	3/4	2,414.36	3/4	2,153.23	3/4	1,892.11	3/4	1,892.11
2		2		2		2	3,439.65	2	3,188.78	2	2,929.05	2	2,669.32	2	2,408.92	2	2,147.79	2	1,886.67	2	1,886.67
1/4		1/4		1/4		1/4	3,436.93	1/4	3,183.37	1/4	2,923.64	1/4	2,663.90	1/4	2,403.48	1/4	2,142.35	1/4	1,881.23	1/4	1,881.23
1/2		1/2		1/2		1/2	3,432.52	1/2	3,177.96	1/2	2,918.23	1/2	2,658.49	1/2	2,398.04	1/2	2,136.91	1/2	1,875.79	1/2	1,875.79
3/4		3/4		3/4		3/4	3,428.11	3/4	3,172.55	3/4	2,912.81	3/4	2,653.08	3/4	2,392.60	3/4	2,131.47	3/4	1,870.35	3/4	1,870.35
3		3		3		3	3,423.71	3	3,167.14	3	2,907.40	3	2,647.67	3	2,387.16	3	2,126.03	3	1,864.91	3	1,864.91
1/4		1/4		1/4		1/4	3,419.30	1/4	3,161.73	1/4	2,901.99	1/4	2,642.26	1/4	2,381.72	1/4	2,120.59	1/4	1,859.47	1/4	1,859.47
1/2		1/2		1/2		1/2	3,414.03	1/2	3,156.31	1/2	2,896.58	1/2	2,636.85	1/2	2,376.27	1/2	2,115.15	1/2	1,854.03	1/2	1,854.03
3/4		3/4		3/4		3/4	3,408.76	3/4	3,150.90	3/4	2,891.17	3/4	2,631.44	3/4	2,370.83	3/4	2,109.71	3/4	1,848.59	3/4	1,848.59
4		4		4		4	3,403.48	4	3,145.49	4	2,885.76	4	2,626.03	4	2,365.39	4	2,104.27	4	1,843.15	4	1,843.15
1/4		1/4		1/4		1/4	3,398.21	1/4	3,140.08	1/4	2,880.35	1/4	2,620.62	1/4	2,359.95	1/4	2,098.83	1/4	1,837.71	1/4	1,837.71
1/2		1/2		1/2		1/2	3,392.91	1/2	3,134.67	1/2	2,874.94	1/2	2,615.20	1/2	2,354.51	1/2	2,093.39	1/2	1,832.26	1/2	1,832.26
3/4		3/4		3/4		3/4	3,387.61	3/4	3,129.26	3/4	2,869.53	3/4	2,609.79	3/4	2,349.07	3/4	2,087.95	3/4	1,826.82	3/4	1,826.82
5		5		5		5	3,382.30	5	3,123.85	5	2,864.11	5	2,604.38	5	2,343.63	5	2,082.51	5	1,821.38	5	1,821.38
1/4		1/4		1/4		1/4	3,377.00	1/4	3,118.44	1/4	2,858.70	1/4	2,598.97	1/4	2,338.19	1/4	2,077.07	1/4	1,815.94	1/4	1,815.94
1/2		1/2		1/2		1/2	3,371.68	1/2	3,113.03	1/2	2,853.29	1/2	2,593.56	1/2	2,332.75	1/2	2,071.63	1/2	1,810.50	1/2	1,810.50
3/4		3/4		3/4		3/4	3,366.36	3/4	3,107.61	3/4	2,847.88	3/4	2,588.15	3/4	2,327.31	3/4	2,066.19	3/4	1,805.06	3/4	1,805.06
6		6		6		6	3,361.05	6	3,102.20	6	2,842.47	6	2,582.74	6	2,321.87	6	2,060.75	6	1,799.62	6	1,799.62
1/4		1/4		1/4		1/4	3,355.73	1/4	3,096.79	1/4	2,837.06	1/4	2,577.33	1/4	2,316.43	1/4	2,055.31	1/4	1,794.18	1/4	1,794.18
1/2		1/2		1/2		1/2	3,350.42	1/2	3,091.38	1/2	2,831.65	1/2	2,571.92	1/2	2,310.99	1/2	2,049.87	1/2	1,788.74	1/2	1,788.74
3/4		3/4		3/4		3/4	3,345.10	3/4	3,085.97	3/4	2,826.24	3/4	2,566.50	3/4	2,305.55	3/4	2,044.43	3/4	1,783.30	3/4	1,783.30
7		7		7		7	3,339.79	7	3,080.56	7	2,820.83	7	2,561.09	7	2,300.11	7	2,038.99	7	1,777.86	7	1,777.86
1/4		1/4		1/4		1/4	3,334.48	1/4	3,075.15	1/4	2,815.42	1/4	2,555.68	1/4	2,294.67	1/4	2,033.55	1/4	1,772.42	1/4	1,772.42
1/2		1/2		1/2		1/2	3,329.17	1/2	3,069.74	1/2	2,810.00	1/2	2,550.27	1/2	2,289.23	1/2	2,028.11	1/2	1,766.98	1/2	1,766.98
3/4		3/4		3/4		3/4	3,323.86	3/4	3,064.33	3/4	2,804.59	3/4	2,544.86	3/4	2,283.79	3/4	2,022.67	3/4	1,761.54	3/4	1,761.54
8		8		8		8	3,318.55	8	3,058.91	8	2,799.18	8	2,539.45	8	2,278.35	8	2,017.23	8	1,756.10	8	1,756.10
1/4		1/4		1/4		1/4	3,313.24	1/4	3,053.50	1/4	2,793.77	1/4	2,534.04	1/4	2,272.91	1/4	2,011.79	1/4	1,750.66	1/4	1,750.66
1/2		1/2		1/2		1/2	3,307.83	1/2	3,048.09	1/2	2,788.36	1/2	2,528.60	1/2	2,267.47	1/2	2,006.35	1/2	1,745.22	1/2	1,745.22
3/4		3/4		3/4		3/4	3,302.41	3/4	3,042.68	3/4	2,782.95	3/4	2,523.16	3/4	2,262.03	3/4	2,000.91	3/4	1,739.78	3/4	1,739.78
9		9		9		9	3,297.00	9	3,037.27	9	2,777.54	9	2,517.72	9	2,256.59	9	1,995.47	9	1,734.34	9	1,734.34
1/4		1/4		1/4		1/4	3,291.59	1/4	3,031.86	1/4	2,772.13	1/4	2,512.28	1/4	2,251.15	1/4	1,990.03	1/4	1,728.90	1/4	1,728.90
1/2		1/2		1/2		1/2	3,286.18	1/2	3,026.45	1/2	2,766.72	1/2	2,506.84	1/2	2,245.71	1/2	1,984.59	1/2	1,723.46	1/2	1,723.46
3/4		3/4		3/4		3/4	3,280.77	3/4	3,021.04	3/4	2,761.30	3/4	2,501.40	3/4	2,240.27	3/4	1,979.15	3/4	1,718.02	3/4	1,718.02
10		10		10		10	3,275.36	10	3,015.63	10	2,755.89	10	2,495.96	10	2,234.83	10	1,973.71	10	1,712.58	10	1,712.58
1/4		1/4		1/4		1/4	3,269.95	1/4	3,010.21	1/4	2,750.48	1/4	2,490.52	1/4	2,229.39	1/4	1,968.27	1/4	1,707.14	1/4	1,707.14
1/2		1/2		1/2		1/2	3,264.54	1/2	3,004.80	1/2	2,745.07	1/2	2,485.08	1/2	2,223.95	1/2	1,962.83	1/2	1,701.70	1/2	1,701.70
3/4		3/4		3/4		3/4	3,259.13	3/4	2,999.39	3/4	2,739.66	3/4	2,479.64	3/4	2,218.51	3/4	1,957.39	3/4	1,696.26	3/4	1,696.26
11		11		11		11	3,253.71	11	2,993.98	11	2,734.25	11	2,474.20	11	2,213.07	11	1,951.95	11	1,690.82	11	1,690.82
1/4		1/4		1/4		1/4	3,248.30	1/4	2,988.57	1/4	2,728.84	1/4	2,468.76	1/4	2,207.63	1/4	1,946.51	1/4	1,685.38	1/4	1,685.38
1/2		1/2		1/2		1/2	3,242.89	1/2	2,983.16	1/2	2,723.43	1/2	2,463.32	1/2	2,202.19	1/2	1,941.07	1/2	1,679.94	1/2	1,679.94
3/4		3/4		3/4		3/4	3,237.48	3/4	2,977.75	3/4	2,718.02	3/4	2,457.88	3/4	2,196.75	3/4	1,935.63	3/4	1,674.50	3/4	1,674.50

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'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "KIRBY 10127"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,669.06	0	1,407.94	0	1,146.64	0	886.18	0	625.68	0	364.41	0	103.21	0		0		0	
1/4	1,663.62	1/4	1,402.50	1/4	1,141.20	1/4	880.78	1/4	620.24	1/4	358.97	1/4	97.78	1/4		1/4		1/4	
1/2	1,658.18	1/2	1,397.05	1/2	1,135.76	1/2	875.37	1/2	614.80	1/2	353.52	1/2	92.38	1/2		1/2		1/2	
3/4	1,652.74	3/4	1,391.61	3/4	1,130.31	3/4	869.96	3/4	609.35	3/4	348.08	3/4	86.97	3/4		3/4		3/4	
1	1,647.30	1	1,386.17	1	1,124.87	1	864.55	1	603.91	1	342.64	1	81.56	1		1		1	
1/4	1,641.86	1/4	1,380.72	1/4	1,119.42	1/4	859.15	1/4	598.47	1/4	337.20	1/4	76.15	1/4		1/4		1/4	
1/2	1,636.42	1/2	1,375.28	1/2	1,113.98	1/2	853.74	1/2	593.03	1/2	331.75	1/2	70.77	1/2		1/2		1/2	
3/4	1,630.98	3/4	1,369.83	3/4	1,108.54	3/4	848.33	3/4	587.58	3/4	326.31	3/4	65.39	3/4		3/4		3/4	
2	1,625.54	2	1,364.39	2	1,103.09	2	842.92	2	582.14	2	320.87	2	60.01	2		2		2	
1/4	1,620.10	1/4	1,358.95	1/4	1,097.65	1/4	837.52	1/4	576.70	1/4	315.42	1/4	54.63	1/4		1/4		1/4	
1/2	1,614.66	1/2	1,353.50	1/2	1,092.21	1/2	832.11	1/2	571.25	1/2	309.98	1/2	49.30	1/2		1/2		1/2	
3/4	1,609.22	3/4	1,348.06	3/4	1,086.76	3/4	826.70	3/4	565.81	3/4	304.54	3/4	43.97	3/4		3/4		3/4	
3	1,603.78	3	1,342.62	3	1,081.32	3	821.30	3	560.37	3	299.09	3	38.63	3		3		3	
1/4	1,598.34	1/4	1,337.17	1/4	1,075.88	1/4	815.89	1/4	554.92	1/4	293.65	1/4	33.30	1/4		1/4		1/4	
1/2	1,592.90	1/2	1,331.73	1/2	1,070.43	1/2	810.49	1/2	549.48	1/2	288.21	1/2	28.78	1/2		1/2		1/2	
3/4	1,587.46	3/4	1,326.29	3/4	1,064.99	3/4	805.08	3/4	544.04	3/4	282.76	3/4	24.25	3/4		3/4		3/4	
4	1,582.02	4	1,320.84	4	1,059.54	4	799.68	4	538.59	4	277.32	4	19.72	4		4		4	
1/4	1,576.58	1/4	1,315.40	1/4	1,054.10	1/4	794.28	1/4	533.15	1/4	271.88	1/4	15.19	1/4		1/4		1/4	
1/2	1,571.14	1/2	1,309.95	1/2	1,048.66	1/2	788.84	1/2	527.71	1/2	266.43	1/2	12.47	1/2		1/2		1/2	
3/4	1,565.70	3/4	1,304.51	3/4	1,043.21	3/4	783.40	3/4	522.26	3/4	260.99	3/4	9.75	3/4		3/4		3/4	
5	1,560.26	5	1,299.07	5	1,037.77	5	777.97	5	516.82	5	255.55	5	7.03	5		5		5	
1/4	1,554.82	1/4	1,293.62	1/4	1,032.33	1/4	772.53	1/4	511.38	1/4	250.10	1/4	4.31	1/4		1/4		1/4	
1/2	1,549.38	1/2	1,288.18	1/2	1,026.88	1/2	767.09	1/2	505.93	1/2	244.66	1/2	3.40	1/2		1/2		1/2	
3/4	1,543.94	3/4	1,282.74	3/4	1,021.44	3/4	761.65	3/4	500.49	3/4	239.22	3/4	2.49	3/4		3/4		3/4	
6	1,538.50	6	1,277.29	6	1,015.99	6	756.21	6	495.05	6	233.77	6	1.58	6		6		6	
1/4	1,533.06	1/4	1,271.85	1/4	1,010.55	1/4	750.77	1/4	489.60	1/4	228.33	1/4	0.68	1/4		1/4		1/4	
1/2	1,527.62	1/2	1,266.40	1/2	1,005.14	1/2	745.34	1/2	484.16	1/2	222.89	1/2		1/2		1/2		1/2	
3/4	1,522.18	3/4	1,260.96	3/4	999.74	3/4	739.90	3/4	478.72	3/4	217.44	3/4		3/4		3/4		3/4	
7	1,516.74	7	1,255.52	7	994.33	7	734.46	7	473.28	7	212.00	7		7		7		7	
1/4	1,511.30	1/4	1,250.07	1/4	988.92	1/4	729.02	1/4	467.83	1/4	206.56	1/4		1/4		1/4		1/4	
1/2	1,505.86	1/2	1,244.63	1/2	983.51	1/2	723.58	1/2	462.39	1/2	201.12	1/2		1/2		1/2		1/2	
3/4	1,500.42	3/4	1,239.19	3/4	978.11	3/4	718.14	3/4	456.95	3/4	195.67	3/4		3/4		3/4		3/4	
8	1,494.98	8	1,233.74	8	972.70	8	712.71	8	451.50	8	190.23	8		8		8		8	
1/4	1,489.54	1/4	1,228.30	1/4	967.29	1/4	707.27	1/4	446.06	1/4	184.79	1/4		1/4		1/4		1/4	
1/2	1,484.10	1/2	1,222.85	1/2	961.88	1/2	701.83	1/2	440.62	1/2	179.34	1/2		1/2		1/2		1/2	
3/4	1,478.66	3/4	1,217.41	3/4	956.48	3/4	696.39	3/4	435.17	3/4	173.90	3/4		3/4		3/4		3/4	
9	1,473.22	9	1,211.97	9	951.07	9	690.95	9	429.73	9	168.46	9		9		9		9	
1/4	1,467.78	1/4	1,206.52	1/4	945.66	1/4	685.51	1/4	424.29	1/4	163.01	1/4		1/4		1/4		1/4	
1/2	1,462.34	1/2	1,201.08	1/2	940.26	1/2	680.08	1/2	418.84	1/2	157.57	1/2		1/2		1/2		1/2	
3/4	1,456.90	3/4	1,195.64	3/4	934.85	3/4	674.64	3/4	413.40	3/4	152.13	3/4		3/4		3/4		3/4	
10	1,451.46	10	1,190.19	10	929.44	10	669.20	10	407.96	10	146.68	10		10		10		10	
1/4	1,446.02	1/4	1,184.75	1/4	924.03	1/4	663.76	1/4	402.51	1/4	141.24	1/4		1/4		1/4		1/4	
1/2	1,440.58	1/2	1,179.31	1/2	918.63	1/2	658.32	1/2	397.07	1/2	135.80	1/2		1/2		1/2		1/2	
3/4	1,435.14	3/4	1,173.86	3/4	913.22	3/4	652.89	3/4	391.63	3/4	130.37	3/4		3/4		3/4		3/4	
11	1,429.70	11	1,168.42	11	907.81	11	647.45	11	386.18	11	124.93	11		11		11		11	
1/4	1,424.26	1/4	1,162.97	1/4	902.40	1/4	642.01	1/4	380.74	1/4	119.49	1/4		1/4		1/4		1/4	
1/2	1,418.82	1/2	1,157.53	1/2	897.00	1/2	636.57	1/2	375.30	1/2	114.06	1/2		1/2		1/2		1/2	
3/4	1,413.38	3/4	1,152.09	3/4	891.59	3/4	631.13	3/4	369.85	3/4	108.64	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/05/2015 CL
CALCULATED: 02/05/2015 CL
PRINTED: 02/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

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