



BARGE "KIRBY 10131"

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	00-1/2	- 00-1/2	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	00-1/8	- 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
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 - 00-1/4"
 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'-03"

February 23, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10131"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	0	0	3,547.78	0	3,295.33	0	3,042.88	0	2,784.76	0	2,489.71	0	2,193.94
1/4		1/4		1/4		1/4		1/4	3,542.52	1/4	3,290.07	1/4	3,037.62	1/4	2,778.62	1/4	2,483.54	1/4	2,187.78
1/2		1/2		1/2		1/2	3,757.70	1/2	3,537.26	1/2	3,284.81	1/2	3,032.36	1/2	2,772.48	1/2	2,477.38	1/2	2,181.62
3/4		3/4		3/4		3/4	3,756.67	3/4	3,532.00	3/4	3,279.55	3/4	3,027.10	3/4	2,766.33	3/4	2,471.22	3/4	2,175.45
1	1	1	1	1	1	1	3,755.64	1	3,526.74	1	3,274.29	1	3,021.84	1	2,760.19	1	2,465.06	1	2,169.29
1/4		1/4		1/4		1/4	3,754.61	1/4	3,521.48	1/4	3,269.03	1/4	3,016.58	1/4	2,754.05	1/4	2,458.90	1/4	2,163.13
1/2		1/2		1/2		1/2	3,753.57	1/2	3,516.22	1/2	3,263.77	1/2	3,011.32	1/2	2,747.90	1/2	2,452.74	1/2	2,156.97
3/4		3/4		3/4		3/4	3,750.48	3/4	3,510.97	3/4	3,258.51	3/4	3,006.06	3/4	2,741.76	3/4	2,446.57	3/4	2,150.81
2	2	2	2	2	2	2	3,747.39	2	3,505.71	2	3,253.25	2	3,000.80	2	2,735.62	2	2,440.41	2	2,144.65
1/4		1/4		1/4		1/4	3,744.29	1/4	3,500.45	1/4	3,248.00	1/4	2,995.54	1/4	2,729.47	1/4	2,434.25	1/4	2,138.48
1/2		1/2		1/2		1/2	3,741.20	1/2	3,495.19	1/2	3,242.74	1/2	2,990.28	1/2	2,723.33	1/2	2,428.09	1/2	2,132.32
3/4		3/4		3/4		3/4	3,737.06	3/4	3,489.93	3/4	3,237.48	3/4	2,985.03	3/4	2,717.19	3/4	2,421.93	3/4	2,126.16
3	3	3	3	3	3	3	3,732.92	3	3,484.67	3	3,232.22	3	2,979.77	3	2,711.04	3	2,415.76	3	2,120.00
1/4		1/4		1/4		1/4	3,728.78	1/4	3,479.41	1/4	3,226.96	1/4	2,974.51	1/4	2,704.90	1/4	2,409.60	1/4	2,113.84
1/2		1/2		1/2		1/2	3,724.63	1/2	3,474.15	1/2	3,221.70	1/2	2,969.25	1/2	2,698.76	1/2	2,403.44	1/2	2,107.67
3/4		3/4		3/4		3/4	3,719.51	3/4	3,468.89	3/4	3,216.44	3/4	2,963.99	3/4	2,692.62	3/4	2,397.28	3/4	2,101.51
4	4	4	4	4	4	4	3,714.38	4	3,463.63	4	3,211.18	4	2,958.73	4	2,686.47	4	2,391.12	4	2,095.35
1/4		1/4		1/4		1/4	3,709.26	1/4	3,458.37	1/4	3,205.92	1/4	2,953.47	1/4	2,680.33	1/4	2,384.96	1/4	2,089.19
1/2		1/2		1/2		1/2	3,704.13	1/2	3,453.11	1/2	3,200.66	1/2	2,948.21	1/2	2,674.19	1/2	2,378.79	1/2	2,083.03
3/4		3/4		3/4		3/4	3,698.97	3/4	3,447.85	3/4	3,195.40	3/4	2,942.95	3/4	2,668.04	3/4	2,372.63	3/4	2,076.87
5	5	5	5	5	5	5	3,693.81	5	3,442.59	5	3,190.14	5	2,937.69	5	2,661.90	5	2,366.47	5	2,070.70
1/4		1/4		1/4		1/4	3,688.65	1/4	3,437.33	1/4	3,184.88	1/4	2,932.43	1/4	2,655.76	1/4	2,360.31	1/4	2,064.54
1/2		1/2		1/2		1/2	3,683.49	1/2	3,432.07	1/2	3,179.62	1/2	2,927.17	1/2	2,649.61	1/2	2,354.15	1/2	2,058.38
3/4		3/4		3/4		3/4	3,678.31	3/4	3,426.81	3/4	3,174.36	3/4	2,921.91	3/4	2,643.47	3/4	2,347.98	3/4	2,052.22
6	6	6	6	6	6	6	3,673.14	6	3,421.56	6	3,169.10	6	2,916.65	6	2,637.33	6	2,341.82	6	2,046.06
1/4		1/4		1/4		1/4	3,667.96	1/4	3,416.30	1/4	3,163.84	1/4	2,911.39	1/4	2,631.18	1/4	2,335.66	1/4	2,039.89
1/2		1/2		1/2		1/2	3,662.79	1/2	3,411.04	1/2	3,158.59	1/2	2,906.13	1/2	2,625.04	1/2	2,329.50	1/2	2,033.73
3/4		3/4		3/4		3/4	3,657.62	3/4	3,405.78	3/4	3,153.33	3/4	2,900.87	3/4	2,618.90	3/4	2,323.34	3/4	2,027.57
7	7	7	7	7	7	7	3,652.44	7	3,400.52	7	3,148.07	7	2,895.62	7	2,612.76	7	2,317.18	7	2,021.41
1/4		1/4		1/4		1/4	3,647.27	1/4	3,395.26	1/4	3,142.81	1/4	2,890.36	1/4	2,606.61	1/4	2,311.01	1/4	2,015.25
1/2		1/2		1/2		1/2	3,642.10	1/2	3,390.00	1/2	3,137.55	1/2	2,885.10	1/2	2,600.47	1/2	2,304.85	1/2	2,009.09
3/4		3/4		3/4		3/4	3,636.93	3/4	3,384.74	3/4	3,132.29	3/4	2,879.84	3/4	2,594.33	3/4	2,298.69	3/4	2,002.92
8	8	8	8	8	8	8	3,631.76	8	3,379.48	8	3,127.03	8	2,874.58	8	2,588.18	8	2,292.53	8	1,996.76
1/4		1/4		1/4		1/4	3,626.58	1/4	3,374.22	1/4	3,121.77	1/4	2,869.32	1/4	2,582.04	1/4	2,286.37	1/4	1,990.60
1/2		1/2		1/2		1/2	3,621.41	1/2	3,368.96	1/2	3,116.51	1/2	2,864.06	1/2	2,575.90	1/2	2,280.21	1/2	1,984.44
3/4		3/4		3/4		3/4	3,616.15	3/4	3,363.70	3/4	3,111.25	3/4	2,858.77	3/4	2,569.75	3/4	2,274.04	3/4	1,978.28
9	9	9	9	9	9	9	3,610.89	9	3,358.44	9	3,105.99	9	2,853.49	9	2,563.61	9	2,267.88	9	1,972.12
1/4		1/4		1/4		1/4	3,605.63	1/4	3,353.18	1/4	3,100.73	1/4	2,848.21	1/4	2,557.47	1/4	2,261.72	1/4	1,965.95
1/2		1/2		1/2		1/2	3,600.38	1/2	3,347.92	1/2	3,095.47	1/2	2,842.92	1/2	2,551.32	1/2	2,255.56	1/2	1,959.79
3/4		3/4		3/4		3/4	3,595.12	3/4	3,342.66	3/4	3,090.21	3/4	2,837.64	3/4	2,545.16	3/4	2,249.40	3/4	1,953.63
10	10	10	10	10	10	10	3,589.86	10	3,337.41	10	3,084.95	10	2,832.35	10	2,539.00	10	2,243.23	10	1,947.47
1/4		1/4		1/4		1/4	3,584.60	1/4	3,332.15	1/4	3,079.69	1/4	2,827.07	1/4	2,532.84	1/4	2,237.07	1/4	1,941.31
1/2		1/2		1/2		1/2	3,579.34	1/2	3,326.89	1/2	3,074.44	1/2	2,821.78	1/2	2,526.68	1/2	2,230.91	1/2	1,935.14
3/4		3/4		3/4		3/4	3,574.08	3/4	3,321.63	3/4	3,069.18	3/4	2,815.60	3/4	2,520.52	3/4	2,224.75	3/4	1,928.98
11	11	11	11	11	11	11	3,568.82	11	3,316.37	11	3,063.92	11	2,809.42	11	2,514.35	11	2,218.59	11	1,922.82
1/4		1/4		1/4		1/4	3,563.56	1/4	3,311.11	1/4	3,058.66	1/4	2,803.23	1/4	2,508.19	1/4	2,212.43	1/4	1,916.66
1/2		1/2		1/2		1/2	3,558.30	1/2	3,305.85	1/2	3,053.40	1/2	2,797.05	1/2	2,502.03	1/2	2,206.26	1/2	1,910.50
3/4		3/4		3/4		3/4	3,553.04	3/4	3,300.59	3/4	3,048.14	3/4	2,790.91	3/4	2,495.87	3/4	2,200.10	3/4	1,904.34

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
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BARGE "KIRBY 10131"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,898.17	0	1,602.19	0	1,306.02	0	1,009.84	0	719.49	0	423.38	0	127.00	0		0		0	
1/4	1,892.01	1/4	1,596.02	1/4	1,299.85	1/4	1,003.67	1/4	713.41	1/4	417.21	1/4	120.83	1/4		1/4		1/4	
1/2	1,885.85	1/2	1,589.86	1/2	1,293.68	1/2	997.50	1/2	707.34	1/2	411.03	1/2	114.66	1/2		1/2		1/2	
3/4	1,879.69	3/4	1,583.69	3/4	1,287.51	3/4	991.33	3/4	701.18	3/4	404.86	3/4	108.52	3/4		3/4		3/4	
1	1,873.53	1	1,577.52	1	1,281.34	1	985.16	1	695.03	1	398.69	1	102.37	1		1		1	
1/4	1,867.36	1/4	1,571.34	1/4	1,275.17	1/4	978.99	1/4	688.87	1/4	392.51	1/4	96.22	1/4		1/4		1/4	
1/2	1,861.20	1/2	1,565.17	1/2	1,269.00	1/2	972.82	1/2	682.71	1/2	386.34	1/2	90.07	1/2		1/2		1/2	
3/4	1,855.04	3/4	1,559.00	3/4	1,262.82	3/4	966.71	3/4	676.54	3/4	380.16	3/4	83.96	3/4		3/4		3/4	
2	1,848.88	2	1,552.83	2	1,256.65	2	960.60	2	670.36	2	373.99	2	77.85	2		2		2	
1/4	1,842.72	1/4	1,546.66	1/4	1,250.48	1/4	954.49	1/4	664.19	1/4	367.81	1/4	71.73	1/4		1/4		1/4	
1/2	1,836.56	1/2	1,540.49	1/2	1,244.31	1/2	948.39	1/2	658.02	1/2	361.64	1/2	65.62	1/2		1/2		1/2	
3/4	1,830.39	3/4	1,534.32	3/4	1,238.14	3/4	942.34	3/4	651.84	3/4	355.46	3/4	59.56	3/4		3/4		3/4	
3	1,824.23	3	1,528.15	3	1,231.97	3	936.30	3	645.67	3	349.29	3	53.50	3		3		3	
1/4	1,818.07	1/4	1,521.98	1/4	1,225.80	1/4	930.25	1/4	639.49	1/4	343.11	1/4	47.44	1/4		1/4		1/4	
1/2	1,811.91	1/2	1,515.81	1/2	1,219.63	1/2	924.21	1/2	633.32	1/2	336.94	1/2	41.38	1/2		1/2		1/2	
3/4	1,805.74	3/4	1,509.64	3/4	1,213.46	3/4	918.16	3/4	627.15	3/4	330.76	3/4	36.24	3/4		3/4		3/4	
4	1,799.57	4	1,503.47	4	1,207.29	4	912.12	4	620.97	4	324.59	4	31.09	4		4		4	
1/4	1,793.40	1/4	1,497.30	1/4	1,201.12	1/4	906.07	1/4	614.80	1/4	318.42	1/4	25.94	1/4		1/4		1/4	
1/2	1,787.23	1/2	1,491.13	1/2	1,194.95	1/2	900.03	1/2	608.62	1/2	312.24	1/2	20.80	1/2		1/2		1/2	
3/4	1,781.06	3/4	1,484.96	3/4	1,188.78	3/4	894.00	3/4	602.45	3/4	306.07	3/4	17.70	3/4		3/4		3/4	
5	1,774.89	5	1,478.79	5	1,182.61	5	887.97	5	596.27	5	299.89	5	14.61	5		5		5	
1/4	1,768.72	1/4	1,472.62	1/4	1,176.44	1/4	881.95	1/4	590.10	1/4	293.72	1/4	11.52	1/4		1/4		1/4	
1/2	1,762.55	1/2	1,466.45	1/2	1,170.27	1/2	875.92	1/2	583.92	1/2	287.54	1/2	8.43	1/2		1/2		1/2	
3/4	1,756.38	3/4	1,460.28	3/4	1,164.10	3/4	869.91	3/4	577.75	3/4	281.37	3/4	7.39	3/4		3/4		3/4	
6	1,750.21	6	1,454.11	6	1,157.93	6	863.90	6	571.57	6	275.19	6	6.36	6		6		6	
1/4	1,744.04	1/4	1,447.94	1/4	1,151.76	1/4	857.88	1/4	565.40	1/4	269.02	1/4	5.33	1/4		1/4		1/4	
1/2	1,737.87	1/2	1,441.77	1/2	1,145.59	1/2	851.87	1/2	559.23	1/2	262.84	1/2	4.30	1/2		1/2		1/2	
3/4	1,731.70	3/4	1,435.60	3/4	1,139.42	3/4	845.86	3/4	553.05	3/4	256.67	3/4		3/4		3/4		3/4	
7	1,725.53	7	1,429.43	7	1,133.25	7	839.85	7	546.88	7	250.50	7		7		7		7	
1/4	1,719.36	1/4	1,423.26	1/4	1,127.08	1/4	833.84	1/4	540.70	1/4	244.32	1/4		1/4		1/4		1/4	
1/2	1,713.19	1/2	1,417.08	1/2	1,120.91	1/2	827.83	1/2	534.53	1/2	238.15	1/2		1/2		1/2		1/2	
3/4	1,707.02	3/4	1,410.91	3/4	1,114.74	3/4	821.81	3/4	528.35	3/4	231.97	3/4		3/4		3/4		3/4	
8	1,700.86	8	1,404.74	8	1,108.56	8	815.80	8	522.18	8	225.80	8		8		8		8	
1/4	1,694.69	1/4	1,398.57	1/4	1,102.39	1/4	809.79	1/4	516.00	1/4	219.62	1/4		1/4		1/4		1/4	
1/2	1,688.52	1/2	1,392.40	1/2	1,096.22	1/2	803.78	1/2	509.83	1/2	213.45	1/2		1/2		1/2		1/2	
3/4	1,682.36	3/4	1,386.23	3/4	1,090.05	3/4	797.77	3/4	503.65	3/4	207.27	3/4		3/4		3/4		3/4	
9	1,676.19	9	1,380.06	9	1,083.88	9	791.76	9	497.48	9	201.10	9		9		9		9	
1/4	1,670.02	1/4	1,373.89	1/4	1,077.71	1/4	785.74	1/4	491.30	1/4	194.92	1/4		1/4		1/4		1/4	
1/2	1,663.86	1/2	1,367.72	1/2	1,071.54	1/2	779.73	1/2	485.13	1/2	188.75	1/2		1/2		1/2		1/2	
3/4	1,657.69	3/4	1,361.55	3/4	1,065.37	3/4	773.72	3/4	478.96	3/4	182.58	3/4		3/4		3/4		3/4	
10	1,651.52	10	1,355.38	10	1,059.20	10	767.71	10	472.78	10	176.40	10		10		10		10	
1/4	1,645.36	1/4	1,349.21	1/4	1,053.03	1/4	761.70	1/4	466.61	1/4	170.23	1/4		1/4		1/4		1/4	
1/2	1,639.19	1/2	1,343.04	1/2	1,046.86	1/2	755.69	1/2	460.43	1/2	164.05	1/2		1/2		1/2		1/2	
3/4	1,633.02	3/4	1,336.87	3/4	1,040.69	3/4	749.67	3/4	454.26	3/4	157.87	3/4		3/4		3/4		3/4	
11	1,626.86	11	1,330.70	11	1,034.52	11	743.66	11	448.08	11	151.69	11		11		11		11	
1/4	1,620.69	1/4	1,324.53	1/4	1,028.35	1/4	737.65	1/4	441.91	1/4	145.51	1/4		1/4		1/4		1/4	
1/2	1,614.52	1/2	1,318.36	1/2	1,022.18	1/2	731.64	1/2	435.73	1/2	139.33	1/2		1/2		1/2		1/2	
3/4	1,608.36	3/4	1,312.19	3/4	1,016.01	3/4	725.56	3/4	429.56	3/4	133.17	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/23/2015 CL
CALCULATED: 02/23/2015 CL
PRINTED: 02/24/2015 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 10131"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	0	0	3,255.80	0	2,994.25	0	2,732.71	0	2,470.75	0	2,207.80	0	1,944.84
1/4		1/4		1/4		1/4		1/4	3,250.35	1/4	2,988.81	1/4	2,727.26	1/4	2,465.27	1/4	2,202.32	1/4	1,939.36
1/2		1/2		1/2		1/2	3,471.28	1/2	3,244.90	1/2	2,983.36	1/2	2,721.81	1/2	2,459.79	1/2	2,196.84	1/2	1,933.89
3/4		3/4		3/4		3/4	3,470.37	3/4	3,239.46	3/4	2,977.91	3/4	2,716.36	3/4	2,454.32	3/4	2,191.36	3/4	1,928.41
1	1	1	1	1	2	2	3,469.45	1	3,234.01	1	2,972.46	1	2,710.91	1	2,448.84	1	2,185.88	1	1,922.93
1/4		1/4		1/4		1/4	3,468.54	1/4	3,228.56	1/4	2,967.01	1/4	2,705.46	1/4	2,443.36	1/4	2,180.41	1/4	1,917.45
1/2		1/2		1/2		1/2	3,467.62	1/2	3,223.11	1/2	2,961.56	1/2	2,700.01	1/2	2,437.88	1/2	2,174.93	1/2	1,911.97
3/4		3/4		3/4		3/4	3,464.88	3/4	3,217.66	3/4	2,956.11	3/4	2,694.57	3/4	2,432.40	3/4	2,169.45	3/4	1,906.50
2	2	2	2	2	3	3	3,462.14	2	3,212.21	2	2,950.66	2	2,689.12	2	2,426.92	2	2,163.97	2	1,901.02
1/4		1/4		1/4		1/4	3,459.40	1/4	3,206.76	1/4	2,945.21	1/4	2,683.67	1/4	2,421.45	1/4	2,158.49	1/4	1,895.54
1/2		1/2		1/2		1/2	3,456.66	1/2	3,201.31	1/2	2,939.77	1/2	2,678.22	1/2	2,415.97	1/2	2,153.01	1/2	1,890.06
3/4		3/4		3/4		3/4	3,452.22	3/4	3,195.86	3/4	2,934.32	3/4	2,672.77	3/4	2,410.49	3/4	2,147.54	3/4	1,884.58
3	3	3	3	3	4	4	3,447.78	3	3,190.42	3	2,928.87	3	2,667.32	3	2,405.01	3	2,142.06	3	1,879.10
1/4		1/4		1/4		1/4	3,443.35	1/4	3,184.97	1/4	2,923.42	1/4	2,661.87	1/4	2,399.53	1/4	2,136.58	1/4	1,873.63
1/2		1/2		1/2		1/2	3,438.91	1/2	3,179.52	1/2	2,917.97	1/2	2,656.42	1/2	2,394.06	1/2	2,131.10	1/2	1,868.15
3/4		3/4		3/4		3/4	3,433.60	3/4	3,174.07	3/4	2,912.52	3/4	2,650.97	3/4	2,388.58	3/4	2,125.62	3/4	1,862.67
4	4	4	4	4	5	5	3,428.29	4	3,168.62	4	2,907.07	4	2,645.53	4	2,383.10	4	2,120.15	4	1,857.19
1/4		1/4		1/4		1/4	3,422.98	1/4	3,163.17	1/4	2,901.62	1/4	2,640.08	1/4	2,377.62	1/4	2,114.67	1/4	1,851.71
1/2		1/2		1/2		1/2	3,417.67	1/2	3,157.72	1/2	2,896.17	1/2	2,634.63	1/2	2,372.14	1/2	2,109.19	1/2	1,846.24
3/4		3/4		3/4		3/4	3,412.33	3/4	3,152.27	3/4	2,890.73	3/4	2,629.18	3/4	2,366.66	3/4	2,103.71	3/4	1,840.76
5	5	5	5	5	6	6	3,406.99	5	3,146.82	5	2,885.28	5	2,623.73	5	2,361.19	5	2,098.23	5	1,835.28
1/4		1/4		1/4		1/4	3,401.65	1/4	3,141.38	1/4	2,879.83	1/4	2,618.28	1/4	2,355.71	1/4	2,092.75	1/4	1,829.80
1/2		1/2		1/2		1/2	3,396.30	1/2	3,135.93	1/2	2,874.38	1/2	2,612.83	1/2	2,350.23	1/2	2,087.28	1/2	1,824.32
3/4		3/4		3/4		3/4	3,390.95	3/4	3,130.48	3/4	2,868.93	3/4	2,607.38	3/4	2,344.75	3/4	2,081.80	3/4	1,818.84
6	6	6	6	6	7	7	3,385.60	6	3,125.03	6	2,863.48	6	2,601.93	6	2,339.27	6	2,076.32	6	1,813.37
1/4		1/4		1/4		1/4	3,380.25	1/4	3,119.58	1/4	2,858.03	1/4	2,596.49	1/4	2,333.80	1/4	2,070.84	1/4	1,807.89
1/2		1/2		1/2		1/2	3,374.89	1/2	3,114.13	1/2	2,852.58	1/2	2,591.04	1/2	2,328.32	1/2	2,065.36	1/2	1,802.41
3/4		3/4		3/4		3/4	3,369.54	3/4	3,108.68	3/4	2,847.13	3/4	2,585.59	3/4	2,322.84	3/4	2,059.89	3/4	1,796.93
7	7	7	7	7	8	8	3,364.19	7	3,103.23	7	2,841.69	7	2,580.14	7	2,317.36	7	2,054.41	7	1,791.45
1/4		1/4		1/4		1/4	3,358.84	1/4	3,097.78	1/4	2,836.24	1/4	2,574.69	1/4	2,311.88	1/4	2,048.93	1/4	1,785.98
1/2		1/2		1/2		1/2	3,353.49	1/2	3,092.34	1/2	2,830.79	1/2	2,569.24	1/2	2,306.40	1/2	2,043.45	1/2	1,780.50
3/4		3/4		3/4		3/4	3,348.14	3/4	3,086.89	3/4	2,825.34	3/4	2,563.79	3/4	2,300.93	3/4	2,037.97	3/4	1,775.02
8	8	8	8	8	9	9	3,342.79	8	3,081.44	8	2,819.89	8	2,558.34	8	2,295.45	8	2,032.49	8	1,769.54
1/4		1/4		1/4		1/4	3,337.44	1/4	3,075.99	1/4	2,814.44	1/4	2,552.89	1/4	2,289.97	1/4	2,027.02	1/4	1,764.06
1/2		1/2		1/2		1/2	3,332.09	1/2	3,070.54	1/2	2,808.99	1/2	2,547.45	1/2	2,284.49	1/2	2,021.54	1/2	1,758.58
3/4		3/4		3/4		3/4	3,326.64	3/4	3,065.09	3/4	2,803.54	3/4	2,541.97	3/4	2,279.01	3/4	2,016.06	3/4	1,753.11
9	9	9	9	9	10	10	3,321.19	9	3,059.64	9	2,798.09	9	2,536.49	9	2,273.54	9	2,010.58	9	1,747.63
1/4		1/4		1/4		1/4	3,315.74	1/4	3,054.19	1/4	2,792.65	1/4	2,531.01	1/4	2,268.06	1/4	2,005.10	1/4	1,742.15
1/2		1/2		1/2		1/2	3,310.29	1/2	3,048.74	1/2	2,787.20	1/2	2,525.53	1/2	2,262.58	1/2	1,999.63	1/2	1,736.67
3/4		3/4		3/4		3/4	3,304.84	3/4	3,043.29	3/4	2,781.75	3/4	2,520.05	3/4	2,257.10	3/4	1,994.15	3/4	1,731.19
10	10	10	10	10	11	11	3,299.39	10	3,037.85	10	2,776.30	10	2,514.58	10	2,251.62	10	1,988.67	10	1,725.72
1/4		1/4		1/4		1/4	3,293.94	1/4	3,032.40	1/4	2,770.85	1/4	2,509.10	1/4	2,246.14	1/4	1,983.19	1/4	1,720.24
1/2		1/2		1/2		1/2	3,288.50	1/2	3,026.95	1/2	2,765.40	1/2	2,503.62	1/2	2,240.67	1/2	1,977.71	1/2	1,714.76
3/4		3/4		3/4		3/4	3,283.05	3/4	3,021.50	3/4	2,759.95	3/4	2,498.14	3/4	2,235.19	3/4	1,972.23	3/4	1,709.28
11	11	11	11	11	12	12	3,277.60	11	3,016.05	11	2,754.50	11	2,492.66	11	2,229.71	11	1,966.76	11	1,703.80
1/4		1/4		1/4		1/4	3,272.15	1/4	3,010.60	1/4	2,749.05	1/4	2,487.18	1/4	2,224.23	1/4	1,961.28	1/4	1,698.32
1/2		1/2		1/2		1/2	3,266.70	1/2	3,005.15	1/2	2,743.61	1/2	2,481.71	1/2	2,218.75	1/2	1,955.80	1/2	1,692.85
3/4		3/4		3/4		3/4	3,261.25	3/4	2,999.70	3/4	2,738.16	3/4	2,476.23	3/4	2,213.27	3/4	1,950.32	3/4	1,687.37

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 10131"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,681.89	0	1,418.94	0	1,155.83	0	894.40	0	635.44	0	372.43	0	109.39	0		0		0	
1/4	1,676.41	1/4	1,413.46	1/4	1,150.34	1/4	889.00	1/4	630.00	1/4	366.95	1/4	103.93	1/4		1/4		1/4	
1/2	1,670.93	1/2	1,407.98	1/2	1,144.86	1/2	883.61	1/2	624.57	1/2	361.47	1/2	98.46	1/2		1/2		1/2	
3/4	1,665.45	3/4	1,402.50	3/4	1,139.38	3/4	878.21	3/4	619.09	3/4	355.99	3/4	93.01	3/4		3/4		3/4	
1	1,659.98	1	1,397.02	1	1,133.90	1	872.81	1	613.60	1	350.51	1	87.57	1		1		1	
1/4	1,654.50	1/4	1,391.53	1/4	1,128.42	1/4	867.42	1/4	608.12	1/4	345.02	1/4	82.12	1/4		1/4		1/4	
1/2	1,649.02	1/2	1,386.05	1/2	1,122.94	1/2	862.02	1/2	602.64	1/2	339.54	1/2	76.68	1/2		1/2		1/2	
3/4	1,643.54	3/4	1,380.57	3/4	1,117.45	3/4	856.62	3/4	597.16	3/4	334.06	3/4	71.26	3/4		3/4		3/4	
2	1,638.06	2	1,375.09	2	1,111.97	2	851.23	2	591.68	2	328.58	2	65.84	2		2		2	
1/4	1,632.59	1/4	1,369.61	1/4	1,106.49	1/4	845.83	1/4	586.20	1/4	323.10	1/4	60.42	1/4		1/4		1/4	
1/2	1,627.11	1/2	1,364.13	1/2	1,101.01	1/2	840.43	1/2	580.72	1/2	317.62	1/2	55.00	1/2		1/2		1/2	
3/4	1,621.63	3/4	1,358.65	3/4	1,095.53	3/4	835.04	3/4	575.24	3/4	312.14	3/4	49.64	3/4		3/4		3/4	
3	1,616.15	3	1,353.16	3	1,090.05	3	829.64	3	569.75	3	306.66	3	44.27	3		3		3	
1/4	1,610.67	1/4	1,347.68	1/4	1,084.57	1/4	824.24	1/4	564.27	1/4	301.18	1/4	38.90	1/4		1/4		1/4	
1/2	1,605.19	1/2	1,342.20	1/2	1,079.08	1/2	818.85	1/2	558.79	1/2	295.69	1/2	33.53	1/2		1/2		1/2	
3/4	1,599.72	3/4	1,336.72	3/4	1,073.60	3/4	813.45	3/4	553.31	3/4	290.21	3/4	28.97	3/4		3/4		3/4	
4	1,594.24	4	1,331.24	4	1,068.12	4	808.06	4	547.83	4	284.73	4	24.41	4		4		4	
1/4	1,588.76	1/4	1,325.76	1/4	1,062.64	1/4	802.67	1/4	542.35	1/4	279.25	1/4	19.85	1/4		1/4		1/4	
1/2	1,583.28	1/2	1,320.27	1/2	1,057.16	1/2	797.28	1/2	536.87	1/2	273.77	1/2	15.29	1/2		1/2		1/2	
3/4	1,577.80	3/4	1,314.79	3/4	1,051.68	3/4	791.89	3/4	531.39	3/4	268.29	3/4	12.55	3/4		3/4		3/4	
5	1,572.33	5	1,309.31	5	1,046.19	5	786.50	5	525.90	5	262.81	5	9.81	5		5		5	
1/4	1,566.85	1/4	1,303.83	1/4	1,040.71	1/4	781.11	1/4	520.42	1/4	257.33	1/4	7.07	1/4		1/4		1/4	
1/2	1,561.37	1/2	1,298.35	1/2	1,035.23	1/2	775.71	1/2	514.94	1/2	251.84	1/2	4.33	1/2		1/2		1/2	
3/4	1,555.89	3/4	1,292.87	3/4	1,029.75	3/4	770.32	3/4	509.46	3/4	246.36	3/4	3.42	3/4		3/4		3/4	
6	1,550.41	6	1,287.38	6	1,024.27	6	764.93	6	503.98	6	240.88	6	2.50	6		6		6	
1/4	1,544.93	1/4	1,281.90	1/4	1,018.79	1/4	759.54	1/4	498.50	1/4	235.40	1/4	1.59	1/4		1/4		1/4	
1/2	1,539.46	1/2	1,276.42	1/2	1,013.30	1/2	754.15	1/2	493.02	1/2	229.92	1/2	0.68	1/2		1/2		1/2	
3/4	1,533.98	3/4	1,270.94	3/4	1,007.86	3/4	748.76	3/4	487.54	3/4	224.44	3/4		3/4		3/4		3/4	
7	1,528.50	7	1,265.46	7	1,002.42	7	743.36	7	482.05	7	218.96	7		7		7		7	
1/4	1,523.02	1/4	1,259.98	1/4	996.98	1/4	737.97	1/4	476.57	1/4	213.48	1/4		1/4		1/4		1/4	
1/2	1,517.54	1/2	1,254.49	1/2	991.54	1/2	732.58	1/2	471.09	1/2	207.99	1/2		1/2		1/2		1/2	
3/4	1,512.07	3/4	1,249.01	3/4	986.15	3/4	727.19	3/4	465.61	3/4	202.51	3/4		3/4		3/4		3/4	
8	1,506.59	8	1,243.53	8	980.75	8	721.80	8	460.13	8	197.03	8		8		8		8	
1/4	1,501.11	1/4	1,238.05	1/4	975.35	1/4	716.41	1/4	454.65	1/4	191.55	1/4		1/4		1/4		1/4	
1/2	1,495.63	1/2	1,232.57	1/2	969.96	1/2	711.01	1/2	449.17	1/2	186.07	1/2		1/2		1/2		1/2	
3/4	1,490.15	3/4	1,227.09	3/4	964.56	3/4	705.62	3/4	443.69	3/4	180.59	3/4		3/4		3/4		3/4	
9	1,484.67	9	1,221.61	9	959.16	9	700.23	9	438.21	9	175.11	9		9		9		9	
1/4	1,479.20	1/4	1,216.12	1/4	953.77	1/4	694.84	1/4	432.72	1/4	169.63	1/4		1/4		1/4		1/4	
1/2	1,473.72	1/2	1,210.64	1/2	948.37	1/2	689.45	1/2	427.24	1/2	164.15	1/2		1/2		1/2		1/2	
3/4	1,468.24	3/4	1,205.16	3/4	942.97	3/4	684.06	3/4	421.76	3/4	158.66	3/4		3/4		3/4		3/4	
10	1,462.76	10	1,199.68	10	937.58	10	678.66	10	416.28	10	153.18	10		10		10		10	
1/4	1,457.28	1/4	1,194.20	1/4	932.18	1/4	673.27	1/4	410.80	1/4	147.70	1/4		1/4		1/4		1/4	
1/2	1,451.81	1/2	1,188.72	1/2	926.78	1/2	667.88	1/2	405.32	1/2	142.22	1/2		1/2		1/2		1/2	
3/4	1,446.33	3/4	1,183.23	3/4	921.39	3/4	662.49	3/4	399.84	3/4	136.75	3/4		3/4		3/4		3/4	
11	1,440.85	11	1,177.75	11	915.99	11	657.10	11	394.36	11	131.27	11		11		11		11	
1/4	1,435.37	1/4	1,172.27	1/4	910.59	1/4	651.71	1/4	388.87	1/4	125.80	1/4		1/4		1/4		1/4	
1/2	1,429.89	1/2	1,166.79	1/2	905.20	1/2	646.32	1/2	383.39	1/2	120.32	1/2		1/2		1/2		1/2	
3/4	1,424.41	3/4	1,161.31	3/4	899.80	3/4	640.88	3/4	377.91	3/4	114.86	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/23/2015 CL
CALCULATED: 02/23/2015 CL
PRINTED: 02/24/2015 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 10131"

3 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	3,243.31	0	2,983.98	0	2,724.65	0	2,464.97	0	2,204.25	0	1,943.52
1/4		1/4		1/4		1/4		1/4	3,237.91	1/4	2,978.58	1/4	2,719.25	1/4	2,459.54	1/4	2,198.82	1/4	1,938.09
1/2		1/2		1/2		1/2		1/2	3,232.51	1/2	2,973.18	1/2	2,713.85	1/2	2,454.11	1/2	2,193.38	1/2	1,932.66
3/4		3/4		3/4		3/4		3/4	3,227.10	3/4	2,967.77	3/4	2,708.44	3/4	2,448.68	3/4	2,187.95	3/4	1,927.23
1		1		1		1	3,446.15	1	3,221.70	1	2,962.37	1	2,703.04	1	2,443.25	1	2,182.52	1	1,921.79
1/4		1/4		1/4		1/4	3,445.24	1/4	3,216.30	1/4	2,956.97	1/4	2,697.64	1/4	2,437.82	1/4	2,177.09	1/4	1,916.36
1/2		1/2		1/2		1/2	3,444.34	1/2	3,210.90	1/2	2,951.57	1/2	2,692.24	1/2	2,432.38	1/2	2,171.66	1/2	1,910.93
3/4		3/4		3/4		3/4	3,443.43	3/4	3,205.49	3/4	2,946.16	3/4	2,686.83	3/4	2,426.95	3/4	2,166.23	3/4	1,905.50
2		2		2		2	3,442.53	2	3,200.09	2	2,940.76	2	2,681.43	2	2,421.52	2	2,160.79	2	1,900.07
1/4		1/4		1/4		1/4	3,439.81	1/4	3,194.69	1/4	2,935.36	1/4	2,676.03	1/4	2,416.09	1/4	2,155.36	1/4	1,894.64
1/2		1/2		1/2		1/2	3,437.09	1/2	3,189.29	1/2	2,929.96	1/2	2,670.63	1/2	2,410.66	1/2	2,149.93	1/2	1,889.20
3/4		3/4		3/4		3/4	3,434.37	3/4	3,183.88	3/4	2,924.55	3/4	2,665.22	3/4	2,405.22	3/4	2,144.50	3/4	1,883.77
3		3		3		3	3,431.65	3	3,178.48	3	2,919.15	3	2,659.82	3	2,399.79	3	2,139.07	3	1,878.34
1/4		1/4		1/4		1/4	3,427.25	1/4	3,173.08	1/4	2,913.75	1/4	2,654.42	1/4	2,394.36	1/4	2,133.63	1/4	1,872.91
1/2		1/2		1/2		1/2	3,422.85	1/2	3,167.67	1/2	2,908.34	1/2	2,649.02	1/2	2,388.93	1/2	2,128.20	1/2	1,867.48
3/4		3/4		3/4		3/4	3,418.45	3/4	3,162.27	3/4	2,902.94	3/4	2,643.61	3/4	2,383.50	3/4	2,122.77	3/4	1,862.04
4		4		4		4	3,414.05	4	3,156.87	4	2,897.54	4	2,638.21	4	2,378.07	4	2,117.34	4	1,856.61
1/4		1/4		1/4		1/4	3,408.79	1/4	3,151.47	1/4	2,892.14	1/4	2,632.81	1/4	2,372.63	1/4	2,111.91	1/4	1,851.18
1/2		1/2		1/2		1/2	3,403.53	1/2	3,146.06	1/2	2,886.73	1/2	2,627.40	1/2	2,367.20	1/2	2,106.48	1/2	1,845.75
3/4		3/4		3/4		3/4	3,398.26	3/4	3,140.66	3/4	2,881.33	3/4	2,622.00	3/4	2,361.77	3/4	2,101.04	3/4	1,840.32
5		5		5		5	3,393.00	5	3,135.26	5	2,875.93	5	2,616.60	5	2,356.34	5	2,095.61	5	1,834.89
1/4		1/4		1/4		1/4	3,387.70	1/4	3,129.86	1/4	2,870.53	1/4	2,611.20	1/4	2,350.91	1/4	2,090.18	1/4	1,829.45
1/2		1/2		1/2		1/2	3,382.41	1/2	3,124.45	1/2	2,865.12	1/2	2,605.79	1/2	2,345.47	1/2	2,084.75	1/2	1,824.02
3/4		3/4		3/4		3/4	3,377.11	3/4	3,119.05	3/4	2,859.72	3/4	2,600.39	3/4	2,340.04	3/4	2,079.32	3/4	1,818.59
6		6		6		6	3,371.82	6	3,113.65	6	2,854.32	6	2,594.99	6	2,334.61	6	2,073.88	6	1,813.16
1/4		1/4		1/4		1/4	3,366.51	1/4	3,108.24	1/4	2,848.92	1/4	2,589.59	1/4	2,329.18	1/4	2,068.45	1/4	1,807.73
1/2		1/2		1/2		1/2	3,361.20	1/2	3,102.84	1/2	2,843.51	1/2	2,584.18	1/2	2,323.75	1/2	2,063.02	1/2	1,802.29
3/4		3/4		3/4		3/4	3,355.89	3/4	3,097.44	3/4	2,838.11	3/4	2,578.78	3/4	2,318.32	3/4	2,057.59	3/4	1,796.86
7		7		7		7	3,350.58	7	3,092.04	7	2,832.71	7	2,573.38	7	2,312.88	7	2,052.16	7	1,791.43
1/4		1/4		1/4		1/4	3,345.27	1/4	3,086.63	1/4	2,827.30	1/4	2,567.97	1/4	2,307.45	1/4	2,046.73	1/4	1,786.00
1/2		1/2		1/2		1/2	3,339.97	1/2	3,081.23	1/2	2,821.90	1/2	2,562.57	1/2	2,302.02	1/2	2,041.29	1/2	1,780.57
3/4		3/4		3/4		3/4	3,334.67	3/4	3,075.83	3/4	2,816.50	3/4	2,557.17	3/4	2,296.59	3/4	2,035.86	3/4	1,775.14
8		8		8		8	3,329.36	8	3,070.43	8	2,811.10	8	2,551.77	8	2,291.16	8	2,030.43	8	1,769.70
1/4		1/4		1/4		1/4	3,324.06	1/4	3,065.02	1/4	2,805.69	1/4	2,546.36	1/4	2,285.72	1/4	2,025.00	1/4	1,764.27
1/2		1/2		1/2		1/2	3,318.75	1/2	3,059.62	1/2	2,800.29	1/2	2,540.96	1/2	2,280.29	1/2	2,019.57	1/2	1,758.84
3/4		3/4		3/4		3/4	3,313.45	3/4	3,054.22	3/4	2,794.89	3/4	2,535.56	3/4	2,274.86	3/4	2,014.13	3/4	1,753.41
9		9		9		9	3,308.14	9	3,048.82	9	2,789.49	9	2,530.16	9	2,269.43	9	2,008.70	9	1,747.98
1/4		1/4		1/4		1/4	3,302.74	1/4	3,043.41	1/4	2,784.08	1/4	2,524.72	1/4	2,264.00	1/4	2,003.27	1/4	1,742.54
1/2		1/2		1/2		1/2	3,297.34	1/2	3,038.01	1/2	2,778.68	1/2	2,519.29	1/2	2,258.57	1/2	1,997.84	1/2	1,737.11
3/4		3/4		3/4		3/4	3,291.94	3/4	3,032.61	3/4	2,773.28	3/4	2,513.86	3/4	2,253.13	3/4	1,992.41	3/4	1,731.68
10		10		10		10	3,286.53	10	3,027.20	10	2,767.87	10	2,508.43	10	2,247.70	10	1,986.98	10	1,726.25
1/4		1/4		1/4		1/4	3,281.13	1/4	3,021.80	1/4	2,762.47	1/4	2,503.00	1/4	2,242.27	1/4	1,981.54	1/4	1,720.82
1/2		1/2		1/2		1/2	3,275.73	1/2	3,016.40	1/2	2,757.07	1/2	2,497.57	1/2	2,236.84	1/2	1,976.11	1/2	1,715.39
3/4		3/4		3/4		3/4	3,270.33	3/4	3,011.00	3/4	2,751.67	3/4	2,492.13	3/4	2,231.41	3/4	1,970.68	3/4	1,709.95
11		11		11		11	3,264.92	11	3,005.59	11	2,746.26	11	2,486.70	11	2,225.98	11	1,965.25	11	1,704.52
1/4		1/4		1/4		1/4	3,259.52	1/4	3,000.19	1/4	2,740.86	1/4	2,481.27	1/4	2,220.54	1/4	1,959.82	1/4	1,699.09
1/2		1/2		1/2		1/2	3,254.12	1/2	2,994.79	1/2	2,735.46	1/2	2,475.84	1/2	2,215.11	1/2	1,954.39	1/2	1,693.66
3/4		3/4		3/4		3/4	3,248.72	3/4	2,989.39	3/4	2,730.06	3/4	2,470.41	3/4	2,209.68	3/4	1,948.95	3/4	1,688.23

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.

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



BARGE "KIRBY 10131"

3 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	1,682.80	0	1,422.07	0	1,161.19	0	901.02	0	641.03	0	380.16	0	119.31	0		0		0	
1/4	1,677.36	1/4	1,416.64	1/4	1,155.75	1/4	895.62	1/4	635.59	1/4	374.72	1/4	113.89	1/4		1/4		1/4	
1/2	1,671.93	1/2	1,411.21	1/2	1,150.32	1/2	890.22	1/2	630.16	1/2	369.29	1/2	108.47	1/2		1/2		1/2	
3/4	1,666.50	3/4	1,405.77	3/4	1,144.88	3/4	884.82	3/4	624.72	3/4	363.85	3/4	103.05	3/4		3/4		3/4	
1	1,661.07	1	1,400.34	1	1,139.45	1	879.42	1	619.29	1	358.42	1	97.63	1		1		1	
1/4	1,655.64	1/4	1,394.91	1/4	1,134.01	1/4	874.02	1/4	613.86	1/4	352.98	1/4	92.23	1/4		1/4		1/4	
1/2	1,650.20	1/2	1,389.47	1/2	1,128.58	1/2	868.63	1/2	608.42	1/2	347.55	1/2	86.83	1/2		1/2		1/2	
3/4	1,644.77	3/4	1,384.04	3/4	1,123.14	3/4	863.23	3/4	602.99	3/4	342.11	3/4	81.43	3/4		3/4		3/4	
2	1,639.34	2	1,378.60	2	1,117.71	2	857.83	2	597.55	2	336.68	2	76.03	2		2		2	
1/4	1,633.91	1/4	1,373.16	1/4	1,112.27	1/4	852.43	1/4	592.12	1/4	331.24	1/4	70.66	1/4		1/4		1/4	
1/2	1,628.48	1/2	1,367.73	1/2	1,106.84	1/2	847.03	1/2	586.68	1/2	325.81	1/2	65.29	1/2		1/2		1/2	
3/4	1,623.05	3/4	1,362.29	3/4	1,101.40	3/4	841.63	3/4	581.25	3/4	320.37	3/4	59.92	3/4		3/4		3/4	
3	1,617.61	3	1,356.86	3	1,095.96	3	836.23	3	575.81	3	314.94	3	54.54	3		3		3	
1/4	1,612.18	1/4	1,351.42	1/4	1,090.53	1/4	830.83	1/4	570.38	1/4	309.50	1/4	49.22	1/4		1/4		1/4	
1/2	1,606.75	1/2	1,345.99	1/2	1,085.09	1/2	825.43	1/2	564.94	1/2	304.07	1/2	43.90	1/2		1/2		1/2	
3/4	1,601.32	3/4	1,340.55	3/4	1,079.66	3/4	820.03	3/4	559.51	3/4	298.63	3/4	38.57	3/4		3/4		3/4	
4	1,595.89	4	1,335.12	4	1,074.22	4	814.64	4	554.08	4	293.20	4	33.25	4		4		4	
1/4	1,590.45	1/4	1,329.68	1/4	1,068.79	1/4	809.24	1/4	548.64	1/4	287.76	1/4	28.73	1/4		1/4		1/4	
1/2	1,585.02	1/2	1,324.25	1/2	1,063.35	1/2	803.85	1/2	543.21	1/2	282.33	1/2	24.21	1/2		1/2		1/2	
3/4	1,579.59	3/4	1,318.81	3/4	1,057.92	3/4	798.45	3/4	537.77	3/4	276.90	3/4	19.69	3/4		3/4		3/4	
5	1,574.16	5	1,313.38	5	1,052.48	5	793.06	5	532.34	5	271.46	5	15.17	5		5		5	
1/4	1,568.73	1/4	1,307.94	1/4	1,047.05	1/4	787.63	1/4	526.90	1/4	266.03	1/4	12.45	1/4		1/4		1/4	
1/2	1,563.30	1/2	1,302.51	1/2	1,041.61	1/2	782.20	1/2	521.47	1/2	260.59	1/2	9.73	1/2		1/2		1/2	
3/4	1,557.86	3/4	1,297.07	3/4	1,036.18	3/4	776.77	3/4	516.03	3/4	255.16	3/4	7.02	3/4		3/4		3/4	
6	1,552.43	6	1,291.64	6	1,030.74	6	771.34	6	510.60	6	249.72	6	4.30	6		6		6	
1/4	1,547.00	1/4	1,286.20	1/4	1,025.31	1/4	765.91	1/4	505.16	1/4	244.29	1/4	3.39	1/4		1/4		1/4	
1/2	1,541.57	1/2	1,280.76	1/2	1,019.87	1/2	760.48	1/2	499.73	1/2	238.85	1/2	2.49	1/2		1/2		1/2	
3/4	1,536.14	3/4	1,275.33	3/4	1,014.44	3/4	755.05	3/4	494.29	3/4	233.42	3/4	1.58	3/4		3/4		3/4	
7	1,530.70	7	1,269.89	7	1,009.00	7	749.62	7	488.86	7	227.98	7	0.68	7		7		7	
1/4	1,525.27	1/4	1,264.46	1/4	1,003.60	1/4	744.19	1/4	483.42	1/4	222.55	1/4		1/4		1/4		1/4	
1/2	1,519.84	1/2	1,259.02	1/2	998.20	1/2	738.76	1/2	477.99	1/2	217.11	1/2		1/2		1/2		1/2	
3/4	1,514.41	3/4	1,253.59	3/4	992.80	3/4	733.33	3/4	472.55	3/4	211.68	3/4		3/4		3/4		3/4	
8	1,508.98	8	1,248.15	8	987.40	8	727.90	8	467.12	8	206.24	8		8		8		8	
1/4	1,503.55	1/4	1,242.72	1/4	982.00	1/4	722.47	1/4	461.68	1/4	200.81	1/4		1/4		1/4		1/4	
1/2	1,498.11	1/2	1,237.28	1/2	976.61	1/2	717.04	1/2	456.25	1/2	195.37	1/2		1/2		1/2		1/2	
3/4	1,492.68	3/4	1,231.85	3/4	971.21	3/4	711.61	3/4	450.81	3/4	189.94	3/4		3/4		3/4		3/4	
9	1,487.25	9	1,226.41	9	965.81	9	706.18	9	445.38	9	184.50	9		9		9		9	
1/4	1,481.82	1/4	1,220.98	1/4	960.41	1/4	700.75	1/4	439.94	1/4	179.07	1/4		1/4		1/4		1/4	
1/2	1,476.39	1/2	1,215.54	1/2	955.01	1/2	695.32	1/2	434.51	1/2	173.63	1/2		1/2		1/2		1/2	
3/4	1,470.95	3/4	1,210.11	3/4	949.61	3/4	689.89	3/4	429.07	3/4	168.20	3/4		3/4		3/4		3/4	
10	1,465.52	10	1,204.67	10	944.21	10	684.46	10	423.64	10	162.76	10		10		10		10	
1/4	1,460.09	1/4	1,199.24	1/4	938.81	1/4	679.03	1/4	418.20	1/4	157.33	1/4		1/4		1/4		1/4	
1/2	1,454.66	1/2	1,193.80	1/2	933.41	1/2	673.60	1/2	412.77	1/2	151.89	1/2		1/2		1/2		1/2	
3/4	1,449.23	3/4	1,188.36	3/4	928.01	3/4	668.17	3/4	407.33	3/4	146.46	3/4		3/4		3/4		3/4	
11	1,443.80	11	1,182.93	11	922.62	11	662.74	11	401.90	11	141.02	11		11		11		11	
1/4	1,438.36	1/4	1,177.49	1/4	917.22	1/4	657.31	1/4	396.46	1/4	135.60	1/4		1/4		1/4		1/4	
1/2	1,432.93	1/2	1,172.06	1/2	911.82	1/2	651.88	1/2	391.03	1/2	130.17	1/2		1/2		1/2		1/2	
3/4	1,427.50	3/4	1,166.62	3/4	906.42	3/4	646.46	3/4	385.59	3/4	124.74	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/23/2015 CL
CALCULATED: 02/23/2015 CL
PRINTED: 02/24/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

PRECISION MEASUREMENT
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