



BARGE "KIRBY 10130"

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	00-1/8	- 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 - 00-3/8"
 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 23, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10130"

1 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	3,542.08	0	3,289.67	0	3,037.25	0	2,778.28	0	2,483.24	0	2,187.51
1/4		1/4		1/4		1/4	3,757.24	1/4	3,536.83	1/4	3,284.41	1/4	3,031.99	1/4	2,772.14	1/4	2,477.08	1/4	2,181.35
1/2		1/2		1/2		1/2	3,756.21	1/2	3,531.57	1/2	3,279.15	1/2	3,026.73	1/2	2,766.00	1/2	2,470.92	1/2	2,175.19
3/4		3/4		3/4		3/4	3,755.18	3/4	3,526.31	3/4	3,273.89	3/4	3,021.47	3/4	2,759.85	3/4	2,464.75	3/4	2,169.03
1	1	1	1	1	1	1	3,754.15	1	3,521.05	1	3,268.63	1	3,016.21	1	2,753.71	1	2,458.59	1	2,162.87
1/4		1/4		1/4		1/4	3,753.12	1/4	3,515.79	1/4	3,263.37	1/4	3,010.96	1/4	2,747.57	1/4	2,452.43	1/4	2,156.70
1/2		1/2		1/2		1/2	3,750.03	1/2	3,510.53	1/2	3,258.11	1/2	3,005.70	1/2	2,741.43	1/2	2,446.27	1/2	2,150.54
3/4		3/4		3/4		3/4	3,746.93	3/4	3,505.27	3/4	3,252.86	3/4	3,000.44	3/4	2,735.28	3/4	2,440.11	3/4	2,144.38
2	2	2	2	2	2	2	3,743.84	2	3,500.01	2	3,247.60	2	2,995.18	2	2,729.14	2	2,433.95	2	2,138.22
1/4		1/4		1/4		1/4	3,740.75	1/4	3,494.76	1/4	3,242.34	1/4	2,989.92	1/4	2,723.00	1/4	2,427.79	1/4	2,132.06
1/2		1/2		1/2		1/2	3,736.61	1/2	3,489.50	1/2	3,237.08	1/2	2,984.66	1/2	2,716.86	1/2	2,421.63	1/2	2,125.90
3/4		3/4		3/4		3/4	3,732.46	3/4	3,484.24	3/4	3,231.82	3/4	2,979.40	3/4	2,710.71	3/4	2,415.47	3/4	2,119.74
3	3	3	3	3	3	3	3,728.32	3	3,478.98	3	3,226.56	3	2,974.14	3	2,704.57	3	2,409.31	3	2,113.58
1/4		1/4		1/4		1/4	3,724.18	1/4	3,473.72	1/4	3,221.30	1/4	2,968.89	1/4	2,698.43	1/4	2,403.14	1/4	2,107.42
1/2		1/2		1/2		1/2	3,719.06	1/2	3,468.46	1/2	3,216.04	1/2	2,963.63	1/2	2,692.29	1/2	2,396.98	1/2	2,101.26
3/4		3/4		3/4		3/4	3,713.93	3/4	3,463.20	3/4	3,210.79	3/4	2,958.37	3/4	2,686.14	3/4	2,390.82	3/4	2,095.09
4	4	4	4	4	4	4	3,708.81	4	3,457.94	4	3,205.53	4	2,953.11	4	2,680.00	4	2,384.66	4	2,088.93
1/4		1/4		1/4		1/4	3,703.68	1/4	3,452.69	1/4	3,200.27	1/4	2,947.85	1/4	2,673.86	1/4	2,378.50	1/4	2,082.77
1/2		1/2		1/2		1/2	3,698.52	1/2	3,447.43	1/2	3,195.01	1/2	2,942.59	1/2	2,667.72	1/2	2,372.34	1/2	2,076.61
3/4		3/4		3/4		3/4	3,693.36	3/4	3,442.17	3/4	3,189.75	3/4	2,937.33	3/4	2,661.57	3/4	2,366.18	3/4	2,070.45
5	5	5	5	5	5	5	3,688.20	5	3,436.91	5	3,184.49	5	2,932.07	5	2,655.43	5	2,360.02	5	2,064.29
1/4		1/4		1/4		1/4	3,683.04	1/4	3,431.65	1/4	3,179.23	1/4	2,926.82	1/4	2,649.29	1/4	2,353.86	1/4	2,058.13
1/2		1/2		1/2		1/2	3,677.87	1/2	3,426.39	1/2	3,173.98	1/2	2,921.56	1/2	2,643.15	1/2	2,347.70	1/2	2,051.97
3/4		3/4		3/4		3/4	3,672.69	3/4	3,421.13	3/4	3,168.72	3/4	2,916.30	3/4	2,637.00	3/4	2,341.53	3/4	2,045.81
6	6	6	6	6	6	6	3,667.52	6	3,415.88	6	3,163.46	6	2,911.04	6	2,630.86	6	2,335.37	6	2,039.65
1/4		1/4		1/4		1/4	3,662.35	1/4	3,410.62	1/4	3,158.20	1/4	2,905.78	1/4	2,624.72	1/4	2,329.21	1/4	2,033.48
1/2		1/2		1/2		1/2	3,657.17	1/2	3,405.36	1/2	3,152.94	1/2	2,900.52	1/2	2,618.58	1/2	2,323.05	1/2	2,027.32
3/4		3/4		3/4		3/4	3,652.00	3/4	3,400.10	3/4	3,147.68	3/4	2,895.26	3/4	2,612.43	3/4	2,316.89	3/4	2,021.16
7	7	7	7	7	7	7	3,646.83	7	3,394.84	7	3,142.42	7	2,890.01	7	2,606.29	7	2,310.73	7	2,015.00
1/4		1/4		1/4		1/4	3,641.65	1/4	3,389.58	1/4	3,137.16	1/4	2,884.75	1/4	2,600.15	1/4	2,304.57	1/4	2,008.84
1/2		1/2		1/2		1/2	3,636.48	1/2	3,384.32	1/2	3,131.91	1/2	2,879.49	1/2	2,594.01	1/2	2,298.41	1/2	2,002.68
3/4		3/4		3/4		3/4	3,631.31	3/4	3,379.06	3/4	3,126.65	3/4	2,874.23	3/4	2,587.86	3/4	2,292.25	3/4	1,996.52
8	8	8	8	8	8	8	3,626.14	8	3,373.81	8	3,121.39	8	2,868.97	8	2,581.72	8	2,286.09	8	1,990.36
1/4		1/4		1/4		1/4	3,620.96	1/4	3,368.55	1/4	3,116.13	1/4	2,863.71	1/4	2,575.58	1/4	2,279.92	1/4	1,984.20
1/2		1/2		1/2		1/2	3,615.71	1/2	3,363.29	1/2	3,110.87	1/2	2,858.43	1/2	2,569.44	1/2	2,273.76	1/2	1,978.04
3/4		3/4		3/4		3/4	3,610.45	3/4	3,358.03	3/4	3,105.61	3/4	2,853.14	3/4	2,563.29	3/4	2,267.60	3/4	1,971.87
9	9	9	9	9	9	9	3,605.19	9	3,352.77	9	3,100.35	9	2,847.86	9	2,557.15	9	2,261.44	9	1,965.71
1/4		1/4		1/4		1/4	3,599.93	1/4	3,347.51	1/4	3,095.09	1/4	2,842.58	1/4	2,551.01	1/4	2,255.28	1/4	1,959.55
1/2		1/2		1/2		1/2	3,594.67	1/2	3,342.25	1/2	3,089.84	1/2	2,837.29	1/2	2,544.85	1/2	2,249.12	1/2	1,953.39
3/4		3/4		3/4		3/4	3,589.41	3/4	3,336.99	3/4	3,084.58	3/4	2,832.01	3/4	2,538.69	3/4	2,242.96	3/4	1,947.23
10	10	10	10	10	10	10	3,584.15	10	3,331.74	10	3,079.32	10	2,826.73	10	2,532.53	10	2,236.80	10	1,941.07
1/4		1/4		1/4		1/4	3,578.89	1/4	3,326.48	1/4	3,074.06	1/4	2,821.44	1/4	2,526.36	1/4	2,230.64	1/4	1,934.91
1/2		1/2		1/2		1/2	3,573.64	1/2	3,321.22	1/2	3,068.80	1/2	2,815.26	1/2	2,520.20	1/2	2,224.48	1/2	1,928.75
3/4		3/4		3/4		3/4	3,568.38	3/4	3,315.96	3/4	3,063.54	3/4	2,809.08	3/4	2,514.04	3/4	2,218.31	3/4	1,922.59
11	11	11	11	11	11	11	3,563.12	11	3,310.70	11	3,058.28	11	2,802.89	11	2,507.88	11	2,212.15	11	1,916.43
1/4		1/4		1/4		1/4	3,557.86	1/4	3,305.44	1/4	3,053.02	1/4	2,796.71	1/4	2,501.72	1/4	2,205.99	1/4	1,910.26
1/2		1/2		1/2		1/2	3,552.60	1/2	3,300.18	1/2	3,047.77	1/2	2,790.57	1/2	2,495.56	1/2	2,199.83	1/2	1,904.10
3/4		3/4		3/4		3/4	3,547.34	3/4	3,294.93	3/4	3,042.51	3/4	2,784.42	3/4	2,489.40	3/4	2,193.67	3/4	1,897.94

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 10130"

1 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	1,891.78	0	1,595.82	0	1,299.69	0	1,003.55	0	713.33	0	417.16	0	120.82	0		0		0	
1/4	1,885.62	1/4	1,589.66	1/4	1,293.52	1/4	997.38	1/4	707.25	1/4	410.99	1/4	114.65	1/4		1/4		1/4	
1/2	1,879.46	1/2	1,583.49	1/2	1,287.35	1/2	991.21	1/2	701.10	1/2	404.81	1/2	108.50	1/2		1/2		1/2	
3/4	1,873.30	3/4	1,577.32	3/4	1,281.18	3/4	985.04	3/4	694.94	3/4	398.64	3/4	102.36	3/4		3/4		3/4	
1	1,867.14	1	1,571.15	1	1,275.01	1	978.87	1	688.79	1	392.46	1	96.21	1		1		1	
1/4	1,860.98	1/4	1,564.98	1/4	1,268.84	1/4	972.70	1/4	682.63	1/4	386.29	1/4	90.06	1/4		1/4		1/4	
1/2	1,854.82	1/2	1,558.81	1/2	1,262.67	1/2	966.59	1/2	676.46	1/2	380.12	1/2	83.95	1/2		1/2		1/2	
3/4	1,848.65	3/4	1,552.64	3/4	1,256.50	3/4	960.48	3/4	670.28	3/4	373.94	3/4	77.84	3/4		3/4		3/4	
2	1,842.49	2	1,546.47	2	1,250.33	2	954.38	2	664.11	2	367.77	2	71.72	2		2		2	
1/4	1,836.33	1/4	1,540.30	1/4	1,244.16	1/4	948.27	1/4	657.94	1/4	361.60	1/4	65.61	1/4		1/4		1/4	
1/2	1,830.17	1/2	1,534.13	1/2	1,237.99	1/2	942.23	1/2	651.77	1/2	355.42	1/2	59.55	1/2		1/2		1/2	
3/4	1,824.01	3/4	1,527.96	3/4	1,231.82	3/4	936.18	3/4	645.59	3/4	349.25	3/4	53.49	3/4		3/4		3/4	
3	1,817.85	3	1,521.79	3	1,225.65	3	930.14	3	639.42	3	343.07	3	47.43	3		3		3	
1/4	1,811.69	1/4	1,515.62	1/4	1,219.48	1/4	924.09	1/4	633.25	1/4	336.90	1/4	41.38	1/4		1/4		1/4	
1/2	1,805.52	1/2	1,509.45	1/2	1,213.31	1/2	918.05	1/2	627.07	1/2	330.73	1/2	36.23	1/2		1/2		1/2	
3/4	1,799.35	3/4	1,503.28	3/4	1,207.14	3/4	912.01	3/4	620.90	3/4	324.55	3/4	31.09	3/4		3/4		3/4	
4	1,793.18	4	1,497.11	4	1,200.97	4	905.96	4	614.73	4	318.38	4	25.94	4		4		4	
1/4	1,787.01	1/4	1,490.94	1/4	1,194.80	1/4	899.92	1/4	608.55	1/4	312.20	1/4	20.79	1/4		1/4		1/4	
1/2	1,780.84	1/2	1,484.77	1/2	1,188.63	1/2	893.89	1/2	602.38	1/2	306.03	1/2	17.70	1/2		1/2		1/2	
3/4	1,774.67	3/4	1,478.60	3/4	1,182.46	3/4	887.87	3/4	596.20	3/4	299.86	3/4	14.61	3/4		3/4		3/4	
5	1,768.50	5	1,472.44	5	1,176.29	5	881.84	5	590.03	5	293.68	5	11.52	5		5		5	
1/4	1,762.33	1/4	1,466.27	1/4	1,170.12	1/4	875.81	1/4	583.86	1/4	287.51	1/4	8.42	1/4		1/4		1/4	
1/2	1,756.16	1/2	1,460.10	1/2	1,163.96	1/2	869.80	1/2	577.68	1/2	281.33	1/2	7.39	1/2		1/2		1/2	
3/4	1,749.99	3/4	1,453.93	3/4	1,157.79	3/4	863.79	3/4	571.51	3/4	275.16	3/4	6.36	3/4		3/4		3/4	
6	1,743.82	6	1,447.76	6	1,151.62	6	857.78	6	565.33	6	268.99	6	5.33	6		6		6	
1/4	1,737.66	1/4	1,441.59	1/4	1,145.45	1/4	851.77	1/4	559.16	1/4	262.81	1/4	4.30	1/4		1/4		1/4	
1/2	1,731.49	1/2	1,435.42	1/2	1,139.28	1/2	845.76	1/2	552.99	1/2	256.64	1/2		1/2		1/2		1/2	
3/4	1,725.32	3/4	1,429.25	3/4	1,133.11	3/4	839.75	3/4	546.81	3/4	250.47	3/4		3/4		3/4		3/4	
7	1,719.15	7	1,423.08	7	1,126.94	7	833.74	7	540.64	7	244.29	7		7		7		7	
1/4	1,712.98	1/4	1,416.91	1/4	1,120.77	1/4	827.73	1/4	534.46	1/4	238.12	1/4		1/4		1/4		1/4	
1/2	1,706.82	1/2	1,410.74	1/2	1,114.60	1/2	821.71	1/2	528.29	1/2	231.94	1/2		1/2		1/2		1/2	
3/4	1,700.65	3/4	1,404.57	3/4	1,108.43	3/4	815.70	3/4	522.12	3/4	225.77	3/4		3/4		3/4		3/4	
8	1,694.48	8	1,398.40	8	1,102.26	8	809.69	8	515.94	8	219.60	8		8		8		8	
1/4	1,688.32	1/4	1,392.23	1/4	1,096.09	1/4	803.68	1/4	509.77	1/4	213.42	1/4		1/4		1/4		1/4	
1/2	1,682.15	1/2	1,386.06	1/2	1,089.92	1/2	797.67	1/2	503.60	1/2	207.25	1/2		1/2		1/2		1/2	
3/4	1,675.99	3/4	1,379.89	3/4	1,083.75	3/4	791.66	3/4	497.42	3/4	201.07	3/4		3/4		3/4		3/4	
9	1,669.82	9	1,373.72	9	1,077.58	9	785.65	9	491.25	9	194.90	9		9		9		9	
1/4	1,663.65	1/4	1,367.55	1/4	1,071.41	1/4	779.64	1/4	485.07	1/4	188.73	1/4		1/4		1/4		1/4	
1/2	1,657.49	1/2	1,361.38	1/2	1,065.24	1/2	773.63	1/2	478.90	1/2	182.55	1/2		1/2		1/2		1/2	
3/4	1,651.32	3/4	1,355.21	3/4	1,059.07	3/4	767.62	3/4	472.73	3/4	176.38	3/4		3/4		3/4		3/4	
10	1,645.15	10	1,349.04	10	1,052.90	10	761.61	10	466.55	10	170.21	10		10		10		10	
1/4	1,638.99	1/4	1,342.87	1/4	1,046.73	1/4	755.59	1/4	460.38	1/4	164.03	1/4		1/4		1/4		1/4	
1/2	1,632.82	1/2	1,336.70	1/2	1,040.56	1/2	749.58	1/2	454.20	1/2	157.85	1/2		1/2		1/2		1/2	
3/4	1,626.66	3/4	1,330.53	3/4	1,034.39	3/4	743.57	3/4	448.03	3/4	151.67	3/4		3/4		3/4		3/4	
11	1,620.49	11	1,324.36	11	1,028.22	11	737.56	11	441.86	11	145.50	11		11		11		11	
1/4	1,614.32	1/4	1,318.20	1/4	1,022.05	1/4	731.55	1/4	435.68	1/4	139.32	1/4		1/4		1/4		1/4	
1/2	1,608.16	1/2	1,312.03	1/2	1,015.88	1/2	725.48	1/2	429.51	1/2	133.15	1/2		1/2		1/2		1/2	
3/4	1,601.99	3/4	1,305.86	3/4	1,009.72	3/4	719.40	3/4	423.33	3/4	126.98	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 10130"

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

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 10130"

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	1,681.23	0	1,418.38	0	1,155.37	0	894.05	0	635.19	0	372.29	0	109.35	0		0		0	
1/4	1,675.75	1/4	1,412.91	1/4	1,149.89	1/4	888.66	1/4	629.76	1/4	366.81	1/4	103.89	1/4		1/4		1/4	
1/2	1,670.28	1/2	1,407.43	1/2	1,144.41	1/2	883.26	1/2	624.32	1/2	361.33	1/2	98.42	1/2		1/2		1/2	
3/4	1,664.80	3/4	1,401.95	3/4	1,138.94	3/4	877.87	3/4	618.84	3/4	355.85	3/4	92.98	3/4		3/4		3/4	
1	1,659.33	1	1,396.47	1	1,133.46	1	872.47	1	613.37	1	350.37	1	87.53	1		1		1	
1/4	1,653.85	1/4	1,390.99	1/4	1,127.98	1/4	867.08	1/4	607.89	1/4	344.89	1/4	82.09	1/4		1/4		1/4	
1/2	1,648.37	1/2	1,385.51	1/2	1,122.50	1/2	861.68	1/2	602.41	1/2	339.41	1/2	76.65	1/2		1/2		1/2	
3/4	1,642.90	3/4	1,380.03	3/4	1,117.02	3/4	856.29	3/4	596.93	3/4	333.93	3/4	71.23	3/4		3/4		3/4	
2	1,637.42	2	1,374.55	2	1,111.54	2	850.89	2	591.45	2	328.45	2	65.81	2		2		2	
1/4	1,631.95	1/4	1,369.07	1/4	1,106.06	1/4	845.50	1/4	585.97	1/4	322.97	1/4	60.40	1/4		1/4		1/4	
1/2	1,626.47	1/2	1,363.59	1/2	1,100.58	1/2	840.10	1/2	580.49	1/2	317.50	1/2	54.98	1/2		1/2		1/2	
3/4	1,620.99	3/4	1,358.12	3/4	1,095.10	3/4	834.71	3/4	575.01	3/4	312.02	3/4	49.62	3/4		3/4		3/4	
3	1,615.52	3	1,352.64	3	1,089.62	3	829.31	3	569.53	3	306.54	3	44.25	3		3		3	
1/4	1,610.04	1/4	1,347.16	1/4	1,084.14	1/4	823.92	1/4	564.05	1/4	301.06	1/4	38.88	1/4		1/4		1/4	
1/2	1,604.57	1/2	1,341.68	1/2	1,078.66	1/2	818.53	1/2	558.58	1/2	295.58	1/2	33.52	1/2		1/2		1/2	
3/4	1,599.09	3/4	1,336.20	3/4	1,073.18	3/4	813.14	3/4	553.10	3/4	290.10	3/4	28.96	3/4		3/4		3/4	
4	1,593.61	4	1,330.72	4	1,067.70	4	807.75	4	547.62	4	284.62	4	24.40	4		4		4	
1/4	1,588.14	1/4	1,325.24	1/4	1,062.22	1/4	802.36	1/4	542.14	1/4	279.14	1/4	19.84	1/4		1/4		1/4	
1/2	1,582.66	1/2	1,319.76	1/2	1,056.74	1/2	796.97	1/2	536.66	1/2	273.66	1/2	15.29	1/2		1/2		1/2	
3/4	1,577.19	3/4	1,314.28	3/4	1,051.26	3/4	791.58	3/4	531.18	3/4	268.18	3/4	12.55	3/4		3/4		3/4	
5	1,571.71	5	1,308.80	5	1,045.78	5	786.19	5	525.70	5	262.70	5	9.81	5		5		5	
1/4	1,566.23	1/4	1,303.32	1/4	1,040.30	1/4	780.80	1/4	520.22	1/4	257.23	1/4	7.07	1/4		1/4		1/4	
1/2	1,560.76	1/2	1,297.84	1/2	1,034.82	1/2	775.41	1/2	514.74	1/2	251.75	1/2	4.33	1/2		1/2		1/2	
3/4	1,555.28	3/4	1,292.36	3/4	1,029.35	3/4	770.02	3/4	509.26	3/4	246.27	3/4	3.42	3/4		3/4		3/4	
6	1,549.81	6	1,286.88	6	1,023.87	6	764.63	6	503.78	6	240.79	6	2.50	6		6		6	
1/4	1,544.33	1/4	1,281.40	1/4	1,018.39	1/4	759.24	1/4	498.31	1/4	235.31	1/4	1.59	1/4		1/4		1/4	
1/2	1,538.85	1/2	1,275.92	1/2	1,012.91	1/2	753.85	1/2	492.83	1/2	229.83	1/2	0.68	1/2		1/2		1/2	
3/4	1,533.38	3/4	1,270.44	3/4	1,007.47	3/4	748.46	3/4	487.35	3/4	224.35	3/4		3/4		3/4		3/4	
7	1,527.90	7	1,264.96	7	1,002.03	7	743.07	7	481.87	7	218.87	7		7		7		7	
1/4	1,522.43	1/4	1,259.48	1/4	996.59	1/4	737.68	1/4	476.39	1/4	213.39	1/4		1/4		1/4		1/4	
1/2	1,516.95	1/2	1,254.00	1/2	991.16	1/2	732.29	1/2	470.91	1/2	207.91	1/2		1/2		1/2		1/2	
3/4	1,511.47	3/4	1,248.53	3/4	985.76	3/4	726.90	3/4	465.43	3/4	202.43	3/4		3/4		3/4		3/4	
8	1,506.00	8	1,243.05	8	980.37	8	721.51	8	459.95	8	196.96	8		8		8		8	
1/4	1,500.52	1/4	1,237.57	1/4	974.97	1/4	716.12	1/4	454.47	1/4	191.48	1/4		1/4		1/4		1/4	
1/2	1,495.05	1/2	1,232.09	1/2	969.58	1/2	710.74	1/2	448.99	1/2	186.00	1/2		1/2		1/2		1/2	
3/4	1,489.57	3/4	1,226.61	3/4	964.18	3/4	705.35	3/4	443.51	3/4	180.52	3/4		3/4		3/4		3/4	
9	1,484.09	9	1,221.13	9	958.79	9	699.96	9	438.04	9	175.04	9		9		9		9	
1/4	1,478.62	1/4	1,215.65	1/4	953.39	1/4	694.57	1/4	432.56	1/4	169.56	1/4		1/4		1/4		1/4	
1/2	1,473.14	1/2	1,210.17	1/2	948.00	1/2	689.18	1/2	427.08	1/2	164.08	1/2		1/2		1/2		1/2	
3/4	1,467.67	3/4	1,204.69	3/4	942.60	3/4	683.79	3/4	421.60	3/4	158.60	3/4		3/4		3/4		3/4	
10	1,462.19	10	1,199.21	10	937.21	10	678.40	10	416.12	10	153.12	10		10		10		10	
1/4	1,456.71	1/4	1,193.73	1/4	931.81	1/4	673.01	1/4	410.64	1/4	147.65	1/4		1/4		1/4		1/4	
1/2	1,451.24	1/2	1,188.25	1/2	926.42	1/2	667.62	1/2	405.16	1/2	142.17	1/2		1/2		1/2		1/2	
3/4	1,445.76	3/4	1,182.77	3/4	921.02	3/4	662.23	3/4	399.68	3/4	136.69	3/4		3/4		3/4		3/4	
11	1,440.29	11	1,177.29	11	915.63	11	656.84	11	394.20	11	131.22	11		11		11		11	
1/4	1,434.81	1/4	1,171.81	1/4	910.24	1/4	651.45	1/4	388.72	1/4	125.75	1/4		1/4		1/4		1/4	
1/2	1,429.33	1/2	1,166.33	1/2	904.84	1/2	646.07	1/2	383.24	1/2	120.27	1/2		1/2		1/2		1/2	
3/4	1,423.86	3/4	1,160.85	3/4	899.45	3/4	640.63	3/4	377.77	3/4	114.81	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 10130"

3 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	3,232.66	0	2,973.32	0	2,713.98	0	2,454.23	0	2,193.49	0	1,932.75
1/4		1/4		1/4		1/4		1/4	3,227.25	1/4	2,967.92	1/4	2,708.58	1/4	2,448.80	1/4	2,188.06	1/4	1,927.32
1/2		1/2		1/2		1/2	3,446.31	1/2	3,221.85	1/2	2,962.51	1/2	2,703.17	1/2	2,443.37	1/2	2,182.63	1/2	1,921.89
3/4		3/4		3/4		3/4	3,445.40	3/4	3,216.45	3/4	2,957.11	3/4	2,697.77	3/4	2,437.94	3/4	2,177.19	3/4	1,916.45
1		1		1		1	3,444.50	1	3,211.05	1	2,951.71	1	2,692.37	1	2,432.50	1	2,171.76	1	1,911.02
1/4		1/4		1/4		1/4	3,443.59	1/4	3,205.64	1/4	2,946.30	1/4	2,686.96	1/4	2,427.07	1/4	2,166.33	1/4	1,905.59
1/2		1/2		1/2		1/2	3,442.68	1/2	3,200.24	1/2	2,940.90	1/2	2,681.56	1/2	2,421.64	1/2	2,160.90	1/2	1,900.16
3/4		3/4		3/4		3/4	3,439.97	3/4	3,194.84	3/4	2,935.50	3/4	2,676.16	3/4	2,416.21	3/4	2,155.47	3/4	1,894.73
2		2		2		2	3,437.25	2	3,189.43	2	2,930.10	2	2,670.76	2	2,410.77	2	2,150.03	2	1,889.29
1/4		1/4		1/4		1/4	3,434.53	1/4	3,184.03	1/4	2,924.69	1/4	2,665.35	1/4	2,405.34	1/4	2,144.60	1/4	1,883.86
1/2		1/2		1/2		1/2	3,431.81	1/2	3,178.63	1/2	2,919.29	1/2	2,659.95	1/2	2,399.91	1/2	2,139.17	1/2	1,878.43
3/4		3/4		3/4		3/4	3,427.41	3/4	3,173.23	3/4	2,913.89	3/4	2,654.55	3/4	2,394.48	3/4	2,133.74	3/4	1,873.00
3		3		3		3	3,423.01	3	3,167.82	3	2,908.48	3	2,649.14	3	2,389.05	3	2,128.31	3	1,867.56
1/4		1/4		1/4		1/4	3,418.61	1/4	3,162.42	1/4	2,903.08	1/4	2,643.74	1/4	2,383.61	1/4	2,122.87	1/4	1,862.13
1/2		1/2		1/2		1/2	3,414.21	1/2	3,157.02	1/2	2,897.68	1/2	2,638.34	1/2	2,378.18	1/2	2,117.44	1/2	1,856.70
3/4		3/4		3/4		3/4	3,408.95	3/4	3,151.61	3/4	2,892.28	3/4	2,632.94	3/4	2,372.75	3/4	2,112.01	3/4	1,851.27
4		4		4		4	3,403.68	4	3,146.21	4	2,886.87	4	2,627.53	4	2,367.32	4	2,106.58	4	1,845.84
1/4		1/4		1/4		1/4	3,398.42	1/4	3,140.81	1/4	2,881.47	1/4	2,622.13	1/4	2,361.89	1/4	2,101.14	1/4	1,840.40
1/2		1/2		1/2		1/2	3,393.15	1/2	3,135.41	1/2	2,876.07	1/2	2,616.73	1/2	2,356.45	1/2	2,095.71	1/2	1,834.97
3/4		3/4		3/4		3/4	3,387.86	3/4	3,130.00	3/4	2,870.66	3/4	2,611.32	3/4	2,351.02	3/4	2,090.28	3/4	1,829.54
5		5		5		5	3,382.56	5	3,124.60	5	2,865.26	5	2,605.92	5	2,345.59	5	2,084.85	5	1,824.11
1/4		1/4		1/4		1/4	3,377.27	1/4	3,119.20	1/4	2,859.86	1/4	2,600.52	1/4	2,340.16	1/4	2,079.42	1/4	1,818.68
1/2		1/2		1/2		1/2	3,371.97	1/2	3,113.79	1/2	2,854.45	1/2	2,595.12	1/2	2,334.73	1/2	2,073.98	1/2	1,813.24
3/4		3/4		3/4		3/4	3,366.66	3/4	3,108.39	3/4	2,849.05	3/4	2,589.71	3/4	2,329.29	3/4	2,068.55	3/4	1,807.81
6		6		6		6	3,361.35	6	3,102.99	6	2,843.65	6	2,584.31	6	2,323.86	6	2,063.12	6	1,802.38
1/4		1/4		1/4		1/4	3,356.04	1/4	3,097.59	1/4	2,838.25	1/4	2,578.91	1/4	2,318.43	1/4	2,057.69	1/4	1,796.95
1/2		1/2		1/2		1/2	3,350.73	1/2	3,092.18	1/2	2,832.84	1/2	2,573.50	1/2	2,313.00	1/2	2,052.26	1/2	1,791.52
3/4		3/4		3/4		3/4	3,345.43	3/4	3,086.78	3/4	2,827.44	3/4	2,568.10	3/4	2,307.56	3/4	2,046.82	3/4	1,786.08
7		7		7		7	3,340.12	7	3,081.38	7	2,822.04	7	2,562.70	7	2,302.13	7	2,041.39	7	1,780.65
1/4		1/4		1/4		1/4	3,334.82	1/4	3,075.97	1/4	2,816.63	1/4	2,557.30	1/4	2,296.70	1/4	2,035.96	1/4	1,775.22
1/2		1/2		1/2		1/2	3,329.52	1/2	3,070.57	1/2	2,811.23	1/2	2,551.89	1/2	2,291.27	1/2	2,030.53	1/2	1,769.79
3/4		3/4		3/4		3/4	3,324.21	3/4	3,065.17	3/4	2,805.83	3/4	2,546.49	3/4	2,285.84	3/4	2,025.10	3/4	1,764.35
8		8		8		8	3,318.91	8	3,059.77	8	2,800.43	8	2,541.09	8	2,280.40	8	2,019.66	8	1,758.92
1/4		1/4		1/4		1/4	3,313.60	1/4	3,054.36	1/4	2,795.02	1/4	2,535.68	1/4	2,274.97	1/4	2,014.23	1/4	1,753.49
1/2		1/2		1/2		1/2	3,308.30	1/2	3,048.96	1/2	2,789.62	1/2	2,530.28	1/2	2,269.54	1/2	2,008.80	1/2	1,748.06
3/4		3/4		3/4		3/4	3,302.90	3/4	3,043.56	3/4	2,784.22	3/4	2,524.85	3/4	2,264.11	3/4	2,003.37	3/4	1,742.63
9		9		9		9	3,297.49	9	3,038.15	9	2,778.81	9	2,519.42	9	2,258.68	9	1,997.93	9	1,737.19
1/4		1/4		1/4		1/4	3,292.09	1/4	3,032.75	1/4	2,773.41	1/4	2,513.98	1/4	2,253.24	1/4	1,992.50	1/4	1,731.76
1/2		1/2		1/2		1/2	3,286.69	1/2	3,027.35	1/2	2,768.01	1/2	2,508.55	1/2	2,247.81	1/2	1,987.07	1/2	1,726.33
3/4		3/4		3/4		3/4	3,281.28	3/4	3,021.94	3/4	2,762.61	3/4	2,503.12	3/4	2,242.38	3/4	1,981.64	3/4	1,720.90
10		10		10		10	3,275.88	10	3,016.54	10	2,757.20	10	2,497.69	10	2,236.95	10	1,976.21	10	1,715.47
1/4		1/4		1/4		1/4	3,270.48	1/4	3,011.14	1/4	2,751.80	1/4	2,492.26	1/4	2,231.52	1/4	1,970.77	1/4	1,710.03
1/2		1/2		1/2		1/2	3,265.08	1/2	3,005.74	1/2	2,746.40	1/2	2,486.82	1/2	2,226.08	1/2	1,965.34	1/2	1,704.60
3/4		3/4		3/4		3/4	3,259.67	3/4	3,000.33	3/4	2,740.99	3/4	2,481.39	3/4	2,220.65	3/4	1,959.91	3/4	1,699.17
11		11		11		11	3,254.27	11	2,994.93	11	2,735.59	11	2,475.96	11	2,215.22	11	1,954.48	11	1,693.74
1/4		1/4		1/4		1/4	3,248.87	1/4	2,989.53	1/4	2,730.19	1/4	2,470.53	1/4	2,209.79	1/4	1,949.05	1/4	1,688.31
1/2		1/2		1/2		1/2	3,243.46	1/2	2,984.12	1/2	2,724.79	1/2	2,465.10	1/2	2,204.35	1/2	1,943.61	1/2	1,682.87
3/4		3/4		3/4		3/4	3,238.06	3/4	2,978.72	3/4	2,719.38	3/4	2,459.66	3/4	2,198.92	3/4	1,938.18	3/4	1,677.44

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 10130"

3 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	1,672.01	0	1,411.27	0	1,150.37	0	890.26	0	630.19	0	369.30	0	108.48	0		0		0	
1/4	1,666.58	1/4	1,405.84	1/4	1,144.94	1/4	884.86	1/4	624.75	1/4	363.87	1/4	103.06	1/4		1/4		1/4	
1/2	1,661.14	1/2	1,400.40	1/2	1,139.50	1/2	879.46	1/2	619.32	1/2	358.43	1/2	97.64	1/2		1/2		1/2	
3/4	1,655.71	3/4	1,394.97	3/4	1,134.06	3/4	874.07	3/4	613.88	3/4	353.00	3/4	92.24	3/4		3/4		3/4	
1	1,650.28	1	1,389.53	1	1,128.63	1	868.67	1	608.45	1	347.56	1	86.84	1		1		1	
1/4	1,644.85	1/4	1,384.10	1/4	1,123.19	1/4	863.27	1/4	603.01	1/4	342.13	1/4	81.44	1/4		1/4		1/4	
1/2	1,639.42	1/2	1,378.66	1/2	1,117.76	1/2	857.87	1/2	597.58	1/2	336.69	1/2	76.04	1/2		1/2		1/2	
3/4	1,633.98	3/4	1,373.23	3/4	1,112.32	3/4	852.47	3/4	592.14	3/4	331.26	3/4	70.66	3/4		3/4		3/4	
2	1,628.55	2	1,367.79	2	1,106.89	2	847.07	2	586.71	2	325.82	2	65.29	2		2		2	
1/4	1,623.12	1/4	1,362.36	1/4	1,101.45	1/4	841.67	1/4	581.27	1/4	320.39	1/4	59.92	1/4		1/4		1/4	
1/2	1,617.69	1/2	1,356.92	1/2	1,096.02	1/2	836.27	1/2	575.84	1/2	314.95	1/2	54.55	1/2		1/2		1/2	
3/4	1,612.26	3/4	1,351.48	3/4	1,090.58	3/4	830.87	3/4	570.40	3/4	309.52	3/4	49.22	3/4		3/4		3/4	
3	1,606.82	3	1,346.05	3	1,085.14	3	825.47	3	564.97	3	304.08	3	43.90	3		3		3	
1/4	1,601.39	1/4	1,340.61	1/4	1,079.71	1/4	820.07	1/4	559.53	1/4	298.65	1/4	38.58	1/4		1/4		1/4	
1/2	1,595.96	1/2	1,335.18	1/2	1,074.27	1/2	814.67	1/2	554.10	1/2	293.21	1/2	33.25	1/2		1/2		1/2	
3/4	1,590.53	3/4	1,329.74	3/4	1,068.84	3/4	809.28	3/4	548.66	3/4	287.78	3/4	28.73	3/4		3/4		3/4	
4	1,585.10	4	1,324.31	4	1,063.40	4	803.89	4	543.23	4	282.34	4	24.21	4		4		4	
1/4	1,579.66	1/4	1,318.87	1/4	1,057.97	1/4	798.49	1/4	537.79	1/4	276.91	1/4	19.69	1/4		1/4		1/4	
1/2	1,574.23	1/2	1,313.44	1/2	1,052.53	1/2	793.10	1/2	532.36	1/2	271.47	1/2	15.17	1/2		1/2		1/2	
3/4	1,568.80	3/4	1,308.00	3/4	1,047.10	3/4	787.67	3/4	526.92	3/4	266.04	3/4	12.45	3/4		3/4		3/4	
5	1,563.37	5	1,302.56	5	1,041.66	5	782.24	5	521.49	5	260.60	5	9.73	5		5		5	
1/4	1,557.93	1/4	1,297.13	1/4	1,036.23	1/4	776.81	1/4	516.05	1/4	255.17	1/4	7.02	1/4		1/4		1/4	
1/2	1,552.50	1/2	1,291.69	1/2	1,030.79	1/2	771.38	1/2	510.62	1/2	249.73	1/2	4.30	1/2		1/2		1/2	
3/4	1,547.07	3/4	1,286.26	3/4	1,025.35	3/4	765.95	3/4	505.18	3/4	244.30	3/4	3.39	3/4		3/4		3/4	
6	1,541.64	6	1,280.82	6	1,019.92	6	760.52	6	499.75	6	238.86	6	2.49	6		6		6	
1/4	1,536.21	1/4	1,275.39	1/4	1,014.48	1/4	755.09	1/4	494.31	1/4	233.43	1/4	1.58	1/4		1/4		1/4	
1/2	1,530.77	1/2	1,269.95	1/2	1,009.05	1/2	749.66	1/2	488.88	1/2	227.99	1/2	0.68	1/2		1/2		1/2	
3/4	1,525.34	3/4	1,264.52	3/4	1,003.65	3/4	744.23	3/4	483.44	3/4	222.56	3/4		3/4		3/4		3/4	
7	1,519.91	7	1,259.08	7	998.25	7	738.80	7	478.01	7	217.12	7		7		7		7	
1/4	1,514.48	1/4	1,253.65	1/4	992.85	1/4	733.37	1/4	472.57	1/4	211.69	1/4		1/4		1/4		1/4	
1/2	1,509.05	1/2	1,248.21	1/2	987.45	1/2	727.94	1/2	467.14	1/2	206.25	1/2		1/2		1/2		1/2	
3/4	1,503.61	3/4	1,242.77	3/4	982.05	3/4	722.50	3/4	461.70	3/4	200.82	3/4		3/4		3/4		3/4	
8	1,498.18	8	1,237.34	8	976.65	8	717.07	8	456.26	8	195.38	8		8		8		8	
1/4	1,492.75	1/4	1,231.90	1/4	971.25	1/4	711.64	1/4	450.83	1/4	189.95	1/4		1/4		1/4		1/4	
1/2	1,487.32	1/2	1,226.47	1/2	965.85	1/2	706.21	1/2	445.39	1/2	184.51	1/2		1/2		1/2		1/2	
3/4	1,481.89	3/4	1,221.03	3/4	960.45	3/4	700.78	3/4	439.96	3/4	179.07	3/4		3/4		3/4		3/4	
9	1,476.45	9	1,215.60	9	955.05	9	695.35	9	434.52	9	173.64	9		9		9		9	
1/4	1,471.02	1/4	1,210.16	1/4	949.66	1/4	689.92	1/4	429.09	1/4	168.20	1/4		1/4		1/4		1/4	
1/2	1,465.59	1/2	1,204.73	1/2	944.26	1/2	684.49	1/2	423.65	1/2	162.77	1/2		1/2		1/2		1/2	
3/4	1,460.16	3/4	1,199.29	3/4	938.86	3/4	679.06	3/4	418.22	3/4	157.33	3/4		3/4		3/4		3/4	
10	1,454.72	10	1,193.85	10	933.46	10	673.63	10	412.78	10	151.90	10		10		10		10	
1/4	1,449.29	1/4	1,188.42	1/4	928.06	1/4	668.20	1/4	407.35	1/4	146.47	1/4		1/4		1/4		1/4	
1/2	1,443.86	1/2	1,182.98	1/2	922.66	1/2	662.77	1/2	401.91	1/2	141.03	1/2		1/2		1/2		1/2	
3/4	1,438.43	3/4	1,177.55	3/4	917.26	3/4	657.34	3/4	396.48	3/4	135.60	3/4		3/4		3/4		3/4	
11	1,433.00	11	1,172.11	11	911.86	11	651.91	11	391.04	11	130.17	11		11		11		11	
1/4	1,427.56	1/4	1,166.68	1/4	906.46	1/4	646.49	1/4	385.61	1/4	124.74	1/4		1/4		1/4		1/4	
1/2	1,422.13	1/2	1,161.24	1/2	901.06	1/2	641.06	1/2	380.17	1/2	119.31	1/2		1/2		1/2		1/2	
3/4	1,416.70	3/4	1,155.81	3/4	895.66	3/4	635.62	3/4	374.74	3/4	113.89	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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