



BARGE "KIRBY 10128"

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 12, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10128"

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	3,547.18	0	3,294.77	0	3,042.36	0	2,784.29	0	2,489.28	0	2,193.56
1/4		1/4		1/4		1/4		1/4	3,541.92	1/4	3,289.51	1/4	3,037.10	1/4	2,778.14	1/4	2,483.12	1/4	2,187.40
1/2		1/2		1/2		1/2	3,757.06	1/2	3,536.66	1/2	3,284.25	1/2	3,031.84	1/2	2,772.00	1/2	2,476.96	1/2	2,181.24
3/4		3/4		3/4		3/4	3,756.03	3/4	3,531.40	3/4	3,278.99	3/4	3,026.59	3/4	2,765.86	3/4	2,470.79	3/4	2,175.08
1		1		1		1	3,755.00	1	3,526.14	1	3,273.74	1	3,021.33	1	2,759.72	1	2,464.63	1	2,168.92
1/4		1/4		1/4		1/4	3,753.97	1/4	3,520.88	1/4	3,268.48	1/4	3,016.07	1/4	2,753.58	1/4	2,458.47	1/4	2,162.76
1/2		1/2		1/2		1/2	3,752.94	1/2	3,515.63	1/2	3,263.22	1/2	3,010.81	1/2	2,747.43	1/2	2,452.31	1/2	2,156.60
3/4		3/4		3/4		3/4	3,749.84	3/4	3,510.37	3/4	3,257.96	3/4	3,005.55	3/4	2,741.29	3/4	2,446.15	3/4	2,150.44
2		2		2		2	3,746.75	2	3,505.11	2	3,252.70	2	3,000.29	2	2,735.15	2	2,439.99	2	2,144.28
1/4		1/4		1/4		1/4	3,743.66	1/4	3,499.85	1/4	3,247.44	1/4	2,995.03	1/4	2,729.01	1/4	2,433.83	1/4	2,138.12
1/2		1/2		1/2		1/2	3,740.57	1/2	3,494.59	1/2	3,242.18	1/2	2,989.78	1/2	2,722.87	1/2	2,427.67	1/2	2,131.96
3/4		3/4		3/4		3/4	3,736.42	3/4	3,489.33	3/4	3,236.93	3/4	2,984.52	3/4	2,716.72	3/4	2,421.51	3/4	2,125.80
3		3		3		3	3,732.28	3	3,484.08	3	3,231.67	3	2,979.26	3	2,710.58	3	2,415.35	3	2,119.63
1/4		1/4		1/4		1/4	3,728.14	1/4	3,478.82	1/4	3,226.41	1/4	2,974.00	1/4	2,704.44	1/4	2,409.19	1/4	2,113.47
1/2		1/2		1/2		1/2	3,724.00	1/2	3,473.56	1/2	3,221.15	1/2	2,968.74	1/2	2,698.30	1/2	2,403.03	1/2	2,107.31
3/4		3/4		3/4		3/4	3,718.88	3/4	3,468.30	3/4	3,215.89	3/4	2,963.48	3/4	2,692.15	3/4	2,396.87	3/4	2,101.15
4		4		4		4	3,713.75	4	3,463.04	4	3,210.63	4	2,958.23	4	2,686.01	4	2,390.71	4	2,094.99
1/4		1/4		1/4		1/4	3,708.63	1/4	3,457.78	1/4	3,205.37	1/4	2,952.97	1/4	2,679.87	1/4	2,384.54	1/4	2,088.83
1/2		1/2		1/2		1/2	3,703.50	1/2	3,452.52	1/2	3,200.12	1/2	2,947.71	1/2	2,673.73	1/2	2,378.38	1/2	2,082.67
3/4		3/4		3/4		3/4	3,698.34	3/4	3,447.27	3/4	3,194.86	3/4	2,942.45	3/4	2,667.59	3/4	2,372.22	3/4	2,076.51
5		5		5		5	3,693.18	5	3,442.01	5	3,189.60	5	2,937.19	5	2,661.44	5	2,366.06	5	2,070.35
1/4		1/4		1/4		1/4	3,688.02	1/4	3,436.75	1/4	3,184.34	1/4	2,931.93	1/4	2,655.30	1/4	2,359.90	1/4	2,064.19
1/2		1/2		1/2		1/2	3,682.86	1/2	3,431.49	1/2	3,179.08	1/2	2,926.67	1/2	2,649.16	1/2	2,353.74	1/2	2,058.03
3/4		3/4		3/4		3/4	3,677.69	3/4	3,426.23	3/4	3,173.82	3/4	2,921.42	3/4	2,643.02	3/4	2,347.58	3/4	2,051.87
6		6		6		6	3,672.51	6	3,420.97	6	3,168.57	6	2,916.16	6	2,636.87	6	2,341.42	6	2,045.71
1/4		1/4		1/4		1/4	3,667.34	1/4	3,415.71	1/4	3,163.31	1/4	2,910.90	1/4	2,630.73	1/4	2,335.26	1/4	2,039.55
1/2		1/2		1/2		1/2	3,662.17	1/2	3,410.46	1/2	3,158.05	1/2	2,905.64	1/2	2,624.59	1/2	2,329.10	1/2	2,033.38
3/4		3/4		3/4		3/4	3,657.00	3/4	3,405.20	3/4	3,152.79	3/4	2,900.38	3/4	2,618.45	3/4	2,322.94	3/4	2,027.22
7		7		7		7	3,651.82	7	3,399.94	7	3,147.53	7	2,895.12	7	2,612.31	7	2,316.78	7	2,021.06
1/4		1/4		1/4		1/4	3,646.65	1/4	3,394.68	1/4	3,142.27	1/4	2,889.86	1/4	2,606.16	1/4	2,310.62	1/4	2,014.90
1/2		1/2		1/2		1/2	3,641.48	1/2	3,389.42	1/2	3,137.01	1/2	2,884.61	1/2	2,600.02	1/2	2,304.46	1/2	2,008.74
3/4		3/4		3/4		3/4	3,636.31	3/4	3,384.16	3/4	3,131.76	3/4	2,879.35	3/4	2,593.88	3/4	2,298.29	3/4	2,002.58
8		8		8		8	3,631.14	8	3,378.91	8	3,126.50	8	2,874.09	8	2,587.74	8	2,292.13	8	1,996.42
1/4		1/4		1/4		1/4	3,625.97	1/4	3,373.65	1/4	3,121.24	1/4	2,868.83	1/4	2,581.59	1/4	2,285.97	1/4	1,990.26
1/2		1/2		1/2		1/2	3,620.80	1/2	3,368.39	1/2	3,115.98	1/2	2,863.57	1/2	2,575.45	1/2	2,279.81	1/2	1,984.10
3/4		3/4		3/4		3/4	3,615.54	3/4	3,363.13	3/4	3,110.72	3/4	2,858.29	3/4	2,569.31	3/4	2,273.65	3/4	1,977.94
9		9		9		9	3,610.28	9	3,357.87	9	3,105.46	9	2,853.01	9	2,563.17	9	2,267.49	9	1,971.78
1/4		1/4		1/4		1/4	3,605.02	1/4	3,352.61	1/4	3,100.20	1/4	2,847.72	1/4	2,557.03	1/4	2,261.33	1/4	1,965.62
1/2		1/2		1/2		1/2	3,599.76	1/2	3,347.35	1/2	3,094.95	1/2	2,842.44	1/2	2,550.88	1/2	2,255.17	1/2	1,959.46
3/4		3/4		3/4		3/4	3,594.50	3/4	3,342.10	3/4	3,089.69	3/4	2,837.16	3/4	2,544.72	3/4	2,249.01	3/4	1,953.30
10		10		10		10	3,589.25	10	3,336.84	10	3,084.43	10	2,831.87	10	2,538.56	10	2,242.85	10	1,947.13
1/4		1/4		1/4		1/4	3,583.99	1/4	3,331.58	1/4	3,079.17	1/4	2,826.59	1/4	2,532.40	1/4	2,236.69	1/4	1,940.97
1/2		1/2		1/2		1/2	3,578.73	1/2	3,326.32	1/2	3,073.91	1/2	2,821.31	1/2	2,526.24	1/2	2,230.53	1/2	1,934.81
3/4		3/4		3/4		3/4	3,573.47	3/4	3,321.06	3/4	3,068.65	3/4	2,815.12	3/4	2,520.08	3/4	2,224.37	3/4	1,928.65
11		11		11		11	3,568.21	11	3,315.80	11	3,063.40	11	2,808.94	11	2,513.92	11	2,218.21	11	1,922.49
1/4		1/4		1/4		1/4	3,562.95	1/4	3,310.54	1/4	3,058.14	1/4	2,802.75	1/4	2,507.76	1/4	2,212.05	1/4	1,916.33
1/2		1/2		1/2		1/2	3,557.69	1/2	3,305.29	1/2	3,052.88	1/2	2,796.57	1/2	2,501.60	1/2	2,205.88	1/2	1,910.17
3/4		3/4		3/4		3/4	3,552.44	3/4	3,300.03	3/4	3,047.62	3/4	2,790.43	3/4	2,495.44	3/4	2,199.72	3/4	1,904.01

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 10128"

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	1,897.85	0	1,601.91	0	1,305.79	0	1,009.67	0	719.37	0	423.31	0	126.98	0		0		0	
1/4	1,891.69	1/4	1,595.75	1/4	1,299.62	1/4	1,003.50	1/4	713.29	1/4	417.14	1/4	120.81	1/4		1/4		1/4	
1/2	1,885.53	1/2	1,589.58	1/2	1,293.45	1/2	997.33	1/2	707.22	1/2	410.97	1/2	114.64	1/2		1/2		1/2	
3/4	1,879.37	3/4	1,583.41	3/4	1,287.28	3/4	991.16	3/4	701.06	3/4	404.79	3/4	108.50	3/4		3/4		3/4	
1	1,873.21	1	1,577.24	1	1,281.12	1	984.99	1	694.91	1	398.62	1	102.35	1		1		1	
1/4	1,867.05	1/4	1,571.07	1/4	1,274.95	1/4	978.82	1/4	688.75	1/4	392.45	1/4	96.21	1/4		1/4		1/4	
1/2	1,860.89	1/2	1,564.90	1/2	1,268.78	1/2	972.65	1/2	682.60	1/2	386.27	1/2	90.06	1/2		1/2		1/2	
3/4	1,854.72	3/4	1,558.73	3/4	1,262.61	3/4	966.54	3/4	676.42	3/4	380.10	3/4	83.95	3/4		3/4		3/4	
2	1,848.56	2	1,552.56	2	1,256.44	2	960.44	2	670.25	2	373.92	2	77.83	2		2		2	
1/4	1,842.40	1/4	1,546.40	1/4	1,250.27	1/4	954.33	1/4	664.08	1/4	367.75	1/4	71.72	1/4		1/4		1/4	
1/2	1,836.24	1/2	1,540.23	1/2	1,244.10	1/2	948.22	1/2	657.91	1/2	361.58	1/2	65.60	1/2		1/2		1/2	
3/4	1,830.08	3/4	1,534.06	3/4	1,237.93	3/4	942.18	3/4	651.73	3/4	355.40	3/4	59.55	3/4		3/4		3/4	
3	1,823.92	3	1,527.89	3	1,231.76	3	936.14	3	645.56	3	349.23	3	53.49	3		3		3	
1/4	1,817.76	1/4	1,521.72	1/4	1,225.59	1/4	930.09	1/4	639.39	1/4	343.06	1/4	47.43	1/4		1/4		1/4	
1/2	1,811.60	1/2	1,515.55	1/2	1,219.42	1/2	924.05	1/2	633.22	1/2	336.88	1/2	41.37	1/2		1/2		1/2	
3/4	1,805.43	3/4	1,509.38	3/4	1,213.25	3/4	918.01	3/4	627.04	3/4	330.71	3/4	36.23	3/4		3/4		3/4	
4	1,799.26	4	1,503.21	4	1,207.08	4	911.96	4	620.87	4	324.54	4	31.08	4		4		4	
1/4	1,793.09	1/4	1,497.04	1/4	1,200.91	1/4	905.92	1/4	614.70	1/4	318.36	1/4	25.94	1/4		1/4		1/4	
1/2	1,786.92	1/2	1,490.87	1/2	1,194.75	1/2	899.88	1/2	608.52	1/2	312.19	1/2	20.79	1/2		1/2		1/2	
3/4	1,780.75	3/4	1,484.70	3/4	1,188.58	3/4	893.85	3/4	602.35	3/4	306.02	3/4	17.70	3/4		3/4		3/4	
5	1,774.58	5	1,478.53	5	1,182.41	5	887.82	5	596.17	5	299.84	5	14.61	5		5		5	
1/4	1,768.42	1/4	1,472.36	1/4	1,176.24	1/4	881.80	1/4	590.00	1/4	293.67	1/4	11.52	1/4		1/4		1/4	
1/2	1,762.25	1/2	1,466.19	1/2	1,170.07	1/2	875.77	1/2	583.83	1/2	287.49	1/2	8.42	1/2		1/2		1/2	
3/4	1,756.08	3/4	1,460.03	3/4	1,163.90	3/4	869.76	3/4	577.65	3/4	281.32	3/4	7.39	3/4		3/4		3/4	
6	1,749.91	6	1,453.86	6	1,157.73	6	863.75	6	571.48	6	275.15	6	6.36	6		6		6	
1/4	1,743.74	1/4	1,447.69	1/4	1,151.56	1/4	857.74	1/4	565.31	1/4	268.97	1/4	5.33	1/4		1/4		1/4	
1/2	1,737.57	1/2	1,441.52	1/2	1,145.39	1/2	851.73	1/2	559.13	1/2	262.80	1/2	4.30	1/2		1/2		1/2	
3/4	1,731.40	3/4	1,435.35	3/4	1,139.22	3/4	845.72	3/4	552.96	3/4	256.63	3/4		3/4		3/4		3/4	
7	1,725.24	7	1,429.18	7	1,133.05	7	839.71	7	546.79	7	250.45	7		7		7		7	
1/4	1,719.07	1/4	1,423.01	1/4	1,126.88	1/4	833.70	1/4	540.61	1/4	244.28	1/4		1/4		1/4		1/4	
1/2	1,712.90	1/2	1,416.84	1/2	1,120.71	1/2	827.69	1/2	534.44	1/2	238.11	1/2		1/2		1/2		1/2	
3/4	1,706.73	3/4	1,410.67	3/4	1,114.54	3/4	821.67	3/4	528.26	3/4	231.93	3/4		3/4		3/4		3/4	
8	1,700.57	8	1,404.50	8	1,108.37	8	815.66	8	522.09	8	225.76	8		8		8		8	
1/4	1,694.40	1/4	1,398.33	1/4	1,102.21	1/4	809.65	1/4	515.92	1/4	219.58	1/4		1/4		1/4		1/4	
1/2	1,688.24	1/2	1,392.16	1/2	1,096.04	1/2	803.64	1/2	509.74	1/2	213.41	1/2		1/2		1/2		1/2	
3/4	1,682.07	3/4	1,385.99	3/4	1,089.87	3/4	797.63	3/4	503.57	3/4	207.24	3/4		3/4		3/4		3/4	
9	1,675.90	9	1,379.82	9	1,083.70	9	791.62	9	497.40	9	201.06	9		9		9		9	
1/4	1,669.74	1/4	1,373.65	1/4	1,077.53	1/4	785.61	1/4	491.22	1/4	194.89	1/4		1/4		1/4		1/4	
1/2	1,663.57	1/2	1,367.49	1/2	1,071.36	1/2	779.60	1/2	485.05	1/2	188.72	1/2		1/2		1/2		1/2	
3/4	1,657.41	3/4	1,361.32	3/4	1,065.19	3/4	773.59	3/4	478.88	3/4	182.54	3/4		3/4		3/4		3/4	
10	1,651.24	10	1,355.15	10	1,059.02	10	767.58	10	472.70	10	176.37	10		10		10		10	
1/4	1,645.07	1/4	1,348.98	1/4	1,052.85	1/4	761.57	1/4	466.53	1/4	170.20	1/4		1/4		1/4		1/4	
1/2	1,638.91	1/2	1,342.81	1/2	1,046.68	1/2	755.56	1/2	460.36	1/2	164.03	1/2		1/2		1/2		1/2	
3/4	1,632.74	3/4	1,336.64	3/4	1,040.51	3/4	749.55	3/4	454.18	3/4	157.85	3/4		3/4		3/4		3/4	
11	1,626.58	11	1,330.47	11	1,034.34	11	743.54	11	448.01	11	151.67	11		11		11		11	
1/4	1,620.41	1/4	1,324.30	1/4	1,028.17	1/4	737.53	1/4	441.83	1/4	145.49	1/4		1/4		1/4		1/4	
1/2	1,614.24	1/2	1,318.13	1/2	1,022.00	1/2	731.52	1/2	435.66	1/2	139.31	1/2		1/2		1/2		1/2	
3/4	1,608.08	3/4	1,311.96	3/4	1,015.84	3/4	725.44	3/4	429.49	3/4	133.14	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/11/2015 CL
CALCULATED: 02/12/2015 CL
PRINTED: 02/12/2015 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 10128"

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	3,250.67	0	2,989.53	0	2,728.39	0	2,466.84	0	2,204.31	0	1,941.77
1/4		1/4		1/4		1/4		1/4	3,245.23	1/4	2,984.09	1/4	2,722.95	1/4	2,461.38	1/4	2,198.84	1/4	1,936.30
1/2		1/2		1/2		1/2	3,465.80	1/2	3,239.79	1/2	2,978.65	1/2	2,717.51	1/2	2,455.91	1/2	2,193.37	1/2	1,930.83
3/4		3/4		3/4		3/4	3,464.89	3/4	3,234.35	3/4	2,973.21	3/4	2,712.07	3/4	2,450.44	3/4	2,187.90	3/4	1,925.36
1		1		1		1	3,463.98	1	3,228.91	1	2,967.77	1	2,706.63	1	2,444.97	1	2,182.43	1	1,919.89
1/4		1/4		1/4		1/4	3,463.07	1/4	3,223.47	1/4	2,962.33	1/4	2,701.19	1/4	2,439.50	1/4	2,176.96	1/4	1,914.42
1/2		1/2		1/2		1/2	3,462.15	1/2	3,218.03	1/2	2,956.89	1/2	2,695.75	1/2	2,434.03	1/2	2,171.49	1/2	1,908.96
3/4		3/4		3/4		3/4	3,459.42	3/4	3,212.59	3/4	2,951.45	3/4	2,690.31	3/4	2,428.56	3/4	2,166.02	3/4	1,903.49
2		2		2		2	3,456.68	2	3,207.15	2	2,946.01	2	2,684.87	2	2,423.09	2	2,160.55	2	1,898.02
1/4		1/4		1/4		1/4	3,453.94	1/4	3,201.71	1/4	2,940.57	1/4	2,679.43	1/4	2,417.62	1/4	2,155.08	1/4	1,892.55
1/2		1/2		1/2		1/2	3,451.21	1/2	3,196.27	1/2	2,935.13	1/2	2,673.99	1/2	2,412.15	1/2	2,149.61	1/2	1,887.08
3/4		3/4		3/4		3/4	3,446.78	3/4	3,190.83	3/4	2,929.69	3/4	2,668.55	3/4	2,406.68	3/4	2,144.14	3/4	1,881.61
3		3		3		3	3,442.34	3	3,185.38	3	2,924.25	3	2,663.11	3	2,401.21	3	2,138.67	3	1,876.14
1/4		1/4		1/4		1/4	3,437.91	1/4	3,179.94	1/4	2,918.81	1/4	2,657.67	1/4	2,395.74	1/4	2,133.20	1/4	1,870.67
1/2		1/2		1/2		1/2	3,433.48	1/2	3,174.50	1/2	2,913.36	1/2	2,652.23	1/2	2,390.27	1/2	2,127.74	1/2	1,865.20
3/4		3/4		3/4		3/4	3,428.18	3/4	3,169.06	3/4	2,907.92	3/4	2,646.79	3/4	2,384.80	3/4	2,122.27	3/4	1,859.73
4		4		4		4	3,422.88	4	3,163.62	4	2,902.48	4	2,641.34	4	2,379.33	4	2,116.80	4	1,854.26
1/4		1/4		1/4		1/4	3,417.58	1/4	3,158.18	1/4	2,897.04	1/4	2,635.90	1/4	2,373.86	1/4	2,111.33	1/4	1,848.79
1/2		1/2		1/2		1/2	3,412.28	1/2	3,152.74	1/2	2,891.60	1/2	2,630.46	1/2	2,368.39	1/2	2,105.86	1/2	1,843.32
3/4		3/4		3/4		3/4	3,406.94	3/4	3,147.30	3/4	2,886.16	3/4	2,625.02	3/4	2,362.92	3/4	2,100.39	3/4	1,837.85
5		5		5		5	3,401.61	5	3,141.86	5	2,880.72	5	2,619.58	5	2,357.45	5	2,094.92	5	1,832.38
1/4		1/4		1/4		1/4	3,396.28	1/4	3,136.42	1/4	2,875.28	1/4	2,614.14	1/4	2,351.99	1/4	2,089.45	1/4	1,826.91
1/2		1/2		1/2		1/2	3,390.95	1/2	3,130.98	1/2	2,869.84	1/2	2,608.70	1/2	2,346.52	1/2	2,083.98	1/2	1,821.44
3/4		3/4		3/4		3/4	3,385.60	3/4	3,125.54	3/4	2,864.40	3/4	2,603.26	3/4	2,341.05	3/4	2,078.51	3/4	1,815.97
6		6		6		6	3,380.26	6	3,120.10	6	2,858.96	6	2,597.82	6	2,335.58	6	2,073.04	6	1,810.50
1/4		1/4		1/4		1/4	3,374.91	1/4	3,114.66	1/4	2,853.52	1/4	2,592.38	1/4	2,330.11	1/4	2,067.57	1/4	1,805.03
1/2		1/2		1/2		1/2	3,369.57	1/2	3,109.22	1/2	2,848.08	1/2	2,586.94	1/2	2,324.64	1/2	2,062.10	1/2	1,799.57
3/4		3/4		3/4		3/4	3,364.23	3/4	3,103.78	3/4	2,842.64	3/4	2,581.50	3/4	2,319.17	3/4	2,056.63	3/4	1,794.10
7		7		7		7	3,358.88	7	3,098.34	7	2,837.20	7	2,576.06	7	2,313.70	7	2,051.16	7	1,788.63
1/4		1/4		1/4		1/4	3,353.54	1/4	3,092.90	1/4	2,831.76	1/4	2,570.62	1/4	2,308.23	1/4	2,045.69	1/4	1,783.16
1/2		1/2		1/2		1/2	3,348.20	1/2	3,087.46	1/2	2,826.32	1/2	2,565.18	1/2	2,302.76	1/2	2,040.22	1/2	1,777.69
3/4		3/4		3/4		3/4	3,342.86	3/4	3,082.02	3/4	2,820.88	3/4	2,559.74	3/4	2,297.29	3/4	2,034.75	3/4	1,772.22
8		8		8		8	3,337.52	8	3,076.58	8	2,815.44	8	2,554.30	8	2,291.82	8	2,029.28	8	1,766.75
1/4		1/4		1/4		1/4	3,332.18	1/4	3,071.14	1/4	2,810.00	1/4	2,548.86	1/4	2,286.35	1/4	2,023.81	1/4	1,761.28
1/2		1/2		1/2		1/2	3,326.84	1/2	3,065.70	1/2	2,804.56	1/2	2,543.42	1/2	2,280.88	1/2	2,018.35	1/2	1,755.81
3/4		3/4		3/4		3/4	3,321.39	3/4	3,060.26	3/4	2,799.12	3/4	2,537.95	3/4	2,275.41	3/4	2,012.88	3/4	1,750.34
9		9		9		9	3,315.95	9	3,054.82	9	2,793.68	9	2,532.48	9	2,269.94	9	2,007.41	9	1,744.87
1/4		1/4		1/4		1/4	3,310.51	1/4	3,049.37	1/4	2,788.24	1/4	2,527.01	1/4	2,264.47	1/4	2,001.94	1/4	1,739.40
1/2		1/2		1/2		1/2	3,305.07	1/2	3,043.93	1/2	2,782.80	1/2	2,521.54	1/2	2,259.00	1/2	1,996.47	1/2	1,733.93
3/4		3/4		3/4		3/4	3,299.63	3/4	3,038.49	3/4	2,777.35	3/4	2,516.07	3/4	2,253.53	3/4	1,991.00	3/4	1,728.46
10		10		10		10	3,294.19	10	3,033.05	10	2,771.91	10	2,510.60	10	2,248.06	10	1,985.53	10	1,722.99
1/4		1/4		1/4		1/4	3,288.75	1/4	3,027.61	1/4	2,766.47	1/4	2,505.13	1/4	2,242.59	1/4	1,980.06	1/4	1,717.52
1/2		1/2		1/2		1/2	3,283.31	1/2	3,022.17	1/2	2,761.03	1/2	2,499.66	1/2	2,237.13	1/2	1,974.59	1/2	1,712.05
3/4		3/4		3/4		3/4	3,277.87	3/4	3,016.73	3/4	2,755.59	3/4	2,494.19	3/4	2,231.66	3/4	1,969.12	3/4	1,706.58
11		11		11		11	3,272.43	11	3,011.29	11	2,750.15	11	2,488.72	11	2,226.19	11	1,963.65	11	1,701.11
1/4		1/4		1/4		1/4	3,266.99	1/4	3,005.85	1/4	2,744.71	1/4	2,483.25	1/4	2,220.72	1/4	1,958.18	1/4	1,695.64
1/2		1/2		1/2		1/2	3,261.55	1/2	3,000.41	1/2	2,739.27	1/2	2,477.78	1/2	2,215.25	1/2	1,952.71	1/2	1,690.18
3/4		3/4		3/4		3/4	3,256.11	3/4	2,994.97	3/4	2,733.83	3/4	2,472.31	3/4	2,209.78	3/4	1,947.24	3/4	1,684.71

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 10128"

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	1,679.24	0	1,416.70	0	1,154.00	0	892.99	0	634.44	0	371.84	0	109.22	0		0		0	
1/4	1,673.77	1/4	1,411.23	1/4	1,148.53	1/4	887.60	1/4	629.01	1/4	366.37	1/4	103.76	1/4		1/4		1/4	
1/2	1,668.30	1/2	1,405.76	1/2	1,143.06	1/2	882.21	1/2	623.58	1/2	360.90	1/2	98.31	1/2		1/2		1/2	
3/4	1,662.83	3/4	1,400.29	3/4	1,137.58	3/4	876.83	3/4	618.11	3/4	355.43	3/4	92.87	3/4		3/4		3/4	
1	1,657.36	1	1,394.82	1	1,132.11	1	871.44	1	612.64	1	349.95	1	87.43	1		1		1	
1/4	1,651.89	1/4	1,389.34	1/4	1,126.64	1/4	866.05	1/4	607.17	1/4	344.48	1/4	81.99	1/4		1/4		1/4	
1/2	1,646.42	1/2	1,383.87	1/2	1,121.17	1/2	860.66	1/2	601.69	1/2	339.01	1/2	76.55	1/2		1/2		1/2	
3/4	1,640.95	3/4	1,378.40	3/4	1,115.69	3/4	855.27	3/4	596.22	3/4	333.54	3/4	71.15	3/4		3/4		3/4	
2	1,635.48	2	1,372.92	2	1,110.22	2	849.88	2	590.75	2	328.06	2	65.74	2		2		2	
1/4	1,630.01	1/4	1,367.45	1/4	1,104.75	1/4	844.50	1/4	585.28	1/4	322.59	1/4	60.33	1/4		1/4		1/4	
1/2	1,624.54	1/2	1,361.98	1/2	1,099.27	1/2	839.11	1/2	579.80	1/2	317.12	1/2	54.92	1/2		1/2		1/2	
3/4	1,619.07	3/4	1,356.50	3/4	1,093.80	3/4	833.72	3/4	574.33	3/4	311.65	3/4	49.56	3/4		3/4		3/4	
3	1,613.60	3	1,351.03	3	1,088.33	3	828.33	3	568.86	3	306.17	3	44.20	3		3		3	
1/4	1,608.13	1/4	1,345.56	1/4	1,082.85	1/4	822.94	1/4	563.39	1/4	300.70	1/4	38.84	1/4		1/4		1/4	
1/2	1,602.66	1/2	1,340.09	1/2	1,077.38	1/2	817.55	1/2	557.91	1/2	295.23	1/2	33.48	1/2		1/2		1/2	
3/4	1,597.19	3/4	1,334.61	3/4	1,071.91	3/4	812.17	3/4	552.44	3/4	289.76	3/4	28.93	3/4		3/4		3/4	
4	1,591.72	4	1,329.14	4	1,066.44	4	806.79	4	546.97	4	284.28	4	24.37	4		4		4	
1/4	1,586.26	1/4	1,323.67	1/4	1,060.96	1/4	801.41	1/4	541.50	1/4	278.81	1/4	19.82	1/4		1/4		1/4	
1/2	1,580.79	1/2	1,318.19	1/2	1,055.49	1/2	796.02	1/2	536.02	1/2	273.34	1/2	15.27	1/2		1/2		1/2	
3/4	1,575.32	3/4	1,312.72	3/4	1,050.02	3/4	790.64	3/4	530.55	3/4	267.87	3/4	12.53	3/4		3/4		3/4	
5	1,569.85	5	1,307.25	5	1,044.54	5	785.26	5	525.08	5	262.39	5	9.80	5		5		5	
1/4	1,564.38	1/4	1,301.77	1/4	1,039.07	1/4	779.87	1/4	519.60	1/4	256.92	1/4	7.06	1/4		1/4		1/4	
1/2	1,558.91	1/2	1,296.30	1/2	1,033.60	1/2	774.49	1/2	514.13	1/2	251.45	1/2	4.32	1/2		1/2		1/2	
3/4	1,553.44	3/4	1,290.83	3/4	1,028.12	3/4	769.11	3/4	508.66	3/4	245.97	3/4	3.41	3/4		3/4		3/4	
6	1,547.97	6	1,285.36	6	1,022.65	6	763.72	6	503.19	6	240.50	6	2.50	6		6		6	
1/4	1,542.50	1/4	1,279.88	1/4	1,017.18	1/4	758.34	1/4	497.71	1/4	235.03	1/4	1.59	1/4		1/4		1/4	
1/2	1,537.03	1/2	1,274.41	1/2	1,011.71	1/2	752.96	1/2	492.24	1/2	229.56	1/2	0.68	1/2		1/2		1/2	
3/4	1,531.56	3/4	1,268.94	3/4	1,006.27	3/4	747.57	3/4	486.77	3/4	224.08	3/4		3/4		3/4		3/4	
7	1,526.09	7	1,263.46	7	1,000.84	7	742.19	7	481.30	7	218.61	7		7		7		7	
1/4	1,520.62	1/4	1,257.99	1/4	995.41	1/4	736.81	1/4	475.82	1/4	213.14	1/4		1/4		1/4		1/4	
1/2	1,515.15	1/2	1,252.52	1/2	989.98	1/2	731.42	1/2	470.35	1/2	207.67	1/2		1/2		1/2		1/2	
3/4	1,509.68	3/4	1,247.04	3/4	984.59	3/4	726.04	3/4	464.88	3/4	202.19	3/4		3/4		3/4		3/4	
8	1,504.21	8	1,241.57	8	979.20	8	720.66	8	459.41	8	196.72	8		8		8		8	
1/4	1,498.74	1/4	1,236.10	1/4	973.82	1/4	715.28	1/4	453.93	1/4	191.25	1/4		1/4		1/4		1/4	
1/2	1,493.27	1/2	1,230.63	1/2	968.43	1/2	709.89	1/2	448.46	1/2	185.78	1/2		1/2		1/2		1/2	
3/4	1,487.80	3/4	1,225.15	3/4	963.04	3/4	704.51	3/4	442.99	3/4	180.30	3/4		3/4		3/4		3/4	
9	1,482.33	9	1,219.68	9	957.65	9	699.13	9	437.52	9	174.83	9		9		9		9	
1/4	1,476.87	1/4	1,214.21	1/4	952.26	1/4	693.74	1/4	432.04	1/4	169.36	1/4		1/4		1/4		1/4	
1/2	1,471.40	1/2	1,208.73	1/2	946.87	1/2	688.36	1/2	426.57	1/2	163.89	1/2		1/2		1/2		1/2	
3/4	1,465.93	3/4	1,203.26	3/4	941.49	3/4	682.98	3/4	421.10	3/4	158.41	3/4		3/4		3/4		3/4	
10	1,460.46	10	1,197.79	10	936.10	10	677.59	10	415.63	10	152.94	10		10		10		10	
1/4	1,454.99	1/4	1,192.31	1/4	930.71	1/4	672.21	1/4	410.15	1/4	147.47	1/4		1/4		1/4		1/4	
1/2	1,449.52	1/2	1,186.84	1/2	925.32	1/2	666.83	1/2	404.68	1/2	142.00	1/2		1/2		1/2		1/2	
3/4	1,444.05	3/4	1,181.37	3/4	919.93	3/4	661.45	3/4	399.21	3/4	136.53	3/4		3/4		3/4		3/4	
11	1,438.58	11	1,175.90	11	914.54	11	656.06	11	393.74	11	131.06	11		11		11		11	
1/4	1,433.11	1/4	1,170.42	1/4	909.16	1/4	650.68	1/4	388.26	1/4	125.60	1/4		1/4		1/4		1/4	
1/2	1,427.64	1/2	1,164.95	1/2	903.77	1/2	645.30	1/2	382.79	1/2	120.13	1/2		1/2		1/2		1/2	
3/4	1,422.17	3/4	1,159.48	3/4	898.38	3/4	639.87	3/4	377.32	3/4	114.67	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/11/2015 CL
CALCULATED: 02/12/2015 CL
PRINTED: 02/12/2015 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 10128"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		
0	0	0	0	0	0	0	0	3,243.94	0	2,984.56	0	2,725.19	0	2,465.46	0	2,204.68	0	1,943.90		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,238.54	1/4	2,979.16	1/4	2,719.78	1/4	2,460.03	1/4	2,199.25	1/4	1,938.47		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,233.13	1/2	2,973.76	1/2	2,714.38	1/2	2,454.59	1/2	2,193.81	1/2	1,933.03		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,227.73	3/4	2,968.35	3/4	2,708.98	3/4	2,449.16	3/4	2,188.38	3/4	1,927.60		
1	1	1	1	1	1	1	1	3,446.82	1	3,222.33	1	2,962.95	1	2,703.57	1	2,443.73	1	2,182.95	1	1,922.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,445.91	1/4	3,216.92	1/4	2,957.55	1/4	2,698.17	1/4	2,438.29	1/4	2,177.52	1/4	1,916.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,445.00	1/2	3,211.52	1/2	2,952.14	1/2	2,692.76	1/2	2,432.86	1/2	2,172.08	1/2	1,911.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,444.10	3/4	3,206.12	3/4	2,946.74	3/4	2,687.36	3/4	2,427.43	3/4	2,166.65	3/4	1,905.87
2	2	2	2	2	2	2	2	3,443.19	2	3,200.71	2	2,941.33	2	2,681.96	2	2,422.00	2	2,161.22	2	1,900.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,440.47	1/4	3,195.31	1/4	2,935.93	1/4	2,676.55	1/4	2,416.56	1/4	2,155.78	1/4	1,895.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,437.75	1/2	3,189.91	1/2	2,930.53	1/2	2,671.15	1/2	2,411.13	1/2	2,150.35	1/2	1,889.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,435.04	3/4	3,184.50	3/4	2,925.12	3/4	2,665.75	3/4	2,405.70	3/4	2,144.92	3/4	1,884.14
3	3	3	3	3	3	3	3	3,432.32	3	3,179.10	3	2,919.72	3	2,660.34	3	2,400.26	3	2,139.48	3	1,878.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,427.92	1/4	3,173.69	1/4	2,914.32	1/4	2,654.94	1/4	2,394.83	1/4	2,134.05	1/4	1,873.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,423.52	1/2	3,168.29	1/2	2,908.91	1/2	2,649.54	1/2	2,389.40	1/2	2,128.62	1/2	1,867.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,419.12	3/4	3,162.89	3/4	2,903.51	3/4	2,644.13	3/4	2,383.97	3/4	2,123.19	3/4	1,862.41
4	4	4	4	4	4	4	4	3,414.71	4	3,157.48	4	2,898.11	4	2,638.73	4	2,378.53	4	2,117.75	4	1,856.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,409.45	1/4	3,152.08	1/4	2,892.70	1/4	2,633.32	1/4	2,373.10	1/4	2,112.32	1/4	1,851.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,404.18	1/2	3,146.68	1/2	2,887.30	1/2	2,627.92	1/2	2,367.67	1/2	2,106.89	1/2	1,846.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,398.92	3/4	3,141.27	3/4	2,881.89	3/4	2,622.52	3/4	2,362.23	3/4	2,101.45	3/4	1,840.68
5	5	5	5	5	5	5	5	3,393.65	5	3,135.87	5	2,876.49	5	2,617.11	5	2,356.80	5	2,096.02	5	1,835.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,388.36	1/4	3,130.46	1/4	2,871.09	1/4	2,611.71	1/4	2,351.37	1/4	2,090.59	1/4	1,829.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,383.06	1/2	3,125.06	1/2	2,865.68	1/2	2,606.31	1/2	2,345.94	1/2	2,085.16	1/2	1,824.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,377.77	3/4	3,119.66	3/4	2,860.28	3/4	2,600.90	3/4	2,340.50	3/4	2,079.72	3/4	1,818.94
6	6	6	6	6	6	6	6	3,372.47	6	3,114.25	6	2,854.88	6	2,595.50	6	2,335.07	6	2,074.29	6	1,813.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,367.16	1/4	3,108.85	1/4	2,849.47	1/4	2,590.09	1/4	2,329.64	1/4	2,068.86	1/4	1,808.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,361.85	1/2	3,103.45	1/2	2,844.07	1/2	2,584.69	1/2	2,324.20	1/2	2,063.42	1/2	1,802.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,356.54	3/4	3,098.04	3/4	2,838.66	3/4	2,579.29	3/4	2,318.77	3/4	2,057.99	3/4	1,797.21
7	7	7	7	7	7	7	7	3,351.23	7	3,092.64	7	2,833.26	7	2,573.88	7	2,313.34	7	2,052.56	7	1,791.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,345.92	1/4	3,087.23	1/4	2,827.86	1/4	2,568.48	1/4	2,307.90	1/4	2,047.13	1/4	1,786.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,340.62	1/2	3,081.83	1/2	2,822.45	1/2	2,563.08	1/2	2,302.47	1/2	2,041.69	1/2	1,780.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,335.31	3/4	3,076.43	3/4	2,817.05	3/4	2,557.67	3/4	2,297.04	3/4	2,036.26	3/4	1,775.48
8	8	8	8	8	8	8	8	3,330.01	8	3,071.02	8	2,811.65	8	2,552.27	8	2,291.61	8	2,030.83	8	1,770.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,324.70	1/4	3,065.62	1/4	2,806.24	1/4	2,546.86	1/4	2,286.17	1/4	2,025.39	1/4	1,764.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,319.40	1/2	3,060.22	1/2	2,800.84	1/2	2,541.46	1/2	2,280.74	1/2	2,019.96	1/2	1,759.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,314.09	3/4	3,054.81	3/4	2,795.44	3/4	2,536.06	3/4	2,275.31	3/4	2,014.53	3/4	1,753.75
9	9	9	9	9	9	9	9	3,308.79	9	3,049.41	9	2,790.03	9	2,530.65	9	2,269.87	9	2,009.10	9	1,748.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,303.38	1/4	3,044.01	1/4	2,784.63	1/4	2,525.22	1/4	2,264.44	1/4	2,003.66	1/4	1,742.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,297.98	1/2	3,038.60	1/2	2,779.22	1/2	2,519.79	1/2	2,259.01	1/2	1,998.23	1/2	1,737.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,292.58	3/4	3,033.20	3/4	2,773.82	3/4	2,514.36	3/4	2,253.58	3/4	1,992.80	3/4	1,732.02
10	10	10	10	10	10	10	10	3,287.17	10	3,027.79	10	2,768.42	10	2,508.92	10	2,248.14	10	1,987.36	10	1,726.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,281.77	1/4	3,022.39	1/4	2,763.01	1/4	2,503.49	1/4	2,242.71	1/4	1,981.93	1/4	1,721.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,276.36	1/2	3,016.99	1/2	2,757.61	1/2	2,498.06	1/2	2,237.28	1/2	1,976.50	1/2	1,715.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,270.96	3/4	3,011.58	3/4	2,752.21	3/4	2,492.62	3/4	2,231.84	3/4	1,971.07	3/4	1,710.29
11	11	11	11	11	11	11	11	3,265.56	11	3,006.18	11	2,746.80	11	2,487.19	11	2,226.41	11	1,965.63	11	1,704.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,260.15	1/4	3,000.78	1/4	2,741.40	1/4	2,481.76	1/4	2,220.98	1/4	1,960.20	1/4	1,699.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,254.75	1/2	2,995.37	1/2	2,735.99	1/2	2,476.32	1/2	2,215.55	1/2	1,954.77	1/2	1,693.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,249.35	3/4	2,989.97	3/4	2,730.59	3/4	2,470.89	3/4	2,210.11	3/4	1,949.33	3/4	1,688.55

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 10128"

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	1,683.12	0	1,422.34	0	1,161.41	0	901.19	0	641.15	0	380.23	0	119.33	0		0		0	
1/4	1,677.69	1/4	1,416.91	1/4	1,155.98	1/4	895.79	1/4	635.71	1/4	374.79	1/4	113.91	1/4		1/4		1/4	
1/2	1,672.26	1/2	1,411.48	1/2	1,150.54	1/2	890.39	1/2	630.28	1/2	369.36	1/2	108.49	1/2		1/2		1/2	
3/4	1,666.82	3/4	1,406.04	3/4	1,145.10	3/4	884.99	3/4	624.84	3/4	363.92	3/4	103.07	3/4		3/4		3/4	
1	1,661.39	1	1,400.61	1	1,139.67	1	879.59	1	619.41	1	358.49	1	97.65	1		1		1	
1/4	1,655.96	1/4	1,395.17	1/4	1,134.23	1/4	874.19	1/4	613.97	1/4	353.05	1/4	92.25	1/4		1/4		1/4	
1/2	1,650.52	1/2	1,389.74	1/2	1,128.80	1/2	868.79	1/2	608.54	1/2	347.61	1/2	86.85	1/2		1/2		1/2	
3/4	1,645.09	3/4	1,384.30	3/4	1,123.36	3/4	863.39	3/4	603.10	3/4	342.18	3/4	81.45	3/4		3/4		3/4	
2	1,639.66	2	1,378.87	2	1,117.92	2	857.99	2	597.67	2	336.74	2	76.05	2		2		2	
1/4	1,634.23	1/4	1,373.43	1/4	1,112.49	1/4	852.59	1/4	592.23	1/4	331.31	1/4	70.67	1/4		1/4		1/4	
1/2	1,628.79	1/2	1,367.99	1/2	1,107.05	1/2	847.19	1/2	586.79	1/2	325.87	1/2	65.30	1/2		1/2		1/2	
3/4	1,623.36	3/4	1,362.56	3/4	1,101.61	3/4	841.79	3/4	581.36	3/4	320.43	3/4	59.93	3/4		3/4		3/4	
3	1,617.93	3	1,357.12	3	1,096.18	3	836.39	3	575.92	3	315.00	3	54.55	3		3		3	
1/4	1,612.49	1/4	1,351.68	1/4	1,090.74	1/4	830.99	1/4	570.49	1/4	309.56	1/4	49.23	1/4		1/4		1/4	
1/2	1,607.06	1/2	1,346.25	1/2	1,085.31	1/2	825.59	1/2	565.05	1/2	304.13	1/2	43.91	1/2		1/2		1/2	
3/4	1,601.63	3/4	1,340.81	3/4	1,079.87	3/4	820.19	3/4	559.61	3/4	298.69	3/4	38.58	3/4		3/4		3/4	
4	1,596.19	4	1,335.37	4	1,074.43	4	814.79	4	554.18	4	293.26	4	33.26	4		4		4	
1/4	1,590.76	1/4	1,329.94	1/4	1,069.00	1/4	809.40	1/4	548.74	1/4	287.82	1/4	28.74	1/4		1/4		1/4	
1/2	1,585.33	1/2	1,324.50	1/2	1,063.56	1/2	804.00	1/2	543.31	1/2	282.38	1/2	24.21	1/2		1/2		1/2	
3/4	1,579.90	3/4	1,319.07	3/4	1,058.12	3/4	798.61	3/4	537.87	3/4	276.95	3/4	19.69	3/4		3/4		3/4	
5	1,574.46	5	1,313.63	5	1,052.69	5	793.21	5	532.43	5	271.51	5	15.17	5		5		5	
1/4	1,569.03	1/4	1,308.19	1/4	1,047.25	1/4	787.78	1/4	527.00	1/4	266.08	1/4	12.45	1/4		1/4		1/4	
1/2	1,563.60	1/2	1,302.76	1/2	1,041.81	1/2	782.35	1/2	521.56	1/2	260.64	1/2	9.73	1/2		1/2		1/2	
3/4	1,558.16	3/4	1,297.32	3/4	1,036.38	3/4	776.92	3/4	516.13	3/4	255.20	3/4	7.02	3/4		3/4		3/4	
6	1,552.73	6	1,291.88	6	1,030.94	6	771.49	6	510.69	6	249.77	6	4.30	6		6		6	
1/4	1,547.30	1/4	1,286.45	1/4	1,025.51	1/4	766.06	1/4	505.26	1/4	244.33	1/4	3.39	1/4		1/4		1/4	
1/2	1,541.87	1/2	1,281.01	1/2	1,020.07	1/2	760.63	1/2	499.82	1/2	238.90	1/2	2.49	1/2		1/2		1/2	
3/4	1,536.43	3/4	1,275.58	3/4	1,014.63	3/4	755.20	3/4	494.38	3/4	233.46	3/4	1.58	3/4		3/4		3/4	
7	1,531.00	7	1,270.14	7	1,009.20	7	749.77	7	488.95	7	228.02	7	0.68	7		7		7	
1/4	1,525.57	1/4	1,264.70	1/4	1,003.80	1/4	744.34	1/4	483.51	1/4	222.59	1/4		1/4		1/4		1/4	
1/2	1,520.13	1/2	1,259.27	1/2	998.40	1/2	738.90	1/2	478.08	1/2	217.15	1/2		1/2		1/2		1/2	
3/4	1,514.70	3/4	1,253.83	3/4	993.00	3/4	733.47	3/4	472.64	3/4	211.72	3/4		3/4		3/4		3/4	
8	1,509.27	8	1,248.39	8	987.60	8	728.04	8	467.20	8	206.28	8		8		8		8	
1/4	1,503.84	1/4	1,242.96	1/4	982.20	1/4	722.61	1/4	461.77	1/4	200.85	1/4		1/4		1/4		1/4	
1/2	1,498.40	1/2	1,237.52	1/2	976.80	1/2	717.18	1/2	456.33	1/2	195.41	1/2		1/2		1/2		1/2	
3/4	1,492.97	3/4	1,232.09	3/4	971.40	3/4	711.75	3/4	450.90	3/4	189.97	3/4		3/4		3/4		3/4	
9	1,487.54	9	1,226.65	9	966.00	9	706.32	9	445.46	9	184.54	9		9		9		9	
1/4	1,482.10	1/4	1,221.21	1/4	960.60	1/4	700.89	1/4	440.02	1/4	179.10	1/4		1/4		1/4		1/4	
1/2	1,476.67	1/2	1,215.78	1/2	955.20	1/2	695.46	1/2	434.59	1/2	173.67	1/2		1/2		1/2		1/2	
3/4	1,471.24	3/4	1,210.34	3/4	949.80	3/4	690.03	3/4	429.15	3/4	168.23	3/4		3/4		3/4		3/4	
10	1,465.81	10	1,204.90	10	944.40	10	684.59	10	423.72	10	162.79	10		10		10		10	
1/4	1,460.37	1/4	1,199.47	1/4	939.00	1/4	679.16	1/4	418.28	1/4	157.36	1/4		1/4		1/4		1/4	
1/2	1,454.94	1/2	1,194.03	1/2	933.60	1/2	673.73	1/2	412.85	1/2	151.92	1/2		1/2		1/2		1/2	
3/4	1,449.51	3/4	1,188.59	3/4	928.20	3/4	668.30	3/4	407.41	3/4	146.49	3/4		3/4		3/4		3/4	
11	1,444.07	11	1,183.16	11	922.80	11	662.87	11	401.97	11	141.05	11		11		11		11	
1/4	1,438.64	1/4	1,177.72	1/4	917.40	1/4	657.44	1/4	396.54	1/4	135.62	1/4		1/4		1/4		1/4	
1/2	1,433.21	1/2	1,172.29	1/2	912.00	1/2	652.01	1/2	391.10	1/2	130.19	1/2		1/2		1/2		1/2	
3/4	1,427.78	3/4	1,166.85	3/4	906.60	3/4	646.58	3/4	385.67	3/4	124.76	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/11/2015 CL
CALCULATED: 02/12/2015 CL
PRINTED: 02/12/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

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