



BARGE "KIRBY 10123"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(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"

January 28, 2015

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

<http://www.pmacorp.net>



BARGE "KIRBY 10123"

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	3,549.19	0	3,296.64	0	3,044.08	0	2,785.87	0	2,490.69	0	2,194.81
1/4		1/4		1/4		1/4		1/4	3,543.93	1/4	3,291.38	1/4	3,038.82	1/4	2,779.72	1/4	2,484.52	1/4	2,188.64
1/2		1/2		1/2		1/2	3,759.19	1/2	3,538.67	1/2	3,286.11	1/2	3,033.56	1/2	2,773.57	1/2	2,478.36	1/2	2,182.48
3/4		3/4		3/4		3/4	3,758.16	3/4	3,533.40	3/4	3,280.85	3/4	3,028.30	3/4	2,767.43	3/4	2,472.19	3/4	2,176.31
1	1	1	1	1	1	1	3,757.13	1	3,528.14	1	3,275.59	1	3,023.04	1	2,761.28	1	2,466.03	1	2,170.15
1/4		1/4		1/4		1/4	3,756.09	1/4	3,522.88	1/4	3,270.33	1/4	3,017.78	1/4	2,755.14	1/4	2,459.87	1/4	2,163.98
1/2		1/2		1/2		1/2	3,755.06	1/2	3,517.62	1/2	3,265.07	1/2	3,012.52	1/2	2,748.99	1/2	2,453.70	1/2	2,157.82
3/4		3/4		3/4		3/4	3,751.97	3/4	3,512.36	3/4	3,259.81	3/4	3,007.25	3/4	2,742.85	3/4	2,447.54	3/4	2,151.66
2	2	2	2	2	2	2	3,748.87	2	3,507.10	2	3,254.55	2	3,001.99	2	2,736.70	2	2,441.37	2	2,145.49
1/4		1/4		1/4		1/4	3,745.78	1/4	3,501.84	1/4	3,249.28	1/4	2,996.73	1/4	2,730.55	1/4	2,435.21	1/4	2,139.33
1/2		1/2		1/2		1/2	3,742.68	1/2	3,496.57	1/2	3,244.02	1/2	2,991.47	1/2	2,724.41	1/2	2,429.05	1/2	2,133.16
3/4		3/4		3/4		3/4	3,738.54	3/4	3,491.31	3/4	3,238.76	3/4	2,986.21	3/4	2,718.26	3/4	2,422.88	3/4	2,127.00
3	3	3	3	3	3	3	3,734.40	3	3,486.05	3	3,233.50	3	2,980.95	3	2,712.12	3	2,416.72	3	2,120.84
1/4		1/4		1/4		1/4	3,730.25	1/4	3,480.79	1/4	3,228.24	1/4	2,975.69	1/4	2,705.97	1/4	2,410.55	1/4	2,114.67
1/2		1/2		1/2		1/2	3,726.11	1/2	3,475.53	1/2	3,222.98	1/2	2,970.42	1/2	2,699.83	1/2	2,404.39	1/2	2,108.51
3/4		3/4		3/4		3/4	3,720.98	3/4	3,470.27	3/4	3,217.71	3/4	2,965.16	3/4	2,693.68	3/4	2,398.22	3/4	2,102.34
4	4	4	4	4	4	4	3,715.85	4	3,465.01	4	3,212.45	4	2,959.90	4	2,687.53	4	2,392.06	4	2,096.18
1/4		1/4		1/4		1/4	3,710.73	1/4	3,459.74	1/4	3,207.19	1/4	2,954.64	1/4	2,681.39	1/4	2,385.90	1/4	2,090.01
1/2		1/2		1/2		1/2	3,705.60	1/2	3,454.48	1/2	3,201.93	1/2	2,949.38	1/2	2,675.24	1/2	2,379.73	1/2	2,083.85
3/4		3/4		3/4		3/4	3,700.44	3/4	3,449.22	3/4	3,196.67	3/4	2,944.12	3/4	2,669.10	3/4	2,373.57	3/4	2,077.69
5	5	5	5	5	5	5	3,695.27	5	3,443.96	5	3,191.41	5	2,938.85	5	2,662.95	5	2,367.40	5	2,071.52
1/4		1/4		1/4		1/4	3,690.11	1/4	3,438.70	1/4	3,186.15	1/4	2,933.59	1/4	2,656.81	1/4	2,361.24	1/4	2,065.36
1/2		1/2		1/2		1/2	3,684.95	1/2	3,433.44	1/2	3,180.88	1/2	2,928.33	1/2	2,650.66	1/2	2,355.08	1/2	2,059.19
3/4		3/4		3/4		3/4	3,679.77	3/4	3,428.17	3/4	3,175.62	3/4	2,923.07	3/4	2,644.52	3/4	2,348.91	3/4	2,053.03
6	6	6	6	6	6	6	3,674.59	6	3,422.91	6	3,170.36	6	2,917.81	6	2,638.37	6	2,342.75	6	2,046.87
1/4		1/4		1/4		1/4	3,669.42	1/4	3,417.65	1/4	3,165.10	1/4	2,912.55	1/4	2,632.22	1/4	2,336.58	1/4	2,040.70
1/2		1/2		1/2		1/2	3,664.24	1/2	3,412.39	1/2	3,159.84	1/2	2,907.29	1/2	2,626.08	1/2	2,330.42	1/2	2,034.54
3/4		3/4		3/4		3/4	3,659.07	3/4	3,407.13	3/4	3,154.58	3/4	2,902.02	3/4	2,619.93	3/4	2,324.25	3/4	2,028.37
7	7	7	7	7	7	7	3,653.89	7	3,401.87	7	3,149.32	7	2,896.76	7	2,613.79	7	2,318.09	7	2,022.21
1/4		1/4		1/4		1/4	3,648.72	1/4	3,396.61	1/4	3,144.05	1/4	2,891.50	1/4	2,607.64	1/4	2,311.93	1/4	2,016.04
1/2		1/2		1/2		1/2	3,643.55	1/2	3,391.34	1/2	3,138.79	1/2	2,886.24	1/2	2,601.50	1/2	2,305.76	1/2	2,009.88
3/4		3/4		3/4		3/4	3,638.37	3/4	3,386.08	3/4	3,133.53	3/4	2,880.98	3/4	2,595.35	3/4	2,299.60	3/4	2,003.72
8	8	8	8	8	8	8	3,633.20	8	3,380.82	8	3,128.27	8	2,875.72	8	2,589.20	8	2,293.43	8	1,997.55
1/4		1/4		1/4		1/4	3,628.02	1/4	3,375.56	1/4	3,123.01	1/4	2,870.46	1/4	2,583.06	1/4	2,287.27	1/4	1,991.39
1/2		1/2		1/2		1/2	3,622.85	1/2	3,370.30	1/2	3,117.75	1/2	2,865.19	1/2	2,576.91	1/2	2,281.10	1/2	1,985.22
3/4		3/4		3/4		3/4	3,617.59	3/4	3,365.04	3/4	3,112.48	3/4	2,859.91	3/4	2,570.77	3/4	2,274.94	3/4	1,979.06
9	9	9	9	9	9	9	3,612.33	9	3,359.78	9	3,107.22	9	2,854.62	9	2,564.62	9	2,268.78	9	1,972.89
1/4		1/4		1/4		1/4	3,607.07	1/4	3,354.51	1/4	3,101.96	1/4	2,849.33	1/4	2,558.48	1/4	2,262.61	1/4	1,966.73
1/2		1/2		1/2		1/2	3,601.80	1/2	3,349.25	1/2	3,096.70	1/2	2,844.05	1/2	2,552.33	1/2	2,256.45	1/2	1,960.57
3/4		3/4		3/4		3/4	3,596.54	3/4	3,343.99	3/4	3,091.44	3/4	2,838.76	3/4	2,546.17	3/4	2,250.28	3/4	1,954.40
10	10	10	10	10	10	10	3,591.28	10	3,338.73	10	3,086.18	10	2,833.48	10	2,540.00	10	2,244.12	10	1,948.24
1/4		1/4		1/4		1/4	3,586.02	1/4	3,333.47	1/4	3,080.92	1/4	2,828.19	1/4	2,533.84	1/4	2,237.96	1/4	1,942.07
1/2		1/2		1/2		1/2	3,580.76	1/2	3,328.21	1/2	3,075.65	1/2	2,822.90	1/2	2,527.67	1/2	2,231.79	1/2	1,935.91
3/4		3/4		3/4		3/4	3,575.50	3/4	3,322.94	3/4	3,070.39	3/4	2,816.72	3/4	2,521.51	3/4	2,225.63	3/4	1,929.75
11	11	11	11	11	11	11	3,570.24	11	3,317.68	11	3,065.13	11	2,810.53	11	2,515.34	11	2,219.46	11	1,923.58
1/4		1/4		1/4		1/4	3,564.97	1/4	3,312.42	1/4	3,059.87	1/4	2,804.34	1/4	2,509.18	1/4	2,213.30	1/4	1,917.42
1/2		1/2		1/2		1/2	3,559.71	1/2	3,307.16	1/2	3,054.61	1/2	2,798.16	1/2	2,503.02	1/2	2,207.13	1/2	1,911.25
3/4		3/4		3/4		3/4	3,554.45	3/4	3,301.90	3/4	3,049.35	3/4	2,792.01	3/4	2,496.85	3/4	2,200.97	3/4	1,905.09

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "KIRBY 10123"

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	1,898.92	0	1,602.82	0	1,306.53	0	1,010.24	0	719.77	0	423.55	0	127.05	0		0		0	
1/4	1,892.76	1/4	1,596.65	1/4	1,300.36	1/4	1,004.07	1/4	713.70	1/4	417.38	1/4	120.88	1/4		1/4		1/4	
1/2	1,886.60	1/2	1,590.48	1/2	1,294.19	1/2	997.89	1/2	707.62	1/2	411.20	1/2	114.71	1/2		1/2		1/2	
3/4	1,880.43	3/4	1,584.31	3/4	1,288.01	3/4	991.72	3/4	701.46	3/4	405.02	3/4	108.56	3/4		3/4		3/4	
1	1,874.27	1	1,578.14	1	1,281.84	1	985.55	1	695.30	1	398.84	1	102.41	1		1		1	
1/4	1,868.10	1/4	1,571.96	1/4	1,275.67	1/4	979.37	1/4	689.14	1/4	392.67	1/4	96.26	1/4		1/4		1/4	
1/2	1,861.94	1/2	1,565.79	1/2	1,269.50	1/2	973.20	1/2	682.98	1/2	386.49	1/2	90.11	1/2		1/2		1/2	
3/4	1,855.77	3/4	1,559.62	3/4	1,263.32	3/4	967.09	3/4	676.81	3/4	380.31	3/4	83.99	3/4		3/4		3/4	
2	1,849.61	2	1,553.44	2	1,257.15	2	960.98	2	670.63	2	374.14	2	77.88	2		2		2	
1/4	1,843.45	1/4	1,547.27	1/4	1,250.98	1/4	954.87	1/4	664.46	1/4	367.96	1/4	71.76	1/4		1/4		1/4	
1/2	1,837.28	1/2	1,541.10	1/2	1,244.80	1/2	948.76	1/2	658.28	1/2	361.78	1/2	65.64	1/2		1/2		1/2	
3/4	1,831.12	3/4	1,534.93	3/4	1,238.63	3/4	942.71	3/4	652.10	3/4	355.61	3/4	59.58	3/4		3/4		3/4	
3	1,824.95	3	1,528.75	3	1,232.46	3	936.67	3	645.93	3	349.43	3	53.52	3		3		3	
1/4	1,818.79	1/4	1,522.58	1/4	1,226.29	1/4	930.62	1/4	639.75	1/4	343.25	1/4	47.46	1/4		1/4		1/4	
1/2	1,812.63	1/2	1,516.41	1/2	1,220.11	1/2	924.57	1/2	633.57	1/2	337.07	1/2	41.40	1/2		1/2		1/2	
3/4	1,806.45	3/4	1,510.23	3/4	1,213.94	3/4	918.53	3/4	627.40	3/4	330.90	3/4	36.25	3/4		3/4		3/4	
4	1,800.28	4	1,504.06	4	1,207.77	4	912.48	4	912.22	4	324.72	4	31.10	4		4		4	
1/4	1,794.11	1/4	1,497.89	1/4	1,201.59	1/4	906.43	1/4	615.04	1/4	318.54	1/4	25.95	1/4		1/4		1/4	
1/2	1,787.94	1/2	1,491.72	1/2	1,195.42	1/2	900.39	1/2	608.87	1/2	312.37	1/2	20.80	1/2		1/2		1/2	
3/4	1,781.76	3/4	1,485.54	3/4	1,189.25	3/4	894.36	3/4	602.69	3/4	306.19	3/4	17.71	3/4		3/4		3/4	
5	1,775.59	5	1,479.37	5	1,183.08	5	888.33	5	596.51	5	300.01	5	14.62	5		5		5	
1/4	1,769.42	1/4	1,473.20	1/4	1,176.90	1/4	882.30	1/4	590.34	1/4	293.83	1/4	11.52	1/4		1/4		1/4	
1/2	1,763.24	1/2	1,467.03	1/2	1,170.73	1/2	876.27	1/2	584.16	1/2	287.66	1/2	8.43	1/2		1/2		1/2	
3/4	1,757.07	3/4	1,460.85	3/4	1,164.56	3/4	870.25	3/4	577.98	3/4	281.48	3/4	7.40	3/4		3/4		3/4	
6	1,750.90	6	1,454.68	6	1,158.39	6	864.24	6	571.80	6	275.30	6	6.37	6		6		6	
1/4	1,744.73	1/4	1,448.51	1/4	1,152.21	1/4	858.22	1/4	565.63	1/4	269.13	1/4	5.34	1/4		1/4		1/4	
1/2	1,738.55	1/2	1,442.33	1/2	1,146.04	1/2	852.21	1/2	559.45	1/2	262.95	1/2	4.30	1/2		1/2		1/2	
3/4	1,732.38	3/4	1,436.16	3/4	1,139.87	3/4	846.20	3/4	553.27	3/4	256.77	3/4		3/4		3/4		3/4	
7	1,726.21	7	1,429.99	7	1,133.69	7	840.18	7	547.10	7	250.59	7		7		7		7	
1/4	1,720.04	1/4	1,423.82	1/4	1,127.52	1/4	834.17	1/4	540.92	1/4	244.42	1/4		1/4		1/4		1/4	
1/2	1,713.87	1/2	1,417.64	1/2	1,121.35	1/2	828.15	1/2	534.74	1/2	238.24	1/2		1/2		1/2		1/2	
3/4	1,707.70	3/4	1,411.47	3/4	1,115.18	3/4	822.14	3/4	528.56	3/4	232.06	3/4		3/4		3/4		3/4	
8	1,701.53	8	1,405.30	8	1,109.00	8	816.13	8	522.39	8	225.89	8		8		8		8	
1/4	1,695.36	1/4	1,399.12	1/4	1,102.83	1/4	810.11	1/4	516.21	1/4	219.71	1/4		1/4		1/4		1/4	
1/2	1,689.19	1/2	1,392.95	1/2	1,096.66	1/2	804.10	1/2	510.03	1/2	213.53	1/2		1/2		1/2		1/2	
3/4	1,683.02	3/4	1,386.78	3/4	1,090.48	3/4	798.08	3/4	503.86	3/4	207.35	3/4		3/4		3/4		3/4	
9	1,676.85	9	1,380.61	9	1,084.31	9	792.07	9	497.68	9	201.18	9		9		9		9	
1/4	1,670.68	1/4	1,374.43	1/4	1,078.14	1/4	786.06	1/4	491.50	1/4	195.00	1/4		1/4		1/4		1/4	
1/2	1,664.51	1/2	1,368.26	1/2	1,071.97	1/2	780.04	1/2	485.32	1/2	188.82	1/2		1/2		1/2		1/2	
3/4	1,658.34	3/4	1,362.09	3/4	1,065.79	3/4	774.03	3/4	479.15	3/4	182.65	3/4		3/4		3/4		3/4	
10	1,652.18	10	1,355.91	10	1,059.62	10	768.01	10	472.97	10	176.47	10		10		10		10	
1/4	1,646.01	1/4	1,349.74	1/4	1,053.45	1/4	762.00	1/4	466.79	1/4	170.29	1/4		1/4		1/4		1/4	
1/2	1,639.84	1/2	1,343.57	1/2	1,047.27	1/2	755.99	1/2	460.62	1/2	164.12	1/2		1/2		1/2		1/2	
3/4	1,633.67	3/4	1,337.40	3/4	1,041.10	3/4	749.97	3/4	454.44	3/4	157.94	3/4		3/4		3/4		3/4	
11	1,627.50	11	1,331.22	11	1,034.93	11	743.96	11	448.26	11	151.75	11		11		11		11	
1/4	1,621.33	1/4	1,325.05	1/4	1,028.76	1/4	737.94	1/4	442.08	1/4	145.57	1/4		1/4		1/4		1/4	
1/2	1,615.16	1/2	1,318.88	1/2	1,022.58	1/2	731.93	1/2	435.91	1/2	139.39	1/2		1/2		1/2		1/2	
3/4	1,608.99	3/4	1,312.71	3/4	1,016.41	3/4	725.85	3/4	429.73	3/4	133.22	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/27/2015 CL
CALCULATED: 01/28/2015 CL
PRINTED: 01/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "KIRBY 10123"

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	3,258.87	0	2,997.07	0	2,735.27	0	2,473.07	0	2,209.87	0	1,946.67
1/4		1/4		1/4		1/4		1/4	3,253.41	1/4	2,991.61	1/4	2,729.82	1/4	2,467.58	1/4	2,204.38	1/4	1,941.19
1/2		1/2		1/2		1/2		1/2	3,474.54	1/2	3,247.96	1/2	2,986.16	1/2	2,724.36	1/2	2,462.10	1/2	2,198.90
3/4		3/4		3/4		3/4		3/4	3,473.63	3/4	3,242.50	3/4	2,980.71	3/4	2,718.91	3/4	2,456.62	3/4	2,193.42
1		1		1		1		1	3,472.71	1	3,237.05	1	2,975.25	1	2,713.46	1	2,451.13	1	2,187.93
1/4		1/4		1/4		1/4		1/4	3,471.80	1/4	3,231.60	1/4	2,969.80	1/4	2,708.00	1/4	2,445.65	1/4	2,182.45
1/2		1/2		1/2		1/2		1/2	3,470.88	1/2	3,226.14	1/2	2,964.34	1/2	2,702.55	1/2	2,440.17	1/2	2,176.97
3/4		3/4		3/4		3/4		3/4	3,468.14	3/4	3,220.69	3/4	2,958.89	3/4	2,697.09	3/4	2,434.68	3/4	2,171.48
2		2		2		2		2	3,465.40	2	3,215.23	2	2,953.44	2	2,691.64	2	2,429.20	2	2,166.00
1/4		1/4		1/4		1/4		1/4	3,462.65	1/4	3,209.78	1/4	2,947.98	1/4	2,686.19	1/4	2,423.72	1/4	2,160.52
1/2		1/2		1/2		1/2		1/2	3,459.91	1/2	3,204.32	1/2	2,942.53	1/2	2,680.73	1/2	2,418.23	1/2	2,155.03
3/4		3/4		3/4		3/4		3/4	3,455.47	3/4	3,198.87	3/4	2,937.07	3/4	2,675.28	3/4	2,412.75	3/4	2,149.55
3		3		3		3		3	3,451.03	3	3,193.42	3	2,931.62	3	2,669.82	3	2,407.27	3	2,144.07
1/4		1/4		1/4		1/4		1/4	3,446.58	1/4	3,187.96	1/4	2,926.17	1/4	2,664.37	1/4	2,401.78	1/4	2,138.59
1/2		1/2		1/2		1/2		1/2	3,442.14	1/2	3,182.51	1/2	2,920.71	1/2	2,658.91	1/2	2,396.30	1/2	2,133.10
3/4		3/4		3/4		3/4		3/4	3,436.83	3/4	3,177.05	3/4	2,915.26	3/4	2,653.46	3/4	2,390.82	3/4	2,127.62
4		4		4		4		4	3,431.51	4	3,171.60	4	2,909.80	4	2,648.01	4	2,385.33	4	2,122.14
1/4		1/4		1/4		1/4		1/4	3,426.20	1/4	3,166.15	1/4	2,904.35	1/4	2,642.55	1/4	2,379.85	1/4	2,116.65
1/2		1/2		1/2		1/2		1/2	3,420.88	1/2	3,160.69	1/2	2,898.89	1/2	2,637.10	1/2	2,374.37	1/2	2,111.17
3/4		3/4		3/4		3/4		3/4	3,415.53	3/4	3,155.24	3/4	2,893.44	3/4	2,631.64	3/4	2,368.88	3/4	2,105.69
5		5		5		5		5	3,410.19	5	3,149.78	5	2,887.99	5	2,626.19	5	2,363.40	5	2,100.20
1/4		1/4		1/4		1/4		1/4	3,404.84	1/4	3,144.33	1/4	2,882.53	1/4	2,620.74	1/4	2,357.92	1/4	2,094.72
1/2		1/2		1/2		1/2		1/2	3,399.50	1/2	3,138.88	1/2	2,877.08	1/2	2,615.28	1/2	2,352.43	1/2	2,089.24
3/4		3/4		3/4		3/4		3/4	3,394.14	3/4	3,133.42	3/4	2,871.62	3/4	2,609.83	3/4	2,346.95	3/4	2,083.75
6		6		6		6		6	3,388.78	6	3,127.97	6	2,866.17	6	2,604.37	6	2,341.47	6	2,078.27
1/4		1/4		1/4		1/4		1/4	3,383.42	1/4	3,122.51	1/4	2,860.72	1/4	2,598.92	1/4	2,335.98	1/4	2,072.79
1/2		1/2		1/2		1/2		1/2	3,378.06	1/2	3,117.06	1/2	2,855.26	1/2	2,593.47	1/2	2,330.50	1/2	2,067.30
3/4		3/4		3/4		3/4		3/4	3,372.71	3/4	3,111.60	3/4	2,849.81	3/4	2,588.01	3/4	2,325.02	3/4	2,061.82
7		7		7		7		7	3,367.35	7	3,106.15	7	2,844.35	7	2,582.56	7	2,319.53	7	2,056.34
1/4		1/4		1/4		1/4		1/4	3,362.00	1/4	3,100.70	1/4	2,838.90	1/4	2,577.10	1/4	2,314.05	1/4	2,050.85
1/2		1/2		1/2		1/2		1/2	3,356.64	1/2	3,095.24	1/2	2,833.45	1/2	2,571.65	1/2	2,308.57	1/2	2,045.37
3/4		3/4		3/4		3/4		3/4	3,351.29	3/4	3,089.79	3/4	2,827.99	3/4	2,566.19	3/4	2,303.08	3/4	2,039.89
8		8		8		8		8	3,345.93	8	3,084.33	8	2,822.54	8	2,560.74	8	2,297.60	8	2,034.40
1/4		1/4		1/4		1/4		1/4	3,340.58	1/4	3,078.88	1/4	2,817.08	1/4	2,555.29	1/4	2,292.12	1/4	2,028.92
1/2		1/2		1/2		1/2		1/2	3,335.22	1/2	3,073.43	1/2	2,811.63	1/2	2,549.83	1/2	2,286.63	1/2	2,023.44
3/4		3/4		3/4		3/4		3/4	3,329.77	3/4	3,067.97	3/4	2,806.18	3/4	2,544.35	3/4	2,281.15	3/4	2,017.95
9		9		9		9		9	3,324.31	9	3,062.52	9	2,800.72	9	2,538.87	9	2,275.67	9	2,012.47
1/4		1/4		1/4		1/4		1/4	3,318.86	1/4	3,057.06	1/4	2,795.27	1/4	2,533.38	1/4	2,270.18	1/4	2,006.99
1/2		1/2		1/2		1/2		1/2	3,313.41	1/2	3,051.61	1/2	2,789.81	1/2	2,527.90	1/2	2,264.70	1/2	2,001.50
3/4		3/4		3/4		3/4		3/4	3,307.95	3/4	3,046.16	3/4	2,784.36	3/4	2,522.42	3/4	2,259.22	3/4	1,996.02
10		10		10		10		10	3,302.50	10	3,040.70	10	2,778.90	10	2,516.93	10	2,253.73	10	1,990.54
1/4		1/4		1/4		1/4		1/4	3,297.04	1/4	3,035.25	1/4	2,773.45	1/4	2,511.45	1/4	2,248.25	1/4	1,985.05
1/2		1/2		1/2		1/2		1/2	3,291.59	1/2	3,029.79	1/2	2,768.00	1/2	2,505.97	1/2	2,242.77	1/2	1,979.57
3/4		3/4		3/4		3/4		3/4	3,286.14	3/4	3,024.34	3/4	2,762.54	3/4	2,500.48	3/4	2,237.28	3/4	1,974.09
11		11		11		11		11	3,280.68	11	3,018.89	11	2,757.09	11	2,495.00	11	2,231.80	11	1,968.60
1/4		1/4		1/4		1/4		1/4	3,275.23	1/4	3,013.43	1/4	2,751.63	1/4	2,489.52	1/4	2,226.32	1/4	1,963.12
1/2		1/2		1/2		1/2		1/2	3,269.77	1/2	3,007.98	1/2	2,746.18	1/2	2,484.03	1/2	2,220.83	1/2	1,957.64
3/4		3/4		3/4		3/4		3/4	3,264.32	3/4	3,002.52	3/4	2,740.73	3/4	2,478.55	3/4	2,215.35	3/4	1,952.15

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 10123"

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	1,683.47	0	1,420.27	0	1,156.91	0	895.24	0	636.04	0	372.78	0	109.49	0		0		0	
1/4	1,677.99	1/4	1,414.79	1/4	1,151.43	1/4	889.84	1/4	630.60	1/4	367.30	1/4	104.02	1/4		1/4		1/4	
1/2	1,672.50	1/2	1,409.31	1/2	1,145.94	1/2	884.44	1/2	625.15	1/2	361.81	1/2	98.55	1/2		1/2		1/2	
3/4	1,667.02	3/4	1,403.82	3/4	1,140.45	3/4	879.04	3/4	619.67	3/4	356.32	3/4	93.10	3/4		3/4		3/4	
1	1,661.54	1	1,398.33	1	1,134.97	1	873.64	1	614.18	1	350.84	1	87.65	1		1		1	
1/4	1,656.05	1/4	1,392.85	1/4	1,129.48	1/4	868.23	1/4	608.70	1/4	345.35	1/4	82.20	1/4		1/4		1/4	
1/2	1,650.57	1/2	1,387.36	1/2	1,123.99	1/2	862.83	1/2	603.21	1/2	339.86	1/2	76.75	1/2		1/2		1/2	
3/4	1,645.09	3/4	1,381.87	3/4	1,118.51	3/4	857.43	3/4	597.72	3/4	334.38	3/4	71.32	3/4		3/4		3/4	
2	1,639.60	2	1,376.39	2	1,113.02	2	852.03	2	592.24	2	328.89	2	65.90	2		2		2	
1/4	1,634.12	1/4	1,370.90	1/4	1,107.53	1/4	846.63	1/4	586.75	1/4	323.40	1/4	60.48	1/4		1/4		1/4	
1/2	1,628.64	1/2	1,365.41	1/2	1,102.05	1/2	841.22	1/2	581.27	1/2	317.92	1/2	55.05	1/2		1/2		1/2	
3/4	1,623.15	3/4	1,359.92	3/4	1,096.56	3/4	835.82	3/4	575.78	3/4	312.43	3/4	49.68	3/4		3/4		3/4	
3	1,617.67	3	1,354.44	3	1,091.07	3	830.42	3	570.29	3	306.95	3	44.31	3		3		3	
1/4	1,612.19	1/4	1,348.95	1/4	1,085.58	1/4	825.02	1/4	564.81	1/4	301.46	1/4	38.94	1/4		1/4		1/4	
1/2	1,606.70	1/2	1,343.46	1/2	1,080.10	1/2	819.62	1/2	559.32	1/2	295.97	1/2	33.56	1/2		1/2		1/2	
3/4	1,601.22	3/4	1,337.98	3/4	1,074.61	3/4	814.22	3/4	553.83	3/4	290.49	3/4	29.00	3/4		3/4		3/4	
4	1,595.74	4	1,332.49	4	1,069.12	4	808.82	4	548.35	4	285.00	4	24.43	4		4		4	
1/4	1,590.26	1/4	1,327.00	1/4	1,063.64	1/4	803.43	1/4	542.86	1/4	279.51	1/4	19.87	1/4		1/4		1/4	
1/2	1,584.77	1/2	1,321.52	1/2	1,058.15	1/2	798.03	1/2	537.37	1/2	274.03	1/2	15.31	1/2		1/2		1/2	
3/4	1,579.29	3/4	1,316.03	3/4	1,052.66	3/4	792.63	3/4	531.89	3/4	268.54	3/4	12.56	3/4		3/4		3/4	
5	1,573.81	5	1,310.54	5	1,047.18	5	787.24	5	526.40	5	263.05	5	9.82	5		5		5	
1/4	1,568.32	1/4	1,305.06	1/4	1,041.69	1/4	781.84	1/4	520.92	1/4	257.57	1/4	7.08	1/4		1/4		1/4	
1/2	1,562.84	1/2	1,299.57	1/2	1,036.20	1/2	776.44	1/2	515.43	1/2	252.08	1/2	4.33	1/2		1/2		1/2	
3/4	1,557.36	3/4	1,294.08	3/4	1,030.72	3/4	771.05	3/4	509.94	3/4	246.60	3/4	3.42	3/4		3/4		3/4	
6	1,551.87	6	1,288.60	6	1,025.23	6	765.65	6	504.46	6	241.11	6	2.51	6		6		6	
1/4	1,546.39	1/4	1,283.11	1/4	1,019.74	1/4	760.25	1/4	498.97	1/4	235.62	1/4	1.59	1/4		1/4		1/4	
1/2	1,540.91	1/2	1,277.62	1/2	1,014.26	1/2	754.86	1/2	493.48	1/2	230.14	1/2	0.68	1/2		1/2		1/2	
3/4	1,535.42	3/4	1,272.14	3/4	1,008.81	3/4	749.46	3/4	488.00	3/4	224.65	3/4		3/4		3/4		3/4	
7	1,529.94	7	1,266.65	7	1,003.37	7	744.06	7	482.51	7	219.16	7		7		7		7	
1/4	1,524.46	1/4	1,261.16	1/4	997.92	1/4	738.67	1/4	477.02	1/4	213.68	1/4		1/4		1/4		1/4	
1/2	1,518.97	1/2	1,255.68	1/2	992.48	1/2	733.27	1/2	471.54	1/2	208.19	1/2		1/2		1/2		1/2	
3/4	1,513.49	3/4	1,250.19	3/4	987.08	3/4	727.87	3/4	466.05	3/4	202.70	3/4		3/4		3/4		3/4	
8	1,508.01	8	1,244.70	8	981.67	8	722.48	8	460.56	8	197.22	8		8		8		8	
1/4	1,502.52	1/4	1,239.22	1/4	976.27	1/4	717.08	1/4	455.08	1/4	191.73	1/4		1/4		1/4		1/4	
1/2	1,497.04	1/2	1,233.73	1/2	970.87	1/2	711.68	1/2	449.59	1/2	186.24	1/2		1/2		1/2		1/2	
3/4	1,491.56	3/4	1,228.24	3/4	965.47	3/4	706.29	3/4	444.11	3/4	180.76	3/4		3/4		3/4		3/4	
9	1,486.07	9	1,222.75	9	960.07	9	700.89	9	438.62	9	175.27	9		9		9		9	
1/4	1,480.59	1/4	1,217.27	1/4	954.66	1/4	695.49	1/4	433.13	1/4	169.79	1/4		1/4		1/4		1/4	
1/2	1,475.11	1/2	1,211.78	1/2	949.26	1/2	690.10	1/2	427.65	1/2	164.30	1/2		1/2		1/2		1/2	
3/4	1,469.62	3/4	1,206.29	3/4	943.86	3/4	684.70	3/4	422.16	3/4	158.81	3/4		3/4		3/4		3/4	
10	1,464.14	10	1,200.81	10	938.46	10	679.30	10	416.67	10	153.33	10		10		10		10	
1/4	1,458.66	1/4	1,195.32	1/4	933.06	1/4	673.91	1/4	411.19	1/4	147.84	1/4		1/4		1/4		1/4	
1/2	1,453.17	1/2	1,189.83	1/2	927.65	1/2	668.51	1/2	405.70	1/2	142.36	1/2		1/2		1/2		1/2	
3/4	1,447.69	3/4	1,184.35	3/4	922.25	3/4	663.11	3/4	400.21	3/4	136.88	3/4		3/4		3/4		3/4	
11	1,442.21	11	1,178.86	11	916.85	11	657.72	11	394.73	11	131.39	11		11		11		11	
1/4	1,436.72	1/4	1,173.37	1/4	911.45	1/4	652.32	1/4	389.24	1/4	125.91	1/4		1/4		1/4		1/4	
1/2	1,431.24	1/2	1,167.89	1/2	906.05	1/2	646.93	1/2	383.76	1/2	120.43	1/2		1/2		1/2		1/2	
3/4	1,425.76	3/4	1,162.40	3/4	900.65	3/4	641.48	3/4	378.27	3/4	114.96	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/27/2015 CL
CALCULATED: 01/28/2015 CL
PRINTED: 01/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "KIRBY 10123"

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	0	0	0	0	3,234.41	0	2,974.93	0	2,715.45	0	2,455.56	0	2,194.68	0	1,933.80
1/4		1/4		1/4		1/4		1/4	3,229.01	1/4	2,969.52	1/4	2,710.04	1/4	2,450.12	1/4	2,189.24	1/4	1,928.36
1/2		1/2		1/2		1/2	3,448.18	1/2	3,223.60	1/2	2,964.12	1/2	2,704.64	1/2	2,444.69	1/2	2,183.81	1/2	1,922.93
3/4		3/4		3/4		3/4	3,447.27	3/4	3,218.20	3/4	2,958.71	3/4	2,699.23	3/4	2,439.25	3/4	2,178.37	3/4	1,917.49
1	1	1	1	1	1	1	3,446.37	1	3,212.79	1	2,953.31	1	2,693.82	1	2,433.82	1	2,172.94	1	1,912.06
1/4		1/4		1/4		1/4	3,445.46	1/4	3,207.38	1/4	2,947.90	1/4	2,688.42	1/4	2,428.38	1/4	2,167.50	1/4	1,906.62
1/2		1/2		1/2		1/2	3,444.55	1/2	3,201.98	1/2	2,942.50	1/2	2,683.01	1/2	2,422.95	1/2	2,162.07	1/2	1,901.19
3/4		3/4		3/4		3/4	3,441.83	3/4	3,196.57	3/4	2,937.09	3/4	2,677.61	3/4	2,417.51	3/4	2,156.63	3/4	1,895.75
2	2	2	2	2	2	2	3,439.11	2	3,191.17	2	2,931.68	2	2,672.20	2	2,412.08	2	2,151.20	2	1,890.32
1/4		1/4		1/4		1/4	3,436.40	1/4	3,185.76	1/4	2,926.28	1/4	2,666.79	1/4	2,406.64	1/4	2,145.76	1/4	1,884.88
1/2		1/2		1/2		1/2	3,433.68	1/2	3,180.35	1/2	2,920.87	1/2	2,661.39	1/2	2,401.21	1/2	2,140.33	1/2	1,879.45
3/4		3/4		3/4		3/4	3,429.27	3/4	3,174.95	3/4	2,915.47	3/4	2,655.98	3/4	2,395.77	3/4	2,134.89	3/4	1,874.01
3	3	3	3	3	3	3	3,424.87	3	3,169.54	3	2,910.06	3	2,650.58	3	2,390.34	3	2,129.46	3	1,868.58
1/4		1/4		1/4		1/4	3,420.47	1/4	3,164.14	1/4	2,904.65	1/4	2,645.17	1/4	2,384.90	1/4	2,124.02	1/4	1,863.14
1/2		1/2		1/2		1/2	3,416.07	1/2	3,158.73	1/2	2,899.25	1/2	2,639.76	1/2	2,379.47	1/2	2,118.59	1/2	1,857.71
3/4		3/4		3/4		3/4	3,410.80	3/4	3,153.33	3/4	2,893.84	3/4	2,634.36	3/4	2,374.03	3/4	2,113.15	3/4	1,852.27
4	4	4	4	4	4	4	3,405.53	4	3,147.92	4	2,888.44	4	2,628.95	4	2,368.60	4	2,107.72	4	1,846.84
1/4		1/4		1/4		1/4	3,400.26	1/4	3,142.51	1/4	2,883.03	1/4	2,623.55	1/4	2,363.16	1/4	2,102.28	1/4	1,841.40
1/2		1/2		1/2		1/2	3,395.00	1/2	3,137.11	1/2	2,877.62	1/2	2,618.14	1/2	2,357.73	1/2	2,096.85	1/2	1,835.97
3/4		3/4		3/4		3/4	3,389.70	3/4	3,131.70	3/4	2,872.22	3/4	2,612.74	3/4	2,352.29	3/4	2,091.41	3/4	1,830.53
5	5	5	5	5	5	5	3,384.40	5	3,126.30	5	2,866.81	5	2,607.33	5	2,346.86	5	2,085.98	5	1,825.10
1/4		1/4		1/4		1/4	3,379.10	1/4	3,120.89	1/4	2,861.41	1/4	2,601.92	1/4	2,341.42	1/4	2,080.54	1/4	1,819.66
1/2		1/2		1/2		1/2	3,373.80	1/2	3,115.48	1/2	2,856.00	1/2	2,596.52	1/2	2,335.99	1/2	2,075.11	1/2	1,814.23
3/4		3/4		3/4		3/4	3,368.49	3/4	3,110.08	3/4	2,850.59	3/4	2,591.11	3/4	2,330.55	3/4	2,069.67	3/4	1,808.79
6	6	6	6	6	6	6	3,363.18	6	3,104.67	6	2,845.19	6	2,585.71	6	2,325.12	6	2,064.24	6	1,803.36
1/4		1/4		1/4		1/4	3,357.87	1/4	3,099.27	1/4	2,839.78	1/4	2,580.30	1/4	2,319.68	1/4	2,058.80	1/4	1,797.92
1/2		1/2		1/2		1/2	3,352.55	1/2	3,093.86	1/2	2,834.38	1/2	2,574.89	1/2	2,314.25	1/2	2,053.37	1/2	1,792.49
3/4		3/4		3/4		3/4	3,347.25	3/4	3,088.45	3/4	2,828.97	3/4	2,569.49	3/4	2,308.81	3/4	2,047.93	3/4	1,787.05
7	7	7	7	7	7	7	3,341.94	7	3,083.05	7	2,823.57	7	2,564.08	7	2,303.38	7	2,042.50	7	1,781.62
1/4		1/4		1/4		1/4	3,336.63	1/4	3,077.64	1/4	2,818.16	1/4	2,558.68	1/4	2,297.94	1/4	2,037.06	1/4	1,776.18
1/2		1/2		1/2		1/2	3,331.32	1/2	3,072.24	1/2	2,812.75	1/2	2,553.27	1/2	2,292.51	1/2	2,031.63	1/2	1,770.75
3/4		3/4		3/4		3/4	3,326.02	3/4	3,066.83	3/4	2,807.35	3/4	2,547.86	3/4	2,287.07	3/4	2,026.19	3/4	1,765.31
8	8	8	8	8	8	8	3,320.71	8	3,061.42	8	2,801.94	8	2,542.46	8	2,281.64	8	2,020.76	8	1,759.88
1/4		1/4		1/4		1/4	3,315.40	1/4	3,056.02	1/4	2,796.54	1/4	2,537.05	1/4	2,276.20	1/4	2,015.32	1/4	1,754.44
1/2		1/2		1/2		1/2	3,310.10	1/2	3,050.61	1/2	2,791.13	1/2	2,531.65	1/2	2,270.77	1/2	2,009.89	1/2	1,749.01
3/4		3/4		3/4		3/4	3,304.69	3/4	3,045.21	3/4	2,785.72	3/4	2,526.21	3/4	2,265.33	3/4	2,004.45	3/4	1,743.57
9	9	9	9	9	9	9	3,299.28	9	3,039.80	9	2,780.32	9	2,520.78	9	2,259.90	9	1,999.02	9	1,738.14
1/4		1/4		1/4		1/4	3,293.88	1/4	3,034.40	1/4	2,774.91	1/4	2,515.34	1/4	2,254.46	1/4	1,993.58	1/4	1,732.70
1/2		1/2		1/2		1/2	3,288.47	1/2	3,028.99	1/2	2,769.51	1/2	2,509.91	1/2	2,249.03	1/2	1,988.15	1/2	1,727.27
3/4		3/4		3/4		3/4	3,283.07	3/4	3,023.58	3/4	2,764.10	3/4	2,504.47	3/4	2,243.59	3/4	1,982.71	3/4	1,721.83
10	10	10	10	10	10	10	3,277.66	10	3,018.18	10	2,758.69	10	2,499.04	10	2,238.16	10	1,977.28	10	1,716.40
1/4		1/4		1/4		1/4	3,272.26	1/4	3,012.77	1/4	2,753.29	1/4	2,493.60	1/4	2,232.72	1/4	1,971.84	1/4	1,710.96
1/2		1/2		1/2		1/2	3,266.85	1/2	3,007.37	1/2	2,747.88	1/2	2,488.17	1/2	2,227.29	1/2	1,966.41	1/2	1,705.53
3/4		3/4		3/4		3/4	3,261.44	3/4	3,001.96	3/4	2,742.48	3/4	2,482.73	3/4	2,221.85	3/4	1,960.97	3/4	1,700.09
11	11	11	11	11	11	11	3,256.04	11	2,996.55	11	2,737.07	11	2,477.30	11	2,216.42	11	1,955.54	11	1,694.66
1/4		1/4		1/4		1/4	3,250.63	1/4	2,991.15	1/4	2,731.66	1/4	2,471.86	1/4	2,210.98	1/4	1,950.10	1/4	1,689.22
1/2		1/2		1/2		1/2	3,245.23	1/2	2,985.74	1/2	2,726.26	1/2	2,466.43	1/2	2,205.55	1/2	1,944.67	1/2	1,683.79
3/4		3/4		3/4		3/4	3,239.82	3/4	2,980.34	3/4	2,720.85	3/4	2,460.99	3/4	2,200.11	3/4	1,939.23	3/4	1,678.35

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
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BARGE "KIRBY 10123"

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	1,672.92	0	1,412.04	0	1,151.00	0	890.75	0	630.53	0	369.51	0	108.53	0		0		0	
1/4	1,667.48	1/4	1,406.60	1/4	1,145.56	1/4	885.34	1/4	625.09	1/4	364.07	1/4	103.11	1/4		1/4		1/4	
1/2	1,662.05	1/2	1,401.17	1/2	1,140.12	1/2	879.94	1/2	619.66	1/2	358.63	1/2	97.69	1/2		1/2		1/2	
3/4	1,656.61	3/4	1,395.73	3/4	1,134.68	3/4	874.54	3/4	614.22	3/4	353.19	3/4	92.29	3/4		3/4		3/4	
1	1,651.18	1	1,390.29	1	1,129.24	1	869.14	1	608.78	1	347.75	1	86.88	1		1		1	
1/4	1,645.74	1/4	1,384.85	1/4	1,123.80	1/4	863.74	1/4	603.34	1/4	342.32	1/4	81.48	1/4		1/4		1/4	
1/2	1,640.31	1/2	1,379.41	1/2	1,118.36	1/2	858.33	1/2	597.91	1/2	336.88	1/2	76.08	1/2		1/2		1/2	
3/4	1,634.87	3/4	1,373.97	3/4	1,112.93	3/4	852.93	3/4	592.47	3/4	331.44	3/4	70.70	3/4		3/4		3/4	
2	1,629.44	2	1,368.54	2	1,107.49	2	847.53	2	587.03	2	326.00	2	65.33	2		2		2	
1/4	1,624.00	1/4	1,363.10	1/4	1,102.05	1/4	842.13	1/4	581.59	1/4	320.56	1/4	59.95	1/4		1/4		1/4	
1/2	1,618.57	1/2	1,357.66	1/2	1,096.61	1/2	836.72	1/2	576.15	1/2	315.13	1/2	54.58	1/2		1/2		1/2	
3/4	1,613.13	3/4	1,352.22	3/4	1,091.17	3/4	831.32	3/4	570.72	3/4	309.69	3/4	49.25	3/4		3/4		3/4	
3	1,607.70	3	1,346.78	3	1,085.73	3	825.92	3	565.28	3	304.25	3	43.92	3		3		3	
1/4	1,602.26	1/4	1,341.34	1/4	1,080.30	1/4	820.52	1/4	559.84	1/4	298.81	1/4	38.60	1/4		1/4		1/4	
1/2	1,596.83	1/2	1,335.90	1/2	1,074.86	1/2	815.12	1/2	554.40	1/2	293.37	1/2	33.27	1/2		1/2		1/2	
3/4	1,591.39	3/4	1,330.47	3/4	1,069.42	3/4	809.72	3/4	548.96	3/4	287.93	3/4	28.75	3/4		3/4		3/4	
4	1,585.96	4	1,325.03	4	1,063.98	4	804.32	4	543.53	4	282.50	4	24.22	4		4		4	
1/4	1,580.52	1/4	1,319.59	1/4	1,058.54	1/4	798.92	1/4	538.09	1/4	277.06	1/4	19.70	1/4		1/4		1/4	
1/2	1,575.09	1/2	1,314.15	1/2	1,053.10	1/2	793.53	1/2	532.65	1/2	271.62	1/2	15.18	1/2		1/2		1/2	
3/4	1,569.65	3/4	1,308.71	3/4	1,047.66	3/4	788.09	3/4	527.21	3/4	266.18	3/4	12.46	3/4		3/4		3/4	
5	1,564.22	5	1,303.27	5	1,042.23	5	782.66	5	521.77	5	260.74	5	9.74	5		5		5	
1/4	1,558.78	1/4	1,297.84	1/4	1,036.79	1/4	777.23	1/4	516.33	1/4	255.31	1/4	7.02	1/4		1/4		1/4	
1/2	1,553.35	1/2	1,292.40	1/2	1,031.35	1/2	771.79	1/2	510.90	1/2	249.87	1/2	4.30	1/2		1/2		1/2	
3/4	1,547.91	3/4	1,286.96	3/4	1,025.91	3/4	766.36	3/4	505.46	3/4	244.43	3/4	3.40	3/4		3/4		3/4	
6	1,542.48	6	1,281.52	6	1,020.47	6	760.93	6	500.02	6	238.99	6	2.49	6		6		6	
1/4	1,537.04	1/4	1,276.08	1/4	1,015.03	1/4	755.50	1/4	494.58	1/4	233.55	1/4	1.58	1/4		1/4		1/4	
1/2	1,531.61	1/2	1,270.64	1/2	1,009.59	1/2	750.06	1/2	489.14	1/2	228.12	1/2	0.68	1/2		1/2		1/2	
3/4	1,526.17	3/4	1,265.20	3/4	1,004.19	3/4	744.63	3/4	483.71	3/4	222.68	3/4		3/4		3/4		3/4	
7	1,520.74	7	1,259.77	7	998.79	7	739.20	7	478.27	7	217.24	7		7		7		7	
1/4	1,515.30	1/4	1,254.33	1/4	993.39	1/4	733.76	1/4	472.83	1/4	211.80	1/4		1/4		1/4		1/4	
1/2	1,509.87	1/2	1,248.89	1/2	987.99	1/2	728.33	1/2	467.39	1/2	206.36	1/2		1/2		1/2		1/2	
3/4	1,504.43	3/4	1,243.45	3/4	982.58	3/4	722.90	3/4	461.95	3/4	200.92	3/4		3/4		3/4		3/4	
8	1,499.00	8	1,238.01	8	977.18	8	717.46	8	456.52	8	195.49	8		8		8		8	
1/4	1,493.56	1/4	1,232.57	1/4	971.78	1/4	712.03	1/4	451.08	1/4	190.05	1/4		1/4		1/4		1/4	
1/2	1,488.13	1/2	1,227.13	1/2	966.38	1/2	706.60	1/2	445.64	1/2	184.61	1/2		1/2		1/2		1/2	
3/4	1,482.69	3/4	1,221.70	3/4	960.97	3/4	701.16	3/4	440.20	3/4	179.17	3/4		3/4		3/4		3/4	
9	1,477.26	9	1,216.26	9	955.57	9	695.73	9	434.76	9	173.73	9		9		9		9	
1/4	1,471.82	1/4	1,210.82	1/4	950.17	1/4	690.30	1/4	429.33	1/4	168.30	1/4		1/4		1/4		1/4	
1/2	1,466.39	1/2	1,205.38	1/2	944.77	1/2	684.87	1/2	423.89	1/2	162.86	1/2		1/2		1/2		1/2	
3/4	1,460.95	3/4	1,199.94	3/4	939.37	3/4	679.43	3/4	418.45	3/4	157.42	3/4		3/4		3/4		3/4	
10	1,455.52	10	1,194.50	10	933.96	10	674.00	10	413.01	10	151.98	10		10		10		10	
1/4	1,450.08	1/4	1,189.07	1/4	928.56	1/4	668.57	1/4	407.57	1/4	146.55	1/4		1/4		1/4		1/4	
1/2	1,444.65	1/2	1,183.63	1/2	923.16	1/2	663.13	1/2	402.13	1/2	141.11	1/2		1/2		1/2		1/2	
3/4	1,439.21	3/4	1,178.19	3/4	917.76	3/4	657.70	3/4	396.70	3/4	135.68	3/4		3/4		3/4		3/4	
11	1,433.78	11	1,172.75	11	912.36	11	652.27	11	391.26	11	130.24	11		11		11		11	
1/4	1,428.34	1/4	1,167.31	1/4	906.95	1/4	646.84	1/4	385.82	1/4	124.81	1/4		1/4		1/4		1/4	
1/2	1,422.91	1/2	1,161.87	1/2	901.55	1/2	641.40	1/2	380.38	1/2	119.38	1/2		1/2		1/2		1/2	
3/4	1,417.47	3/4	1,156.43	3/4	896.15	3/4	635.97	3/4	374.94	3/4	113.96	3/4		3/4		3/4		3/4	

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