



BARGE "KIRBY 10515"

ULLAGE TRIM TABLE

FORMERLY "DC 739"

	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	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-1/8	- 02-1/8	02-5/8	- 02-5/8	03-1/8	- 03-1/8
2 CENTER	00-3/8	00-3/8	00-7/8	00-7/8	01-1/4	01-1/4	01-5/8	01-5/8	02-1/8	02-1/8	02-1/2	02-1/2
3 CENTER	00-1/8	00-1/8	00-1/4	00-1/4	00-3/8	00-3/8	00-1/2	00-1/2	00-5/8	00-5/8	00-3/4	00-3/4

(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 - 01-0/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 0/8"

LENGTH BETWEEN DRAFT MARKS: 152'-00"

May 8, 2002

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

<http://www.pmacorp.net>



BARGE "KIRBY 10515"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 739"

GAUGE HEIGHT 17'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
0	0	0	0	0	0	3,415.73	0	3,219.33	0	2,997.73	0	2,776.12	0	2,554.52	0	2,317.64	0	2,064.11		
1/4	1/4	1/4	1/4	1/4	1/4	3,414.38	1/4	3,214.71	1/4	2,993.12	1/4	2,771.50	1/4	2,549.90	1/4	2,312.36	1/4	2,058.83		
1/2	1/2	1/2	1/2	1/2	1/2	3,412.26	1/2	3,210.10	1/2	2,988.50	1/2	2,766.89	1/2	2,545.29	1/2	2,307.08	1/2	2,053.55		
3/4	3/4	3/4	3/4	3/4	3/4	3,410.14	3/4	3,205.48	3/4	2,983.88	3/4	2,762.27	3/4	2,540.68	3/4	2,301.80	3/4	2,048.27		
1	1	1	1	1	1	3,408.02	1	3,200.86	1	2,979.26	1	2,757.66	1	2,536.07	1	2,296.52	1	2,042.99		
1/4	1/4	1/4	1/4	1/4	1/4	3,405.90	1/4	3,196.24	1/4	2,974.64	1/4	2,753.05	1/4	2,531.45	1/4	2,291.24	1/4	2,037.71		
1/2	1/2	1/2	1/2	1/2	1/2	3,403.02	1/2	3,191.63	1/2	2,970.02	1/2	2,748.43	1/2	2,526.83	1/2	2,285.95	1/2	2,032.43		
3/4	3/4	3/4	3/4	3/4	3/4	3,400.14	3/4	3,187.01	3/4	2,965.40	3/4	2,743.81	3/4	2,522.21	3/4	2,280.67	3/4	2,027.14		
2	2	2	2	2	2	3,397.26	2	3,182.40	2	2,960.79	2	2,739.19	2	2,517.60	2	2,275.38	2	2,021.86		
1/4	1/4	1/4	1/4	1/4	1/4	3,394.38	1/4	3,177.79	1/4	2,956.17	1/4	2,734.57	1/4	2,512.98	1/4	2,270.10	1/4	2,016.57		
1/2	1/2	1/2	1/2	1/2	1/2	3,390.73	1/2	3,173.17	1/2	2,951.55	1/2	2,729.96	1/2	2,508.36	1/2	2,264.82	1/2	2,011.29		
3/4	3/4	3/4	3/4	3/4	3/4	3,387.07	3/4	3,168.55	3/4	2,946.94	3/4	2,725.35	3/4	2,503.75	3/4	2,259.54	3/4	2,006.01		
3	3	3	3	3	3	3,383.42	3	3,163.93	3	2,942.33	3	2,720.73	3	2,499.14	3	2,254.26	3	2,000.73		
1/4	1/4	1/4	1/4	1/4	1/4	3,379.76	1/4	3,159.31	1/4	2,937.71	1/4	2,716.12	1/4	2,494.52	1/4	2,248.98	1/4	1,995.45		
1/2	1/2	1/2	1/2	1/2	1/2	3,375.43	1/2	3,154.69	1/2	2,933.10	1/2	2,711.50	1/2	2,489.90	1/2	2,243.70	1/2	1,990.17		
3/4	3/4	3/4	3/4	3/4	3/4	3,371.10	3/4	3,150.07	3/4	2,928.48	3/4	2,706.88	3/4	2,485.29	3/4	2,238.42	3/4	1,984.89		
4	4	4	4	4	4	3,366.76	4	3,145.45	4	2,923.86	4	2,702.26	4	2,480.67	4	2,233.14	4	1,979.61		
1/4	1/4	1/4	1/4	1/4	1/4	3,362.43	1/4	3,140.83	1/4	2,919.24	1/4	2,697.64	1/4	2,476.05	1/4	2,227.86	1/4	1,974.33		
1/2	1/2	1/2	1/2	1/2	1/2	3,357.82	1/2	3,136.22	1/2	2,914.63	1/2	2,693.02	1/2	2,471.43	1/2	2,222.57	1/2	1,969.05		
3/4	3/4	3/4	3/4	3/4	3/4	3,353.20	3/4	3,131.61	3/4	2,910.01	3/4	2,688.40	3/4	2,466.81	3/4	2,217.29	3/4	1,963.76		
5	5	5	5	5	5	3,348.59	5	3,126.99	5	2,905.40	5	2,683.79	5	2,462.19	5	2,212.00	5	1,958.48		
1/4	1/4	1/4	1/4	1/4	1/4	3,343.98	1/4	3,122.38	1/4	2,900.79	1/4	2,679.17	1/4	2,457.57	1/4	2,206.71	1/4	1,953.19		
1/2	1/2	1/2	1/2	1/2	1/2	3,339.36	1/2	3,117.76	1/2	2,896.17	1/2	2,674.55	1/2	2,452.96	1/2	2,201.43	1/2	1,947.91		
3/4	3/4	3/4	3/4	3/4	3/4	3,334.74	3/4	3,113.14	3/4	2,891.55	3/4	2,669.94	3/4	2,448.35	3/4	2,196.15	3/4	1,942.63		
6	6	6	6	6	6	3,330.12	6	3,108.52	6	2,886.93	6	2,665.33	6	2,443.73	6	2,190.87	6	1,937.35		
1/4	1/4	1/4	1/4	1/4	1/4	3,325.50	1/4	3,103.90	1/4	2,882.31	1/4	2,660.71	1/4	2,439.12	1/4	2,185.60	1/4	1,932.07		
1/2	1/2	1/2	1/2	1/2	1/2	3,320.89	1/2	3,099.29	1/2	2,877.69	1/2	2,656.10	1/2	2,433.83	1/2	2,180.32	1/2	1,926.79		
3/4	3/4	3/4	3/4	3/4	3/4	3,316.27	3/4	3,094.68	3/4	2,873.07	3/4	2,651.48	3/4	2,428.55	3/4	2,175.04	3/4	1,921.51		
7	7	7	7	7	7	3,311.66	7	3,090.07	7	2,868.45	7	2,646.86	7	2,423.26	7	2,169.76	7	1,916.23		
1/4	1/4	1/4	1/4	1/4	1/4	3,307.05	1/4	3,085.45	1/4	2,863.83	1/4	2,642.24	1/4	2,417.98	1/4	2,164.48	1/4	1,910.95		
1/2	1/2	1/2	1/2	1/2	1/2	3,302.43	1/2	3,080.83	1/2	2,859.22	1/2	2,637.63	1/2	2,412.70	1/2	2,159.19	1/2	1,905.67		
3/4	3/4	3/4	3/4	3/4	3/4	3,297.81	3/4	3,076.21	3/4	2,854.61	3/4	2,633.01	3/4	2,407.42	3/4	2,153.91	3/4	1,900.38		
8	8	8	8	8	8	3,293.19	8	3,071.60	8	2,849.99	8	2,628.40	8	2,402.14	8	2,148.62	8	1,895.10		
1/4	1/4	1/4	1/4	1/4	1/4	3,288.57	1/4	3,066.98	1/4	2,845.38	1/4	2,623.79	1/4	2,396.86	1/4	2,143.33	1/4	1,889.81		
1/2	1/2	1/2	1/2	1/2	1/2	3,283.96	1/2	3,062.36	1/2	2,840.76	1/2	2,619.17	1/2	2,391.58	1/2	2,138.05	1/2	1,884.53		
3/4	3/4	3/4	3/4	3/4	3/4	3,279.35	3/4	3,057.74	3/4	2,836.14	3/4	2,614.55	3/4	2,386.30	3/4	2,132.77	3/4	1,879.25		
9	9	9	9	9	9	3,274.73	9	3,053.12	9	2,831.52	9	2,609.93	9	2,381.02	9	2,127.49	9	1,873.97		
1/4	1/4	1/4	1/4	1/4	1/4	3,270.12	1/4	3,048.50	1/4	2,826.90	1/4	2,605.31	1/4	2,375.74	1/4	2,122.21	1/4	1,868.69		
1/2	1/2	1/2	1/2	1/2	1/2	3,265.50	1/2	3,043.89	1/2	2,822.29	1/2	2,600.69	1/2	2,370.45	1/2	2,116.93	1/2	1,863.41		
3/4	3/4	3/4	3/4	3/4	3/4	3,260.88	3/4	3,039.27	3/4	2,817.68	3/4	2,596.07	3/4	2,365.17	3/4	2,111.65	3/4	1,858.13		
10	10	10	10	10	10	3,422.45	10	3,256.26	10	3,034.66	10	2,813.07	10	2,591.45	10	2,359.88	10	2,106.38	10	1,852.85
1/4	1/4	1/4	1/4	1/4	1/4	3,422.07	1/4	3,251.64	1/4	3,030.05	1/4	2,808.45	1/4	2,586.83	1/4	2,354.60	1/4	2,101.10	1/4	1,847.57
1/2	1/2	1/2	1/2	1/2	1/2	3,421.49	1/2	3,247.02	1/2	3,025.43	1/2	2,803.83	1/2	2,582.22	1/2	2,349.32	1/2	2,095.81	1/2	1,842.29
3/4	3/4	3/4	3/4	3/4	3/4	3,420.92	3/4	3,242.40	3/4	3,020.81	3/4	2,799.21	3/4	2,577.61	3/4	2,344.04	3/4	2,090.52	3/4	1,837.01
11	11	11	11	11	11	3,420.34	11	3,237.79	11	3,016.19	11	2,794.60	11	2,572.99	11	2,338.76	11	2,085.24	11	1,831.73
1/4	1/4	1/4	1/4	1/4	1/4	3,419.76	1/4	3,233.17	1/4	3,011.57	1/4	2,789.98	1/4	2,568.38	1/4	2,333.48	1/4	2,079.95	1/4	1,826.45
1/2	1/2	1/2	1/2	1/2	1/2	3,418.42	1/2	3,228.55	1/2	3,006.96	1/2	2,785.36	1/2	2,563.76	1/2	2,328.20	1/2	2,074.67	1/2	1,821.17
3/4	3/4	3/4	3/4	3/4	3/4	3,417.07	3/4	3,223.94	3/4	3,002.35	3/4	2,780.74	3/4	2,559.14	3/4	2,322.92	3/4	2,069.39	3/4	1,815.88

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 OR AT MANUAL STANDPIPE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.
 GAUGE POINT: (MANUAL) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 10515"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 739"

GAUGE HEIGHT 17'-03 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	1,810.60	0	1,557.07	0	1,303.57	0	1,050.04	0	796.52	0	543.00	0	289.48	0	36.93	0		0	
1/4	1,805.31	1/4	1,551.79	1/4	1,298.29	1/4	1,044.76	1/4	791.24	1/4	537.71	1/4	284.19	1/4	31.69	1/4		1/4	
1/2	1,800.03	1/2	1,546.51	1/2	1,293.00	1/2	1,039.48	1/2	785.96	1/2	532.43	1/2	278.91	1/2	27.29	1/2		1/2	
3/4	1,794.75	3/4	1,541.23	3/4	1,287.71	3/4	1,034.19	3/4	780.68	3/4	527.15	3/4	273.63	3/4	22.89	3/4		3/4	
1	1,789.47	1	1,535.95	1	1,282.43	1	1,028.91	1	775.40	1	521.88	1	268.35	1	18.49	1		1	
1/4	1,784.19	1/4	1,530.67	1/4	1,277.14	1/4	1,023.62	1/4	770.12	1/4	516.60	1/4	263.07	1/4	14.10	1/4		1/4	
1/2	1,778.91	1/2	1,525.39	1/2	1,271.86	1/2	1,018.34	1/2	764.83	1/2	511.32	1/2	257.79	1/2	11.45	1/2		1/2	
3/4	1,773.63	3/4	1,520.11	3/4	1,266.58	3/4	1,013.06	3/4	759.55	3/4	506.04	3/4	252.51	3/4	8.81	3/4		3/4	
2	1,768.35	2	1,514.83	2	1,261.30	2	1,007.78	2	754.26	2	500.76	2	247.23	2	6.17	2		2	
1/4	1,763.07	1/4	1,509.55	1/4	1,256.02	1/4	1,002.50	1/4	748.98	1/4	495.48	1/4	241.95	1/4	3.52	1/4		1/4	
1/2	1,757.79	1/2	1,504.26	1/2	1,250.74	1/2	997.22	1/2	743.70	1/2	490.19	1/2	236.67	1/2	2.64	1/2		1/2	
3/4	1,752.50	3/4	1,498.98	3/4	1,245.46	3/4	991.94	3/4	738.42	3/4	484.90	3/4	231.38	3/4	1.76	3/4		3/4	
3	1,747.21	3	1,493.69	3	1,240.18	3	986.66	3	733.14	3	479.62	3	226.10	3	0.88	3		3	
1/4	1,741.93	1/4	1,488.41	1/4	1,234.90	1/4	981.38	1/4	727.86	1/4	474.33	1/4	220.81	1/4	0.00	1/4		1/4	
1/2	1,736.65	1/2	1,483.13	1/2	1,229.62	1/2	976.10	1/2	722.58	1/2	469.05	1/2	215.53	1/2		1/2		1/2	
3/4	1,731.37	3/4	1,477.85	3/4	1,224.33	3/4	970.82	3/4	717.30	3/4	463.77	3/4	210.25	3/4		3/4		3/4	
4	1,726.09	4	1,472.57	4	1,219.05	4	965.54	4	712.02	4	458.49	4	204.97	4		4		4	
1/4	1,720.81	1/4	1,467.29	1/4	1,213.76	1/4	960.26	1/4	706.74	1/4	453.21	1/4	199.69	1/4		1/4		1/4	
1/2	1,715.53	1/2	1,462.01	1/2	1,208.48	1/2	954.98	1/2	701.45	1/2	447.93	1/2	194.41	1/2		1/2		1/2	
3/4	1,710.25	3/4	1,456.73	3/4	1,203.20	3/4	949.69	3/4	696.17	3/4	442.65	3/4	189.13	3/4		3/4		3/4	
5	1,704.97	5	1,451.45	5	1,197.92	5	944.40	5	690.88	5	437.38	5	183.85	5		5		5	
1/4	1,699.69	1/4	1,446.17	1/4	1,192.64	1/4	939.12	1/4	685.60	1/4	432.10	1/4	178.57	1/4		1/4		1/4	
1/2	1,694.40	1/2	1,440.89	1/2	1,187.36	1/2	933.84	1/2	680.32	1/2	426.81	1/2	173.29	1/2		1/2		1/2	
3/4	1,689.12	3/4	1,435.61	3/4	1,182.08	3/4	928.56	3/4	675.04	3/4	421.52	3/4	168.00	3/4		3/4		3/4	
6	1,683.83	6	1,430.33	6	1,176.80	6	923.28	6	669.76	6	416.24	6	162.71	6		6		6	
1/4	1,678.55	1/4	1,425.05	1/4	1,171.52	1/4	918.00	1/4	664.48	1/4	410.95	1/4	157.43	1/4		1/4		1/4	
1/2	1,673.27	1/2	1,419.76	1/2	1,166.24	1/2	912.72	1/2	659.20	1/2	405.67	1/2	152.19	1/2		1/2		1/2	
3/4	1,667.99	3/4	1,414.48	3/4	1,160.95	3/4	907.44	3/4	653.92	3/4	400.39	3/4	146.95	3/4		3/4		3/4	
7	1,662.71	7	1,409.19	7	1,155.67	7	902.16	7	648.64	7	395.11	7	141.71	7		7		7	
1/4	1,657.43	1/4	1,403.90	1/4	1,150.38	1/4	896.88	1/4	643.36	1/4	389.83	1/4	136.48	1/4		1/4		1/4	
1/2	1,652.15	1/2	1,398.62	1/2	1,145.10	1/2	891.60	1/2	638.07	1/2	384.55	1/2	131.24	1/2		1/2		1/2	
3/4	1,646.87	3/4	1,393.35	3/4	1,139.82	3/4	886.31	3/4	632.79	3/4	379.27	3/4	126.00	3/4		3/4		3/4	
8	1,641.59	8	1,388.07	8	1,134.54	8	881.02	8	627.50	8	373.99	8	120.76	8		8		8	
1/4	1,636.31	1/4	1,382.79	1/4	1,129.26	1/4	875.74	1/4	622.21	1/4	368.71	1/4	115.52	1/4		1/4		1/4	
1/2	1,631.02	1/2	1,377.51	1/2	1,123.98	1/2	870.46	1/2	616.94	1/2	363.43	1/2	110.29	1/2		1/2		1/2	
3/4	1,625.74	3/4	1,372.23	3/4	1,118.70	3/4	865.18	3/4	611.66	3/4	358.14	3/4	105.05	3/4		3/4		3/4	
9	1,620.45	9	1,366.95	9	1,113.42	9	859.90	9	606.38	9	352.86	9	99.81	9		9		9	
1/4	1,615.17	1/4	1,361.67	1/4	1,108.14	1/4	854.62	1/4	601.10	1/4	347.57	1/4	94.57	1/4		1/4		1/4	
1/2	1,609.89	1/2	1,356.38	1/2	1,102.86	1/2	849.34	1/2	595.82	1/2	342.29	1/2	89.33	1/2		1/2		1/2	
3/4	1,604.61	3/4	1,351.10	3/4	1,097.57	3/4	844.06	3/4	590.54	3/4	337.01	3/4	84.08	3/4		3/4		3/4	
10	1,599.33	10	1,345.81	10	1,092.29	10	838.78	10	585.26	10	331.73	10	78.84	10		10		10	
1/4	1,594.05	1/4	1,340.52	1/4	1,087.00	1/4	833.50	1/4	579.98	1/4	326.45	1/4	73.60	1/4		1/4		1/4	
1/2	1,588.77	1/2	1,335.24	1/2	1,081.72	1/2	828.21	1/2	574.70	1/2	321.17	1/2	68.36	1/2		1/2		1/2	
3/4	1,583.49	3/4	1,329.96	3/4	1,076.44	3/4	822.93	3/4	569.42	3/4	315.89	3/4	63.12	3/4		3/4		3/4	
11	1,578.21	11	1,324.68	11	1,071.16	11	817.64	11	564.14	11	310.61	11	57.88	11		11		11	
1/4	1,572.93	1/4	1,319.40	1/4	1,065.88	1/4	812.36	1/4	558.86	1/4	305.33	1/4	52.64	1/4		1/4		1/4	
1/2	1,567.64	1/2	1,314.13	1/2	1,060.60	1/2	807.08	1/2	553.57	1/2	300.05	1/2	47.40	1/2		1/2		1/2	
3/4	1,562.36	3/4	1,308.85	3/4	1,055.32	3/4	801.80	3/4	548.29	3/4	294.76	3/4	42.17	3/4		3/4		3/4	

STRAPPED: 09/08/1992 SI
REPRINTED: 05/08/2002 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2002

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 10515"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 739"

GAUGE HEIGHT 17'-04 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	3,606.04	0	3,385.45	0	3,129.47	0	2,873.48	0	2,617.50	0	2,361.52	0	2,105.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,605.07	1/4	3,380.12	1/4	3,124.14	1/4	2,868.14	1/4	2,612.17	1/4	2,356.19	1/4	2,100.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,603.14	1/2	3,374.78	1/2	3,118.81	1/2	2,862.81	1/2	2,606.83	1/2	2,350.85	1/2	2,094.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,601.20	3/4	3,369.45	3/4	3,113.47	3/4	2,857.48	3/4	2,601.50	3/4	2,345.52	3/4	2,089.52
1		1		1		1	3,599.27	1	3,364.12	1	3,108.14	1	2,852.14	1	2,596.17	1	2,340.19	1	2,084.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,597.33	1/4	3,358.78	1/4	3,102.81	1/4	2,846.81	1/4	2,590.83	1/4	2,334.85	1/4	2,078.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,594.42	1/2	3,353.45	1/2	3,097.47	1/2	2,841.48	1/2	2,585.50	1/2	2,329.52	1/2	2,073.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,591.51	3/4	3,348.12	3/4	3,092.14	3/4	2,836.14	3/4	2,580.17	3/4	2,324.19	3/4	2,068.19
2		2		2		2	3,588.60	2	3,342.78	2	3,086.81	2	2,830.81	2	2,574.83	2	2,318.85	2	2,062.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,585.69	1/4	3,337.45	1/4	3,081.47	1/4	2,825.48	1/4	2,569.50	1/4	2,313.52	1/4	2,057.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,581.81	1/2	3,332.12	1/2	3,076.14	1/2	2,820.15	1/2	2,564.17	1/2	2,308.19	1/2	2,052.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,577.93	3/4	3,326.79	3/4	3,070.81	3/4	2,814.82	3/4	2,558.83	3/4	2,302.86	3/4	2,046.86
3		3		3		3	3,574.05	3	3,321.45	3	3,065.47	3	2,809.49	3	2,553.50	3	2,297.52	3	2,041.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,570.17	1/4	3,316.12	1/4	3,060.14	1/4	2,804.16	1/4	2,548.17	1/4	2,292.19	1/4	2,036.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,565.32	1/2	3,310.79	1/2	3,054.81	1/2	2,798.83	1/2	2,542.83	1/2	2,286.86	1/2	2,030.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,560.48	3/4	3,305.45	3/4	3,049.48	3/4	2,793.50	3/4	2,537.50	3/4	2,281.52	3/4	2,025.52
4		4		4		4	3,555.63	4	3,300.12	4	3,044.14	4	2,788.16	4	2,532.17	4	2,276.19	4	2,020.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,550.78	1/4	3,294.79	1/4	3,038.81	1/4	2,782.83	1/4	2,526.83	1/4	2,270.86	1/4	2,014.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,545.45	1/2	3,289.45	1/2	3,033.48	1/2	2,777.50	1/2	2,521.50	1/2	2,265.52	1/2	2,009.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,540.12	3/4	3,284.12	3/4	3,028.14	3/4	2,772.16	3/4	2,516.17	3/4	2,260.19	3/4	2,004.19
5		5		5		5	3,534.78	5	3,278.79	5	3,022.81	5	2,766.83	5	2,510.83	5	2,254.86	5	1,998.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,529.45	1/4	3,273.45	1/4	3,017.48	1/4	2,761.50	1/4	2,505.50	1/4	2,249.52	1/4	1,993.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,524.12	1/2	3,268.12	1/2	3,012.14	1/2	2,756.16	1/2	2,500.17	1/2	2,244.19	1/2	1,988.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,518.78	3/4	3,262.79	3/4	3,006.81	3/4	2,750.83	3/4	2,494.83	3/4	2,238.86	3/4	1,982.86
6		6		6		6	3,513.45	6	3,257.45	6	3,001.48	6	2,745.50	6	2,489.50	6	2,233.52	6	1,977.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,508.12	1/4	3,252.12	1/4	2,996.14	1/4	2,740.16	1/4	2,484.17	1/4	2,228.19	1/4	1,972.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,502.78	1/2	3,246.79	1/2	2,990.81	1/2	2,734.83	1/2	2,478.83	1/2	2,222.86	1/2	1,966.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,497.45	3/4	3,241.45	3/4	2,985.48	3/4	2,729.50	3/4	2,473.50	3/4	2,217.52	3/4	1,961.53
7		7		7		7	3,492.12	7	3,236.12	7	2,980.14	7	2,724.16	7	2,468.17	7	2,212.19	7	1,956.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,486.78	1/4	3,230.79	1/4	2,974.81	1/4	2,718.83	1/4	2,462.83	1/4	2,206.86	1/4	1,950.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,481.45	1/2	3,225.46	1/2	2,969.48	1/2	2,713.50	1/2	2,457.50	1/2	2,201.52	1/2	1,945.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,476.12	3/4	3,220.13	3/4	2,964.14	3/4	2,708.16	3/4	2,452.17	3/4	2,196.19	3/4	1,940.21
8		8		8		8	3,470.78	8	3,214.80	8	2,958.81	8	2,702.83	8	2,446.83	8	2,190.86	8	1,934.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,465.45	1/4	3,209.47	1/4	2,953.48	1/4	2,697.50	1/4	2,441.50	1/4	2,185.52	1/4	1,929.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,460.12	1/2	3,204.14	1/2	2,948.14	1/2	2,692.16	1/2	2,436.17	1/2	2,180.19	1/2	1,924.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,454.78	3/4	3,198.81	3/4	2,942.81	3/4	2,686.83	3/4	2,430.83	3/4	2,174.86	3/4	1,918.88
9		9		9		9	3,449.45	9	3,193.47	9	2,937.48	9	2,681.50	9	2,425.50	9	2,169.52	9	1,913.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,444.12	1/4	3,188.14	1/4	2,932.14	1/4	2,676.16	1/4	2,420.17	1/4	2,164.19	1/4	1,908.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,438.78	1/2	3,182.81	1/2	2,926.81	1/2	2,670.83	1/2	2,414.83	1/2	2,158.86	1/2	1,902.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,433.45	3/4	3,177.47	3/4	2,921.48	3/4	2,665.50	3/4	2,409.50	3/4	2,153.52	3/4	1,897.55
10		10		10		10	3,428.12	10	3,172.14	10	2,916.14	10	2,660.16	10	2,404.17	10	2,148.19	10	1,892.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,422.78	1/4	3,166.81	1/4	2,910.81	1/4	2,654.83	1/4	2,398.83	1/4	2,142.86	1/4	1,886.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,417.45	1/2	3,161.47	1/2	2,905.48	1/2	2,649.50	1/2	2,393.51	1/2	2,137.52	1/2	1,881.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,609.45	3/4	3,412.12	3/4	3,156.14	3/4	2,900.14	3/4	2,644.17	3/4	2,388.18	3/4	2,132.19
11		11		11		11	3,609.20	11	3,406.78	11	3,150.81	11	2,894.81	11	2,638.83	11	2,382.85	11	2,126.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,608.95	1/4	3,401.45	1/4	3,145.47	1/4	2,889.48	1/4	2,633.50	1/4	2,377.52	1/4	2,121.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,607.98	1/2	3,396.12	1/2	3,140.14	1/2	2,884.14	1/2	2,628.17	1/2	2,372.19	1/2	2,116.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,607.01	3/4	3,390.78	3/4	3,134.81	3/4	2,878.81	3/4	2,622.83	3/4	2,366.85	3/4	2,110.86

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 OR AT MANUAL STANDPIPE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.
 GAUGE POINT: (MANUAL) LOCATED ON CENTERLINE AND 25'-02" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10515"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 739"

GAUGE HEIGHT 17'-04 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	1,849.55	0	1,593.55	0	1,337.57	0	1,081.59	0	825.59	0	569.62	0	313.62	0	58.46	0		0	
1/4	1,844.21	1/4	1,588.21	1/4	1,332.24	1/4	1,076.26	1/4	820.26	1/4	564.28	1/4	308.29	1/4	53.17	1/4		1/4	
1/2	1,838.88	1/2	1,582.88	1/2	1,326.90	1/2	1,070.93	1/2	814.93	1/2	558.95	1/2	302.96	1/2	47.88	1/2		1/2	
3/4	1,833.55	3/4	1,577.55	3/4	1,321.57	3/4	1,065.59	3/4	809.59	3/4	553.62	3/4	297.63	3/4	42.58	3/4		3/4	
1	1,828.21	1	1,572.21	1	1,316.24	1	1,060.26	1	804.26	1	548.28	1	292.30	1	37.29	1		1	
1/4	1,822.88	1/4	1,566.88	1/4	1,310.90	1/4	1,054.93	1/4	798.93	1/4	542.95	1/4	286.98	1/4	32.00	1/4		1/4	
1/2	1,817.55	1/2	1,561.55	1/2	1,305.57	1/2	1,049.59	1/2	793.59	1/2	537.62	1/2	281.64	1/2	27.55	1/2		1/2	
3/4	1,812.21	3/4	1,556.23	3/4	1,300.24	3/4	1,044.26	3/4	788.26	3/4	532.28	3/4	276.31	3/4	23.11	3/4		3/4	
2	1,806.88	2	1,550.90	2	1,294.90	2	1,038.93	2	782.93	2	526.95	2	270.98	2	18.66	2		2	
1/4	1,801.55	1/4	1,545.57	1/4	1,289.57	1/4	1,033.59	1/4	777.59	1/4	521.62	1/4	265.64	1/4	14.21	1/4		1/4	
1/2	1,796.21	1/2	1,540.23	1/2	1,284.24	1/2	1,028.26	1/2	772.26	1/2	516.28	1/2	260.31	1/2	11.55	1/2		1/2	
3/4	1,790.88	3/4	1,534.88	3/4	1,278.90	3/4	1,022.93	3/4	766.93	3/4	510.95	3/4	254.98	3/4	8.88	3/4		3/4	
3	1,785.55	3	1,529.54	3	1,273.57	3	1,017.59	3	761.59	3	505.62	3	249.64	3	6.21	3		3	
1/4	1,780.21	1/4	1,524.19	1/4	1,268.24	1/4	1,012.26	1/4	756.26	1/4	500.28	1/4	244.31	1/4	3.55	1/4		1/4	
1/2	1,774.88	1/2	1,518.87	1/2	1,262.90	1/2	1,006.93	1/2	750.93	1/2	494.95	1/2	238.98	1/2	2.66	1/2		1/2	
3/4	1,769.55	3/4	1,513.55	3/4	1,257.57	3/4	1,001.59	3/4	745.60	3/4	489.62	3/4	233.64	3/4	1.77	3/4		3/4	
4	1,764.21	4	1,508.22	4	1,252.24	4	996.26	4	740.26	4	484.28	4	228.31	4	0.89	4		4	
1/4	1,758.88	1/4	1,502.90	1/4	1,246.90	1/4	990.93	1/4	734.93	1/4	478.95	1/4	222.98	1/4	0.00	1/4		1/4	
1/2	1,753.55	1/2	1,497.57	1/2	1,241.57	1/2	985.59	1/2	729.60	1/2	473.62	1/2	217.64	1/2		1/2		1/2	
3/4	1,748.21	3/4	1,492.24	3/4	1,236.24	3/4	980.26	3/4	724.26	3/4	468.28	3/4	212.31	3/4		3/4		3/4	
5	1,742.88	5	1,486.90	5	1,230.90	5	974.93	5	718.93	5	462.95	5	206.98	5		5		5	
1/4	1,737.55	1/4	1,481.57	1/4	1,225.57	1/4	969.59	1/4	713.60	1/4	457.62	1/4	201.64	1/4		1/4		1/4	
1/2	1,732.21	1/2	1,476.24	1/2	1,220.24	1/2	964.26	1/2	708.27	1/2	452.28	1/2	196.31	1/2		1/2		1/2	
3/4	1,726.88	3/4	1,470.90	3/4	1,214.90	3/4	958.93	3/4	702.94	3/4	446.95	3/4	190.98	3/4		3/4		3/4	
6	1,721.55	6	1,465.57	6	1,209.57	6	953.59	6	697.61	6	441.62	6	185.64	6		6		6	
1/4	1,716.21	1/4	1,460.24	1/4	1,204.24	1/4	948.26	1/4	692.28	1/4	436.28	1/4	180.31	1/4		1/4		1/4	
1/2	1,710.88	1/2	1,454.90	1/2	1,198.90	1/2	942.93	1/2	686.95	1/2	430.95	1/2	174.98	1/2		1/2		1/2	
3/4	1,705.55	3/4	1,449.57	3/4	1,193.57	3/4	937.59	3/4	681.62	3/4	425.62	3/4	169.64	3/4		3/4		3/4	
7	1,700.21	7	1,444.24	7	1,188.24	7	932.26	7	676.28	7	420.28	7	164.31	7		7		7	
1/4	1,694.88	1/4	1,438.90	1/4	1,182.90	1/4	926.93	1/4	670.95	1/4	414.95	1/4	158.98	1/4		1/4		1/4	
1/2	1,689.55	1/2	1,433.57	1/2	1,177.57	1/2	921.59	1/2	665.62	1/2	409.62	1/2	153.68	1/2		1/2		1/2	
3/4	1,684.21	3/4	1,428.24	3/4	1,172.24	3/4	916.26	3/4	660.28	3/4	404.29	3/4	148.39	3/4		3/4		3/4	
8	1,678.88	8	1,422.90	8	1,166.90	8	910.93	8	654.95	8	398.95	8	143.10	8		8		8	
1/4	1,673.55	1/4	1,417.57	1/4	1,161.57	1/4	905.59	1/4	649.62	1/4	393.62	1/4	137.81	1/4		1/4		1/4	
1/2	1,668.21	1/2	1,412.24	1/2	1,156.24	1/2	900.26	1/2	644.28	1/2	388.29	1/2	132.52	1/2		1/2		1/2	
3/4	1,662.88	3/4	1,406.90	3/4	1,150.90	3/4	894.93	3/4	638.95	3/4	382.95	3/4	127.23	3/4		3/4		3/4	
9	1,657.55	9	1,401.57	9	1,145.57	9	889.59	9	633.62	9	377.62	9	121.93	9		9		9	
1/4	1,652.21	1/4	1,396.24	1/4	1,140.24	1/4	884.26	1/4	628.28	1/4	372.29	1/4	116.64	1/4		1/4		1/4	
1/2	1,646.88	1/2	1,390.90	1/2	1,134.91	1/2	878.93	1/2	622.95	1/2	366.95	1/2	111.35	1/2		1/2		1/2	
3/4	1,641.55	3/4	1,385.57	3/4	1,129.58	3/4	873.59	3/4	617.62	3/4	361.62	3/4	106.06	3/4		3/4		3/4	
10	1,636.21	10	1,380.24	10	1,124.25	10	868.26	10	612.28	10	356.29	10	100.77	10		10		10	
1/4	1,630.88	1/4	1,374.90	1/4	1,118.93	1/4	862.93	1/4	606.95	1/4	350.95	1/4	95.48	1/4		1/4		1/4	
1/2	1,625.55	1/2	1,369.57	1/2	1,113.59	1/2	857.59	1/2	601.62	1/2	345.62	1/2	90.19	1/2		1/2		1/2	
3/4	1,620.21	3/4	1,364.24	3/4	1,108.26	3/4	852.26	3/4	596.28	3/4	340.29	3/4	84.90	3/4		3/4		3/4	
11	1,614.88	11	1,358.90	11	1,102.93	11	846.93	11	590.95	11	334.95	11	79.62	11		11		11	
1/4	1,609.55	1/4	1,353.57	1/4	1,097.59	1/4	841.59	1/4	585.62	1/4	329.62	1/4	74.33	1/4		1/4		1/4	
1/2	1,604.21	1/2	1,348.24	1/2	1,092.26	1/2	836.26	1/2	580.28	1/2	324.29	1/2	69.04	1/2		1/2		1/2	
3/4	1,598.88	3/4	1,342.90	3/4	1,086.93	3/4	830.93	3/4	574.95	3/4	318.95	3/4	63.75	3/4		3/4		3/4	

STRAPPED: 09/08/1992 SI
REPRINTED: 05/08/2002 CL

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ALL PRIOR TO 05/2002

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BARGE "KIRBY 10515"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 739"

GAUGE HEIGHT 17'-03 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	0	0	0	0	0	3,953.45	0	3,709.78	0	3,428.40	0	3,146.99	0	2,865.60	0	2,584.21	0	2,302.80		
1/4	1/4	1/4	1/4	1/4	1/4	3,951.67	1/4	3,703.92	1/4	3,422.54	1/4	3,141.13	1/4	2,859.74	1/4	2,578.35	1/4	2,296.94		
1/2	1/2	1/2	1/2	1/2	1/2	3,949.88	1/2	3,698.05	1/2	3,416.67	1/2	3,135.27	1/2	2,853.88	1/2	2,572.48	1/2	2,291.08		
3/4	3/4	3/4	3/4	3/4	3/4	3,948.10	3/4	3,692.19	3/4	3,410.81	3/4	3,129.40	3/4	2,848.02	3/4	2,566.62	3/4	2,285.21		
1	1	1	1	1	1	3,945.29	1	3,686.33	1	3,404.95	1	3,123.54	1	2,842.16	1	2,560.76	1	2,279.35		
1/4	1/4	1/4	1/4	1/4	1/4	3,942.49	1/4	3,680.46	1/4	3,399.08	1/4	3,117.68	1/4	2,836.30	1/4	2,554.89	1/4	2,273.49		
1/2	1/2	1/2	1/2	1/2	1/2	3,939.68	1/2	3,674.60	1/2	3,393.22	1/2	3,111.82	1/2	2,830.43	1/2	2,549.03	1/2	2,267.63		
3/4	3/4	3/4	3/4	3/4	3/4	3,936.88	3/4	3,668.74	3/4	3,387.36	3/4	3,105.95	3/4	2,824.57	3/4	2,543.17	3/4	2,261.76		
2	2	2	2	2	2	3,933.06	2	3,662.88	2	3,381.49	2	3,100.09	2	2,818.71	2	2,537.30	2	2,255.90		
1/4	1/4	1/4	1/4	1/4	1/4	3,929.24	1/4	3,657.02	1/4	3,375.63	1/4	3,094.23	1/4	2,812.85	1/4	2,531.44	1/4	2,250.04		
1/2	1/2	1/2	1/2	1/2	1/2	3,925.42	1/2	3,651.17	1/2	3,369.77	1/2	3,088.36	1/2	2,806.98	1/2	2,525.58	1/2	2,244.17		
3/4	3/4	3/4	3/4	3/4	3/4	3,921.60	3/4	3,645.31	3/4	3,363.90	3/4	3,082.50	3/4	2,801.12	3/4	2,519.71	3/4	2,238.31		
3	3	3	3	3	3	3,916.76	3	3,639.45	3	3,358.04	3	3,076.64	3	2,795.26	3	2,513.85	3	2,232.45		
1/4	1/4	1/4	1/4	1/4	1/4	3,911.92	1/4	3,633.58	1/4	3,352.18	1/4	3,070.77	1/4	2,789.39	1/4	2,507.99	1/4	2,226.60		
1/2	1/2	1/2	1/2	1/2	1/2	3,907.08	1/2	3,627.72	1/2	3,346.32	1/2	3,064.91	1/2	2,783.53	1/2	2,502.13	1/2	2,220.74		
3/4	3/4	3/4	3/4	3/4	3/4	3,902.24	3/4	3,621.86	3/4	3,340.45	3/4	3,059.05	3/4	2,777.67	3/4	2,496.26	3/4	2,214.88		
4	4	4	4	4	4	3,896.62	4	3,615.99	4	3,334.59	4	3,053.19	4	2,771.80	4	2,490.40	4	2,209.02		
1/4	1/4	1/4	1/4	1/4	1/4	3,891.01	1/4	3,610.13	1/4	3,328.73	1/4	3,047.33	1/4	2,765.94	1/4	2,484.54	1/4	2,203.15		
1/2	1/2	1/2	1/2	1/2	1/2	3,885.40	1/2	3,604.27	1/2	3,322.86	1/2	3,041.48	1/2	2,760.08	1/2	2,478.67	1/2	2,197.29		
3/4	3/4	3/4	3/4	3/4	3/4	3,879.79	3/4	3,598.40	3/4	3,317.00	3/4	3,035.62	3/4	2,754.21	3/4	2,472.81	3/4	2,191.43		
5	5	5	5	5	5	3,873.93	5	3,592.54	5	3,311.14	5	3,029.76	5	2,748.35	5	2,466.95	5	2,185.57		
1/4	1/4	1/4	1/4	1/4	1/4	3,868.07	1/4	3,586.68	1/4	3,305.27	1/4	3,023.89	1/4	2,742.49	1/4	2,461.08	1/4	2,179.70		
1/2	1/2	1/2	1/2	1/2	1/2	3,862.21	1/2	3,580.82	1/2	3,299.41	1/2	3,018.03	1/2	2,736.63	1/2	2,455.22	1/2	2,173.84		
3/4	3/4	3/4	3/4	3/4	3/4	3,856.36	3/4	3,574.95	3/4	3,293.55	3/4	3,012.17	3/4	2,730.76	3/4	2,449.36	3/4	2,167.98		
6	6	6	6	6	6	3,850.49	6	3,569.09	6	3,287.68	6	3,006.30	6	2,724.90	6	2,443.50	6	2,162.11		
1/4	1/4	1/4	1/4	1/4	1/4	3,844.63	1/4	3,563.23	1/4	3,281.82	1/4	3,000.44	1/4	2,719.04	1/4	2,437.64	1/4	2,156.25		
1/2	1/2	1/2	1/2	1/2	1/2	3,838.77	1/2	3,557.36	1/2	3,275.96	1/2	2,994.58	1/2	2,713.17	1/2	2,431.79	1/2	2,150.39		
3/4	3/4	3/4	3/4	3/4	3/4	3,832.90	3/4	3,551.50	3/4	3,270.10	3/4	2,988.71	3/4	2,707.31	3/4	2,425.93	3/4	2,144.52		
7	7	7	7	7	7	3,827.04	7	3,545.64	7	3,264.24	7	2,982.85	7	2,701.45	7	2,420.07	7	2,138.66		
1/4	1/4	1/4	1/4	1/4	1/4	3,821.18	1/4	3,539.77	1/4	3,258.38	1/4	2,976.99	1/4	2,695.58	1/4	2,414.20	1/4	2,132.80		
1/2	1/2	1/2	1/2	1/2	1/2	3,815.32	1/2	3,533.91	1/2	3,252.52	1/2	2,971.13	1/2	2,689.72	1/2	2,408.34	1/2	2,126.93		
3/4	3/4	3/4	3/4	3/4	3/4	3,809.45	3/4	3,528.05	3/4	3,246.67	3/4	2,965.26	3/4	2,683.86	3/4	2,402.48	3/4	2,121.07		
8	8	8	8	8	8	3,803.59	8	3,522.18	8	3,240.80	8	2,959.40	8	2,677.99	8	2,396.61	8	2,115.21		
1/4	1/4	1/4	1/4	1/4	1/4	3,797.73	1/4	3,516.32	1/4	3,234.94	1/4	2,953.54	1/4	2,672.13	1/4	2,390.75	1/4	2,109.35		
1/2	1/2	1/2	1/2	1/2	1/2	3,791.86	1/2	3,510.46	1/2	3,229.08	1/2	2,947.67	1/2	2,666.27	1/2	2,384.89	1/2	2,103.48		
3/4	3/4	3/4	3/4	3/4	3/4	3,786.00	3/4	3,504.60	3/4	3,223.21	3/4	2,941.81	3/4	2,660.40	3/4	2,379.02	3/4	2,097.62		
9	9	9	9	9	9	3,780.14	9	3,498.73	9	3,217.35	9	2,935.95	9	2,654.55	9	2,373.16	9	2,091.76		
1/4	1/4	1/4	1/4	1/4	1/4	3,774.27	1/4	3,492.87	1/4	3,211.49	1/4	2,930.08	1/4	2,648.69	1/4	2,367.30	1/4	2,085.89		
1/2	1/2	1/2	1/2	1/2	1/2	3,768.41	1/2	3,487.01	1/2	3,205.63	1/2	2,924.22	1/2	2,642.83	1/2	2,361.43	1/2	2,080.03		
3/4	3/4	3/4	3/4	3/4	3/4	3,762.55	3/4	3,481.14	3/4	3,199.76	3/4	2,918.36	3/4	2,636.98	3/4	2,355.57	3/4	2,074.17		
10	10	10	10	10	10	3,756.68	10	3,475.29	10	3,193.90	10	2,912.49	10	2,631.11	10	2,349.71	10	2,068.30		
1/4	1/4	1/4	1/4	1/4	1/4	3,750.82	1/4	3,469.43	1/4	3,188.04	1/4	2,906.63	1/4	2,625.25	1/4	2,343.85	1/4	2,062.44		
1/2	1/2	1/2	1/2	1/2	1/2	3,958.93	1/2	3,744.96	1/2	3,463.57	1/2	3,182.17	1/2	2,900.77	1/2	2,619.39	1/2	2,337.98	1/2	2,056.58
3/4	3/4	3/4	3/4	3/4	3/4	3,958.55	3/4	3,739.10	3/4	3,457.71	3/4	3,176.31	3/4	2,894.90	3/4	2,613.52	3/4	2,332.12	3/4	2,050.71
11	11	11	11	11	11	3,957.72	11	3,733.23	11	3,451.85	11	3,170.45	11	2,889.04	11	2,607.66	11	2,326.26	11	2,044.86
1/4	1/4	1/4	1/4	1/4	1/4	3,956.89	1/4	3,727.37	1/4	3,445.99	1/4	3,164.58	1/4	2,883.18	1/4	2,601.80	1/4	2,320.39	1/4	2,039.00
1/2	1/2	1/2	1/2	1/2	1/2	3,956.07	1/2	3,721.51	1/2	3,440.13	1/2	3,158.72	1/2	2,877.32	1/2	2,595.93	1/2	2,314.53	1/2	2,033.14
3/4	3/4	3/4	3/4	3/4	3/4	3,955.24	3/4	3,715.64	3/4	3,434.26	3/4	3,152.86	3/4	2,871.45	3/4	2,590.07	3/4	2,308.67	3/4	2,027.29

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 OR AT MANUAL STANDPIPE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.
 GAUGE POINT: (MANUAL) LOCATED ON CENTERLINE AND 25'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 10515"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 739"

GAUGE HEIGHT 17'-03 3/4"

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	2,021.42	0	1,740.02	0	1,458.61	0	1,177.23	0	895.83	0	614.43	0	333.04	0	52.61	0		0	
1/4	2,015.56	1/4	1,734.15	1/4	1,452.75	1/4	1,171.37	1/4	889.96	1/4	608.57	1/4	327.18	1/4	46.80	1/4		1/4	
1/2	2,009.70	1/2	1,728.29	1/2	1,446.89	1/2	1,165.51	1/2	884.10	1/2	602.71	1/2	321.32	1/2	40.98	1/2		1/2	
3/4	2,003.83	3/4	1,722.43	3/4	1,441.02	3/4	1,159.64	3/4	878.24	3/4	596.86	3/4	315.45	3/4	35.17	3/4		3/4	
1	1,997.97	1	1,716.57	1	1,435.17	1	1,153.78	1	872.37	1	590.99	1	309.59	1	30.29	1		1	
1/4	1,992.11	1/4	1,710.70	1/4	1,429.31	1/4	1,147.92	1/4	866.51	1/4	585.13	1/4	303.73	1/4	25.40	1/4		1/4	
1/2	1,986.24	1/2	1,704.84	1/2	1,423.45	1/2	1,142.05	1/2	860.65	1/2	579.27	1/2	297.86	1/2	20.52	1/2		1/2	
3/4	1,980.38	3/4	1,698.98	3/4	1,417.60	3/4	1,136.19	3/4	854.79	3/4	573.40	3/4	292.00	3/4	15.64	3/4		3/4	
2	1,974.52	2	1,693.11	2	1,411.73	2	1,130.33	2	848.92	2	567.54	2	286.14	2	12.71	2		2	
1/4	1,968.65	1/4	1,687.25	1/4	1,405.87	1/4	1,124.46	1/4	843.06	1/4	561.68	1/4	280.27	1/4	9.77	1/4		1/4	
1/2	1,962.79	1/2	1,681.39	1/2	1,400.01	1/2	1,118.60	1/2	837.20	1/2	555.82	1/2	274.41	1/2	6.84	1/2		1/2	
3/4	1,956.93	3/4	1,675.52	3/4	1,394.14	3/4	1,112.74	3/4	831.33	3/4	549.95	3/4	268.55	3/4	3.90	3/4		3/4	
3	1,951.07	3	1,669.66	3	1,388.28	3	1,106.87	3	825.47	3	544.09	3	262.68	3	2.93	3		3	
1/4	1,945.20	1/4	1,663.80	1/4	1,382.42	1/4	1,101.01	1/4	819.61	1/4	538.23	1/4	256.82	1/4	1.95	1/4		1/4	
1/2	1,939.34	1/2	1,657.93	1/2	1,376.55	1/2	1,095.15	1/2	813.74	1/2	532.36	1/2	250.96	1/2	0.98	1/2		1/2	
3/4	1,933.48	3/4	1,652.07	3/4	1,370.69	3/4	1,089.29	3/4	807.88	3/4	526.50	3/4	245.10	3/4	0.00	3/4		3/4	
4	1,927.61	4	1,646.21	4	1,364.83	4	1,083.42	4	802.02	4	520.64	4	239.23	4		4		4	
1/4	1,921.75	1/4	1,640.35	1/4	1,358.96	1/4	1,077.56	1/4	796.17	1/4	514.77	1/4	233.37	1/4		1/4		1/4	
1/2	1,915.89	1/2	1,634.48	1/2	1,353.10	1/2	1,071.70	1/2	790.31	1/2	508.91	1/2	227.51	1/2		1/2		1/2	
3/4	1,910.02	3/4	1,628.62	3/4	1,347.24	3/4	1,065.83	3/4	784.45	3/4	503.05	3/4	221.64	3/4		3/4		3/4	
5	1,904.16	5	1,622.76	5	1,341.38	5	1,059.97	5	778.59	5	497.18	5	215.78	5		5		5	
1/4	1,898.30	1/4	1,616.90	1/4	1,335.51	1/4	1,054.11	1/4	772.73	1/4	491.32	1/4	209.92	1/4		1/4		1/4	
1/2	1,892.43	1/2	1,611.05	1/2	1,329.65	1/2	1,048.24	1/2	766.86	1/2	485.46	1/2	204.05	1/2		1/2		1/2	
3/4	1,886.57	3/4	1,605.19	3/4	1,323.79	3/4	1,042.38	3/4	761.00	3/4	479.60	3/4	198.19	3/4		3/4		3/4	
6	1,880.71	6	1,599.33	6	1,317.92	6	1,036.52	6	755.14	6	473.73	6	192.33	6		6		6	
1/4	1,874.85	1/4	1,593.46	1/4	1,312.06	1/4	1,030.65	1/4	749.27	1/4	467.87	1/4	186.48	1/4		1/4		1/4	
1/2	1,868.98	1/2	1,587.60	1/2	1,306.20	1/2	1,024.79	1/2	743.41	1/2	462.01	1/2	180.62	1/2		1/2		1/2	
3/4	1,863.12	3/4	1,581.74	3/4	1,300.33	3/4	1,018.93	3/4	737.55	3/4	456.14	3/4	174.76	3/4		3/4		3/4	
7	1,857.26	7	1,575.88	7	1,294.47	7	1,013.07	7	731.68	7	450.28	7	168.95	7		7		7	
1/4	1,851.39	1/4	1,570.01	1/4	1,288.61	1/4	1,007.21	1/4	725.82	1/4	444.42	1/4	163.13	1/4		1/4		1/4	
1/2	1,845.53	1/2	1,564.15	1/2	1,282.74	1/2	1,001.36	1/2	719.96	1/2	438.55	1/2	157.32	1/2		1/2		1/2	
3/4	1,839.67	3/4	1,558.29	3/4	1,276.88	3/4	995.50	3/4	714.10	3/4	432.69	3/4	151.50	3/4		3/4		3/4	
8	1,833.81	8	1,552.42	8	1,271.02	8	989.64	8	708.23	8	426.83	8	145.68	8		8		8	
1/4	1,827.95	1/4	1,546.56	1/4	1,265.15	1/4	983.77	1/4	702.37	1/4	420.96	1/4	139.87	1/4		1/4		1/4	
1/2	1,822.10	1/2	1,540.70	1/2	1,259.29	1/2	977.91	1/2	696.51	1/2	415.10	1/2	134.05	1/2		1/2		1/2	
3/4	1,816.24	3/4	1,534.83	3/4	1,253.43	3/4	972.05	3/4	690.64	3/4	409.24	3/4	128.24	3/4		3/4		3/4	
9	1,810.38	9	1,528.97	9	1,247.57	9	966.18	9	684.78	9	403.38	9	122.42	9		9		9	
1/4	1,804.51	1/4	1,523.11	1/4	1,241.70	1/4	960.32	1/4	678.92	1/4	397.52	1/4	116.60	1/4		1/4		1/4	
1/2	1,798.65	1/2	1,517.24	1/2	1,235.84	1/2	954.46	1/2	673.05	1/2	391.67	1/2	110.77	1/2		1/2		1/2	
3/4	1,792.79	3/4	1,511.38	3/4	1,229.98	3/4	948.60	3/4	667.19	3/4	385.81	3/4	104.95	3/4		3/4		3/4	
10	1,786.92	10	1,505.52	10	1,224.12	10	942.73	10	661.33	10	379.95	10	99.14	10		10		10	
1/4	1,781.06	1/4	1,499.65	1/4	1,218.26	1/4	936.87	1/4	655.46	1/4	374.08	1/4	93.32	1/4		1/4		1/4	
1/2	1,775.20	1/2	1,493.79	1/2	1,212.40	1/2	931.01	1/2	649.60	1/2	368.22	1/2	87.51	1/2		1/2		1/2	
3/4	1,769.33	3/4	1,487.93	3/4	1,206.55	3/4	925.14	3/4	643.74	3/4	362.36	3/4	81.69	3/4		3/4		3/4	
11	1,763.47	11	1,482.07	11	1,200.68	11	919.28	11	637.87	11	356.49	11	75.88	11		11		11	
1/4	1,757.61	1/4	1,476.20	1/4	1,194.82	1/4	913.42	1/4	632.01	1/4	350.63	1/4	70.06	1/4		1/4		1/4	
1/2	1,751.74	1/2	1,470.34	1/2	1,188.96	1/2	907.55	1/2	626.15	1/2	344.77	1/2	64.24	1/2		1/2		1/2	
3/4	1,745.88	3/4	1,464.48	3/4	1,183.10	3/4	901.69	3/4	620.29	3/4	338.90	3/4	58.43	3/4		3/4		3/4	

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