



# BARGE "KIRBY 10511"

ULLAGE TRIM TABLE

FORMERLY "DC 733"

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

(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 2 CENTER IS 01-0/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-01"

LENGTH BETWEEN DRAFT MARKS: 152'-00"

March 6, 2007

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

<http://www.pmacorp.net>



# BARGE "KIRBY 10511"

## 1 CENTER ULLAGE TABLE

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

FORMERLY " DC 733"

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		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0		0	3,428.25	0	3,233.53	0	3,011.99	0	2,790.44	0	2,568.91	0	2,334.43	0	2,081.00		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,426.61	1/4	3,228.92	1/4	3,007.37	1/4	2,785.83	1/4	2,564.29	1/4	2,329.15	1/4	2,075.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,424.97	1/2	3,224.31	1/2	3,002.76	1/2	2,781.21	1/2	2,559.67	1/2	2,323.87	1/2	2,070.44		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,423.34	3/4	3,219.70	3/4	2,998.15	3/4	2,776.60	3/4	2,555.05	3/4	2,318.59	3/4	2,065.16		
1		1		1		1	3,420.93	1	3,215.08	1	2,993.53	1	2,771.99	1	2,550.44	1	2,313.31	1	2,059.88		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,418.53	1/4	3,210.46	1/4	2,988.91	1/4	2,767.37	1/4	2,545.83	1/4	2,308.03	1/4	2,054.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,416.12	1/2	3,205.84	1/2	2,984.29	1/2	2,762.76	1/2	2,541.21	1/2	2,302.75	1/2	2,049.32		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,413.72	3/4	3,201.22	3/4	2,979.67	3/4	2,758.15	3/4	2,536.60	3/4	2,297.47	3/4	2,044.04		
2		2		2		2	3,410.55	2	3,196.61	2	2,975.06	2	2,753.53	2	2,531.98	2	2,292.19	2	2,038.76		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,407.37	1/4	3,191.99	1/4	2,970.45	1/4	2,748.91	1/4	2,527.36	1/4	2,286.91	1/4	2,033.48		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,404.20	1/2	3,187.38	1/2	2,965.83	1/2	2,744.29	1/2	2,522.74	1/2	2,281.63	1/2	2,028.20		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,401.03	3/4	3,182.77	3/4	2,961.22	3/4	2,739.67	3/4	2,518.12	3/4	2,276.35	3/4	2,022.92		
3		3		3		3	3,397.09	3	3,178.15	3	2,956.61	3	2,735.06	3	2,513.51	3	2,271.07	3	2,017.64		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,393.15	1/4	3,173.53	1/4	2,951.99	1/4	2,730.45	1/4	2,508.90	1/4	2,265.79	1/4	2,012.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,389.21	1/2	3,168.91	1/2	2,947.38	1/2	2,725.83	1/2	2,504.28	1/2	2,260.51	1/2	2,007.08		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,385.27	3/4	3,164.29	3/4	2,942.77	3/4	2,721.22	3/4	2,499.67	3/4	2,255.23	3/4	2,001.80		
4		4		4		4	3,380.80	4	3,159.68	4	2,938.15	4	2,716.60	4	2,495.06	4	2,249.95	4	1,996.52		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,376.33	1/4	3,155.06	1/4	2,933.53	1/4	2,711.98	1/4	2,490.45	1/4	2,244.67	1/4	1,991.24		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,371.86	1/2	3,150.45	1/2	2,928.91	1/2	2,707.36	1/2	2,485.83	1/2	2,239.39	1/2	1,985.96		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,367.39	3/4	3,145.84	3/4	2,924.29	3/4	2,702.74	3/4	2,481.22	3/4	2,234.11	3/4	1,980.68		
5		5		5		5	3,362.77	5	3,141.22	5	2,919.68	5	2,698.13	5	2,476.60	5	2,228.83	5	1,975.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,358.15	1/4	3,136.61	1/4	2,915.06	1/4	2,693.52	1/4	2,471.98	1/4	2,223.55	1/4	1,970.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,353.53	1/2	3,132.00	1/2	2,910.45	1/2	2,688.90	1/2	2,467.36	1/2	2,218.27	1/2	1,964.84		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,348.91	3/4	3,127.39	3/4	2,905.84	3/4	2,684.29	3/4	2,462.74	3/4	2,212.99	3/4	1,959.56		
6		6		6		6	3,344.30	6	3,122.77	6	2,901.22	6	2,679.68	6	2,458.13	6	2,207.71	6	1,954.28		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,339.68	1/4	3,118.15	1/4	2,896.60	1/4	2,675.06	1/4	2,453.52	1/4	2,202.43	1/4	1,949.00		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,335.07	1/2	3,113.53	1/2	2,891.98	1/2	2,670.45	1/2	2,448.90	1/2	2,197.15	1/2	1,943.72		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,330.46	3/4	3,108.91	3/4	2,887.36	3/4	2,665.84	3/4	2,444.29	3/4	2,191.87	3/4	1,938.44		
7		7		7		7	3,325.84	7	3,104.30	7	2,882.75	7	2,661.22	7	2,439.26	7	2,186.59	7	1,933.16		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,321.23	1/4	3,099.68	1/4	2,878.14	1/4	2,656.60	1/4	2,434.24	1/4	2,181.31	1/4	1,927.88		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,316.62	1/2	3,095.07	1/2	2,873.52	1/2	2,651.98	1/2	2,429.21	1/2	2,176.03	1/2	1,922.60		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,312.00	3/4	3,090.46	3/4	2,868.91	3/4	2,647.36	3/4	2,424.18	3/4	2,170.75	3/4	1,917.32		
8		8		8		8	3,307.39	8	3,085.84	8	2,864.30	8	2,642.75	8	2,418.90	8	2,165.47	8	1,912.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,302.77	1/4	3,081.22	1/4	2,859.68	1/4	2,638.14	1/4	2,413.63	1/4	2,160.19	1/4	1,906.76		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,298.15	1/2	3,076.60	1/2	2,855.07	1/2	2,633.52	1/2	2,408.35	1/2	2,154.92	1/2	1,901.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,293.53	3/4	3,071.98	3/4	2,850.46	3/4	2,628.91	3/4	2,403.07	3/4	2,149.64	3/4	1,896.20		
9		9		9		9	3,288.92	9	3,067.37	9	2,845.84	9	2,624.29	9	2,397.79	9	2,144.36	9	1,890.93		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,284.30	1/4	3,062.76	1/4	2,841.22	1/4	2,619.67	1/4	2,392.51	1/4	2,139.08	1/4	1,885.65		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,279.69	1/2	3,058.14	1/2	2,836.60	1/2	2,615.05	1/2	2,387.23	1/2	2,133.80	1/2	1,880.37		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,275.08	3/4	3,053.53	3/4	2,831.98	3/4	2,610.43	3/4	2,381.95	3/4	2,128.52	3/4	1,875.09		
10		10		10		10	3,270.46	10	3,048.92	10	2,827.37	10	2,605.82	10	2,376.67	10	2,123.24	10	1,869.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,434.10	1/4	3,265.84	1/4	3,044.30	1/4	2,822.76	1/4	2,601.21	1/4	2,371.39	1/4	2,117.96	1/4	1,864.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,433.72	1/2	3,261.22	1/2	3,039.69	1/2	2,818.14	1/2	2,596.59	1/2	2,366.11	1/2	2,112.68	1/2	1,859.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,433.34	3/4	3,256.60	3/4	3,035.08	3/4	2,813.53	3/4	2,591.98	3/4	2,360.83	3/4	2,107.40	3/4	1,853.97
11		11		11		11	3,432.47	11	3,251.99	11	3,030.46	11	2,808.91	11	2,587.37	11	2,355.55	11	2,102.12	11	1,848.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,431.61	1/4	3,247.37	1/4	3,025.84	1/4	2,804.29	1/4	2,582.75	1/4	2,350.27	1/4	2,096.84	1/4	1,843.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,430.75	1/2	3,242.76	1/2	3,021.22	1/2	2,799.67	1/2	2,578.14	1/2	2,344.99	1/2	2,091.56	1/2	1,838.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,429.89	3/4	3,238.15	3/4	3,016.60	3/4	2,795.05	3/4	2,573.53	3/4	2,339.71	3/4	2,086.28	3/4	1,832.85

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 STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 18'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 10511"

## 1 CENTER ULLAGE TABLE

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

FORMERLY " DC 733"

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	1,827.57	0	1,574.14	0	1,320.71	0	1,067.28	0	813.85	0	560.42	0	307.61	0	55.47	0		0	
1/4	1,822.29	1/4	1,568.86	1/4	1,315.43	1/4	1,062.00	1/4	808.57	1/4	555.15	1/4	302.34	1/4	50.25	1/4		1/4	
1/2	1,817.01	1/2	1,563.58	1/2	1,310.15	1/2	1,056.72	1/2	803.29	1/2	549.87	1/2	297.06	1/2	45.03	1/2		1/2	
3/4	1,811.73	3/4	1,558.30	3/4	1,304.87	3/4	1,051.44	3/4	798.01	3/4	544.60	3/4	291.79	3/4	39.81	3/4		3/4	
1	1,806.45	1	1,553.02	1	1,299.59	1	1,046.16	1	792.73	1	539.34	1	286.52	1	35.10	1		1	
1/4	1,801.17	1/4	1,547.74	1/4	1,294.31	1/4	1,040.88	1/4	787.45	1/4	534.08	1/4	281.24	1/4	30.39	1/4		1/4	
1/2	1,795.89	1/2	1,542.46	1/2	1,289.03	1/2	1,035.60	1/2	782.17	1/2	528.81	1/2	275.97	1/2	25.67	1/2		1/2	
3/4	1,790.61	3/4	1,537.18	3/4	1,283.75	3/4	1,030.32	3/4	776.89	3/4	523.55	3/4	270.70	3/4	20.96	3/4		3/4	
2	1,785.33	2	1,531.90	2	1,278.47	2	1,025.04	2	771.61	2	518.28	2	265.43	2	17.66	2		2	
1/4	1,780.05	1/4	1,526.62	1/4	1,273.19	1/4	1,019.76	1/4	766.33	1/4	513.02	1/4	260.16	1/4	14.36	1/4		1/4	
1/2	1,774.77	1/2	1,521.34	1/2	1,267.91	1/2	1,014.48	1/2	761.05	1/2	507.75	1/2	254.89	1/2	11.06	1/2		1/2	
3/4	1,769.49	3/4	1,516.06	3/4	1,262.63	3/4	1,009.20	3/4	755.77	3/4	502.48	3/4	249.62	3/4	7.77	3/4		3/4	
3	1,764.21	3	1,510.78	3	1,257.35	3	1,003.92	3	750.49	3	497.22	3	244.35	3	6.23	3		3	
1/4	1,758.93	1/4	1,505.50	1/4	1,252.07	1/4	998.64	1/4	745.21	1/4	491.96	1/4	239.08	1/4	4.68	1/4		1/4	
1/2	1,753.65	1/2	1,500.22	1/2	1,246.79	1/2	993.36	1/2	739.93	1/2	486.70	1/2	233.80	1/2	3.14	1/2		1/2	
3/4	1,748.37	3/4	1,494.94	3/4	1,241.51	3/4	988.08	3/4	734.65	3/4	481.43	3/4	228.53	3/4	1.60	3/4		3/4	
4	1,743.09	4	1,489.66	4	1,236.23	4	982.80	4	729.37	4	476.17	4	223.26	4		4		4	
1/4	1,737.81	1/4	1,484.38	1/4	1,230.95	1/4	977.52	1/4	724.09	1/4	470.90	1/4	217.99	1/4		1/4		1/4	
1/2	1,732.53	1/2	1,479.10	1/2	1,225.67	1/2	972.24	1/2	718.81	1/2	465.63	1/2	212.73	1/2		1/2		1/2	
3/4	1,727.25	3/4	1,473.82	3/4	1,220.39	3/4	966.96	3/4	713.53	3/4	460.36	3/4	207.46	3/4		3/4		3/4	
5	1,721.97	5	1,468.54	5	1,215.11	5	961.68	5	708.25	5	455.10	5	202.18	5		5		5	
1/4	1,716.69	1/4	1,463.26	1/4	1,209.83	1/4	956.40	1/4	702.97	1/4	449.84	1/4	196.91	1/4		1/4		1/4	
1/2	1,711.41	1/2	1,457.98	1/2	1,204.55	1/2	951.12	1/2	697.69	1/2	444.58	1/2	191.64	1/2		1/2		1/2	
3/4	1,706.13	3/4	1,452.70	3/4	1,199.27	3/4	945.84	3/4	692.41	3/4	439.31	3/4	186.36	3/4		3/4		3/4	
6	1,700.85	6	1,447.42	6	1,193.99	6	940.56	6	687.13	6	434.05	6	181.09	6		6		6	
1/4	1,695.57	1/4	1,442.14	1/4	1,188.71	1/4	935.28	1/4	681.85	1/4	428.78	1/4	175.81	1/4		1/4		1/4	
1/2	1,690.29	1/2	1,436.86	1/2	1,183.43	1/2	930.00	1/2	676.57	1/2	423.51	1/2	170.54	1/2		1/2		1/2	
3/4	1,685.01	3/4	1,431.58	3/4	1,178.15	3/4	924.72	3/4	671.29	3/4	418.24	3/4	165.27	3/4		3/4		3/4	
7	1,679.73	7	1,426.30	7	1,172.87	7	919.44	7	666.01	7	412.98	7	160.03	7		7		7	
1/4	1,674.45	1/4	1,421.02	1/4	1,167.59	1/4	914.16	1/4	660.73	1/4	407.72	1/4	154.79	1/4		1/4		1/4	
1/2	1,669.17	1/2	1,415.74	1/2	1,162.31	1/2	908.88	1/2	655.45	1/2	402.46	1/2	149.55	1/2		1/2		1/2	
3/4	1,663.89	3/4	1,410.46	3/4	1,157.03	3/4	903.60	3/4	650.17	3/4	397.20	3/4	144.31	3/4		3/4		3/4	
8	1,658.61	8	1,405.18	8	1,151.75	8	898.32	8	644.89	8	391.93	8	139.09	8		8		8	
1/4	1,653.33	1/4	1,399.90	1/4	1,146.47	1/4	893.04	1/4	639.61	1/4	386.66	1/4	133.86	1/4		1/4		1/4	
1/2	1,648.05	1/2	1,394.62	1/2	1,141.19	1/2	887.76	1/2	634.33	1/2	381.39	1/2	128.64	1/2		1/2		1/2	
3/4	1,642.77	3/4	1,389.34	3/4	1,135.91	3/4	882.48	3/4	629.05	3/4	376.12	3/4	123.41	3/4		3/4		3/4	
9	1,637.49	9	1,384.06	9	1,130.63	9	877.20	9	623.77	9	370.86	9	118.18	9		9		9	
1/4	1,632.21	1/4	1,378.78	1/4	1,125.35	1/4	871.92	1/4	618.49	1/4	365.60	1/4	112.96	1/4		1/4		1/4	
1/2	1,626.94	1/2	1,373.50	1/2	1,120.07	1/2	866.64	1/2	613.21	1/2	360.34	1/2	107.73	1/2		1/2		1/2	
3/4	1,621.66	3/4	1,368.22	3/4	1,114.79	3/4	861.36	3/4	607.93	3/4	355.08	3/4	102.50	3/4		3/4		3/4	
10	1,616.38	10	1,362.95	10	1,109.51	10	856.08	10	602.65	10	349.80	10	97.28	10		10		10	
1/4	1,611.10	1/4	1,357.67	1/4	1,104.23	1/4	850.80	1/4	597.37	1/4	344.53	1/4	92.05	1/4		1/4		1/4	
1/2	1,605.82	1/2	1,352.39	1/2	1,098.96	1/2	845.52	1/2	592.09	1/2	339.25	1/2	86.83	1/2		1/2		1/2	
3/4	1,600.54	3/4	1,347.11	3/4	1,093.68	3/4	840.24	3/4	586.81	3/4	333.98	3/4	81.60	3/4		3/4		3/4	
11	1,595.26	11	1,341.83	11	1,088.40	11	834.97	11	581.53	11	328.71	11	76.37	11		11		11	
1/4	1,589.98	1/4	1,336.55	1/4	1,083.12	1/4	829.69	1/4	576.25	1/4	323.43	1/4	71.15	1/4		1/4		1/4	
1/2	1,584.70	1/2	1,331.27	1/2	1,077.84	1/2	824.41	1/2	570.98	1/2	318.16	1/2	65.92	1/2		1/2		1/2	
3/4	1,579.42	3/4	1,325.99	3/4	1,072.56	3/4	819.13	3/4	565.70	3/4	312.89	3/4	60.70	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/05/1992 EWS  
DECK MEASUREMENTS: 03/06/2007 SW CL  
REPRINTED: 03/15/2007 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2007

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "KIRBY 10511"

## 2 CENTER ULLAGE TABLE

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

FORMERLY " DC 733"

GAUGE HEIGHT 17'-03 3/8"

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		IN	
0		0		0		0	3,592.00	0	3,364.46	0	3,109.44	0	2,854.44	0	2,599.43	0	2,344.43	0	2,089.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,590.12	1/4	3,359.15	1/4	3,104.13	1/4	2,849.13	1/4	2,594.12	1/4	2,339.12	1/4	2,084.10		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,588.24	1/2	3,353.84	1/2	3,098.81	1/2	2,843.81	1/2	2,588.81	1/2	2,333.81	1/2	2,078.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,585.47	3/4	3,348.52	3/4	3,093.50	3/4	2,838.50	3/4	2,583.50	3/4	2,328.50	3/4	2,073.48		
1		1		1		1	3,582.71	1	3,343.21	1	3,088.19	1	2,833.19	1	2,578.18	1	2,323.18	1	2,068.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,579.94	1/4	3,337.89	1/4	3,082.88	1/4	2,827.88	1/4	2,572.87	1/4	2,317.87	1/4	2,062.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,577.17	1/2	3,332.57	1/2	3,077.57	1/2	2,822.57	1/2	2,567.55	1/2	2,312.55	1/2	2,057.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,573.52	3/4	3,327.26	3/4	3,072.26	3/4	2,817.26	3/4	2,562.24	3/4	2,307.24	3/4	2,052.24		
2		2		2		2	3,569.87	2	3,321.94	2	3,066.94	2	2,811.94	2	2,556.93	2	2,301.93	2	2,046.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,566.22	1/4	3,316.63	1/4	3,061.63	1/4	2,806.63	1/4	2,551.62	1/4	2,296.62	1/4	2,041.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,562.57	1/2	3,311.31	1/2	3,056.31	1/2	2,801.31	1/2	2,546.31	1/2	2,291.31	1/2	2,036.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,558.03	3/4	3,306.00	3/4	3,051.00	3/4	2,796.00	3/4	2,541.00	3/4	2,286.00	3/4	2,030.98		
3		3		3		3	3,553.49	3	3,300.69	3	3,045.69	3	2,790.68	3	2,535.68	3	2,280.68	3	2,025.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,548.95	1/4	3,295.38	1/4	3,040.38	1/4	2,785.37	1/4	2,530.37	1/4	2,275.37	1/4	2,020.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,544.41	1/2	3,290.07	1/2	3,035.07	1/2	2,780.05	1/2	2,525.05	1/2	2,270.05	1/2	2,015.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,539.26	3/4	3,284.76	3/4	3,029.76	3/4	2,774.74	3/4	2,519.74	3/4	2,264.74	3/4	2,009.74		
4		4		4		4	3,534.12	4	3,279.44	4	3,024.44	4	2,769.43	4	2,514.43	4	2,259.42	4	2,004.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,528.98	1/4	3,274.13	1/4	3,019.13	1/4	2,764.12	1/4	2,509.12	1/4	2,254.10	1/4	1,999.10		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,523.84	1/2	3,268.81	1/2	3,013.81	1/2	2,758.81	1/2	2,503.81	1/2	2,248.79	1/2	1,993.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,518.52	3/4	3,263.50	3/4	3,008.50	3/4	2,753.50	3/4	2,498.50	3/4	2,243.48	3/4	1,988.48		
5		5		5		5	3,513.21	5	3,258.19	5	3,003.19	5	2,748.18	5	2,493.18	5	2,238.17	5	1,983.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,507.89	1/4	3,252.88	1/4	2,997.88	1/4	2,742.87	1/4	2,487.87	1/4	2,232.86	1/4	1,977.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,502.57	1/2	3,247.57	1/2	2,992.57	1/2	2,737.55	1/2	2,482.55	1/2	2,227.55	1/2	1,972.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,497.26	3/4	3,242.26	3/4	2,987.26	3/4	2,732.24	3/4	2,477.24	3/4	2,222.24	3/4	1,967.24		
6		6		6		6	3,491.96	6	3,236.94	6	2,981.94	6	2,726.93	6	2,471.93	6	2,216.92	6	1,961.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,486.65	1/4	3,231.63	1/4	2,976.63	1/4	2,721.62	1/4	2,466.62	1/4	2,211.60	1/4	1,956.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,481.34	1/2	3,226.31	1/2	2,971.31	1/2	2,716.31	1/2	2,461.31	1/2	2,206.29	1/2	1,951.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,476.02	3/4	3,221.00	3/4	2,966.00	3/4	2,711.00	3/4	2,456.00	3/4	2,200.98	3/4	1,945.98		
7		7		7		7	3,470.71	7	3,215.69	7	2,960.69	7	2,705.68	7	2,450.68	7	2,195.67	7	1,940.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,465.39	1/4	3,210.38	1/4	2,955.38	1/4	2,700.37	1/4	2,445.37	1/4	2,190.36	1/4	1,935.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,460.07	1/2	3,205.07	1/2	2,950.07	1/2	2,695.05	1/2	2,440.05	1/2	2,185.05	1/2	1,930.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,454.76	3/4	3,199.76	3/4	2,944.76	3/4	2,689.74	3/4	2,434.74	3/4	2,179.74	3/4	1,924.74		
8		8		8		8	3,449.46	8	3,194.44	8	2,939.44	8	2,684.43	8	2,429.43	8	2,174.42	8	1,919.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,444.15	1/4	3,189.13	1/4	2,934.13	1/4	2,679.12	1/4	2,424.12	1/4	2,169.10	1/4	1,914.10		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,438.84	1/2	3,183.81	1/2	2,928.81	1/2	2,673.81	1/2	2,418.81	1/2	2,163.79	1/2	1,908.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,433.52	3/4	3,178.50	3/4	2,923.50	3/4	2,668.50	3/4	2,413.50	3/4	2,158.48	3/4	1,903.48		
9		9		9		9	3,428.21	9	3,173.19	9	2,918.19	9	2,663.18	9	2,408.18	9	2,153.17	9	1,898.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,422.89	1/4	3,167.88	1/4	2,912.88	1/4	2,657.87	1/4	2,402.87	1/4	2,147.86	1/4	1,892.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,417.57	1/2	3,162.57	1/2	2,907.57	1/2	2,652.55	1/2	2,397.55	1/2	2,142.55	1/2	1,887.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,412.26	3/4	3,157.26	3/4	2,902.26	3/4	2,647.24	3/4	2,392.24	3/4	2,137.24	3/4	1,882.24		
10		10		10		10	3,406.96	10	3,151.94	10	2,896.94	10	2,641.93	10	2,386.93	10	2,131.92	10	1,876.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,401.65	1/4	3,146.63	1/4	2,891.63	1/4	2,636.62	1/4	2,381.62	1/4	2,126.60	1/4	1,871.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,396.34	1/2	3,141.31	1/2	2,886.31	1/2	2,631.31	1/2	2,376.31	1/2	2,121.29	1/2	1,866.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,598.86	3/4	3,391.02	3/4	3,136.00	3/4	2,881.00	3/4	2,626.00	3/4	2,371.00	3/4	2,115.98	3/4	1,860.98
11		11		11		11	3,598.24	11	3,385.71	11	3,130.69	11	2,875.69	11	2,620.68	11	2,365.68	11	2,110.67	11	1,855.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,597.00	1/4	3,380.39	1/4	3,125.38	1/4	2,870.38	1/4	2,615.37	1/4	2,360.37	1/4	2,105.36	1/4	1,850.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,595.76	1/2	3,375.07	1/2	3,120.07	1/2	2,865.07	1/2	2,610.05	1/2	2,355.05	1/2	2,100.05	1/2	1,845.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,593.88	3/4	3,369.76	3/4	3,114.76	3/4	2,859.76	3/4	2,604.74	3/4	2,349.74	3/4	2,094.74	3/4	1,839.74

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 STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 20'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 10511"

## 2 CENTER ULLAGE TABLE

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

FORMERLY " DC 733"

GAUGE HEIGHT 17'-03 3/8"

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	1,834.42	0	1,579.41	0	1,324.41	0	1,069.40	0	814.40	0	559.38	0	304.75	0	50.61	0		0	
1/4	1,829.10	1/4	1,574.10	1/4	1,319.10	1/4	1,064.08	1/4	809.08	1/4	554.07	1/4	299.44	1/4	45.34	1/4		1/4	
1/2	1,823.79	1/2	1,568.79	1/2	1,313.79	1/2	1,058.76	1/2	803.76	1/2	548.76	1/2	294.12	1/2	40.07	1/2		1/2	
3/4	1,818.48	3/4	1,563.47	3/4	1,308.47	3/4	1,053.46	3/4	798.46	3/4	543.45	3/4	288.81	3/4	35.33	3/4		3/4	
1	1,813.17	1	1,558.16	1	1,303.16	1	1,048.15	1	793.15	1	538.13	1	283.49	1	30.59	1		1	
1/4	1,807.86	1/4	1,552.84	1/4	1,297.84	1/4	1,042.84	1/4	787.84	1/4	532.82	1/4	278.18	1/4	25.84	1/4		1/4	
1/2	1,802.55	1/2	1,547.53	1/2	1,292.53	1/2	1,037.53	1/2	782.53	1/2	527.50	1/2	272.86	1/2	21.10	1/2		1/2	
3/4	1,797.24	3/4	1,542.22	3/4	1,287.22	3/4	1,032.21	3/4	777.21	3/4	522.19	3/4	267.55	3/4	17.78	3/4		3/4	
2	1,791.92	2	1,536.91	2	1,281.91	2	1,026.90	2	771.90	2	516.88	2	262.24	2	14.46	2		2	
1/4	1,786.60	1/4	1,531.60	1/4	1,276.60	1/4	1,021.58	1/4	766.58	1/4	511.57	1/4	256.93	1/4	11.13	1/4		1/4	
1/2	1,781.29	1/2	1,526.29	1/2	1,271.29	1/2	1,016.26	1/2	761.26	1/2	506.26	1/2	251.62	1/2	7.81	1/2		1/2	
3/4	1,775.98	3/4	1,520.97	3/4	1,265.97	3/4	1,010.96	3/4	755.96	3/4	500.95	3/4	246.31	3/4	6.26	3/4		3/4	
3	1,770.67	3	1,515.66	3	1,260.66	3	1,005.65	3	750.65	3	495.63	3	240.99	3	4.72	3		3	
1/4	1,765.36	1/4	1,510.34	1/4	1,255.34	1/4	1,000.34	1/4	745.34	1/4	490.32	1/4	235.68	1/4	3.17	1/4		1/4	
1/2	1,760.05	1/2	1,505.03	1/2	1,250.03	1/2	995.03	1/2	740.03	1/2	485.00	1/2	230.36	1/2	1.62	1/2		1/2	
3/4	1,754.74	3/4	1,499.72	3/4	1,244.72	3/4	989.71	3/4	734.71	3/4	479.70	3/4	225.05	3/4		3/4		3/4	
4	1,749.42	4	1,494.41	4	1,239.41	4	984.40	4	729.40	4	474.40	4	219.74	4		4		4	
1/4	1,744.10	1/4	1,489.10	1/4	1,234.10	1/4	979.08	1/4	724.08	1/4	469.09	1/4	214.43	1/4		1/4		1/4	
1/2	1,738.79	1/2	1,483.79	1/2	1,228.79	1/2	973.76	1/2	718.76	1/2	463.79	1/2	209.12	1/2		1/2		1/2	
3/4	1,733.47	3/4	1,478.47	3/4	1,223.47	3/4	968.46	3/4	713.46	3/4	458.49	3/4	203.81	3/4		3/4		3/4	
5	1,728.16	5	1,473.16	5	1,218.16	5	963.15	5	708.15	5	453.19	5	198.49	5		5		5	
1/4	1,722.84	1/4	1,467.84	1/4	1,212.84	1/4	957.84	1/4	702.84	1/4	447.90	1/4	193.18	1/4		1/4		1/4	
1/2	1,717.53	1/2	1,462.53	1/2	1,207.53	1/2	952.53	1/2	697.53	1/2	442.60	1/2	187.86	1/2		1/2		1/2	
3/4	1,712.22	3/4	1,457.22	3/4	1,202.21	3/4	947.21	3/4	692.21	3/4	437.30	3/4	182.55	3/4		3/4		3/4	
6	1,706.91	6	1,451.91	6	1,196.90	6	941.90	6	686.90	6	432.00	6	177.24	6		6		6	
1/4	1,701.60	1/4	1,446.60	1/4	1,191.58	1/4	936.58	1/4	681.58	1/4	426.71	1/4	171.93	1/4		1/4		1/4	
1/2	1,696.29	1/2	1,441.29	1/2	1,186.26	1/2	931.26	1/2	676.27	1/2	421.41	1/2	166.62	1/2		1/2		1/2	
3/4	1,690.97	3/4	1,435.97	3/4	1,180.96	3/4	925.96	3/4	670.95	3/4	416.12	3/4	161.34	3/4		3/4		3/4	
7	1,685.66	7	1,430.66	7	1,175.65	7	920.65	7	665.63	7	410.82	7	156.05	7		7		7	
1/4	1,680.34	1/4	1,425.34	1/4	1,170.34	1/4	915.34	1/4	660.32	1/4	405.53	1/4	150.76	1/4		1/4		1/4	
1/2	1,675.03	1/2	1,420.03	1/2	1,165.03	1/2	910.03	1/2	655.00	1/2	400.24	1/2	145.48	1/2		1/2		1/2	
3/4	1,669.72	3/4	1,414.72	3/4	1,159.71	3/4	904.71	3/4	649.69	3/4	394.94	3/4	140.21	3/4		3/4		3/4	
8	1,664.41	8	1,409.41	8	1,154.40	8	899.40	8	644.38	8	389.65	8	134.93	8		8		8	
1/4	1,659.10	1/4	1,404.10	1/4	1,149.08	1/4	894.08	1/4	639.07	1/4	384.35	1/4	129.66	1/4		1/4		1/4	
1/2	1,653.79	1/2	1,398.79	1/2	1,143.76	1/2	888.76	1/2	633.76	1/2	379.05	1/2	124.38	1/2		1/2		1/2	
3/4	1,648.47	3/4	1,393.47	3/4	1,138.46	3/4	883.46	3/4	628.45	3/4	373.75	3/4	119.12	3/4		3/4		3/4	
9	1,643.16	9	1,388.16	9	1,133.15	9	878.15	9	623.13	9	368.46	9	113.85	9		9		9	
1/4	1,637.84	1/4	1,382.84	1/4	1,127.84	1/4	872.84	1/4	617.82	1/4	363.16	1/4	108.58	1/4		1/4		1/4	
1/2	1,632.53	1/2	1,377.53	1/2	1,122.53	1/2	867.53	1/2	612.50	1/2	357.86	1/2	103.31	1/2		1/2		1/2	
3/4	1,627.22	3/4	1,372.22	3/4	1,117.21	3/4	862.21	3/4	607.19	3/4	352.55	3/4	98.04	3/4		3/4		3/4	
10	1,621.91	10	1,366.91	10	1,111.90	10	856.90	10	601.88	10	347.24	10	92.76	10		10		10	
1/4	1,616.60	1/4	1,361.60	1/4	1,106.58	1/4	851.58	1/4	596.57	1/4	341.93	1/4	87.49	1/4		1/4		1/4	
1/2	1,611.29	1/2	1,356.29	1/2	1,101.26	1/2	846.26	1/2	591.26	1/2	336.62	1/2	82.22	1/2		1/2		1/2	
3/4	1,605.97	3/4	1,350.97	3/4	1,095.96	3/4	840.96	3/4	585.95	3/4	331.31	3/4	76.95	3/4		3/4		3/4	
11	1,600.66	11	1,345.66	11	1,090.65	11	835.65	11	580.63	11	326.00	11	71.68	11		11		11	
1/4	1,595.34	1/4	1,340.34	1/4	1,085.34	1/4	830.34	1/4	575.32	1/4	320.69	1/4	66.41	1/4		1/4		1/4	
1/2	1,590.03	1/2	1,335.03	1/2	1,080.03	1/2	825.03	1/2	570.00	1/2	315.38	1/2	61.15	1/2		1/2		1/2	
3/4	1,584.72	3/4	1,329.72	3/4	1,074.71	3/4	819.71	3/4	564.69	3/4	310.07	3/4	55.88	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/05/1992 EWS  
DECK MEASUREMENTS: 03/06/2007 SW CL  
REPRINTED: 03/15/2007 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2007

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



# BARGE "KIRBY 10511"

## 3 CENTER ULLAGE TABLE

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

FORMERLY " DC 733"

GAUGE HEIGHT 17'-03 1/2"

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		IN			
0		0		0		0	3,958.21	0	3,707.49	0	3,426.52	0	3,145.55	0	2,864.58	0	2,583.61	0	2,302.63				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,956.14	1/4	3,701.64	1/4	3,420.67	1/4	3,139.69	1/4	2,858.73	1/4	2,577.76	1/4	2,296.78				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,954.07	1/2	3,695.79	1/2	3,414.81	1/2	3,133.83	1/2	2,852.88	1/2	2,571.90	1/2	2,290.93				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,951.02	3/4	3,689.93	3/4	3,408.96	3/4	3,127.98	3/4	2,847.02	3/4	2,566.05	3/4	2,285.08				
1		1		1		1	3,947.98	1	3,684.08	1	3,403.11	1	3,122.13	1	2,841.17	1	2,560.19	1	2,279.23				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,944.93	1/4	3,678.23	1/4	3,397.26	1/4	3,116.28	1/4	2,835.31	1/4	2,554.33	1/4	2,273.37				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,941.88	1/2	3,672.38	1/2	3,391.40	1/2	3,110.43	1/2	2,829.45	1/2	2,548.48	1/2	2,267.52				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,937.86	3/4	3,666.52	3/4	3,385.55	3/4	3,104.58	3/4	2,823.60	3/4	2,542.62	3/4	2,261.67				
2		2		2		2	3,933.83	2	3,660.67	2	3,379.69	2	3,098.73	2	2,817.75	2	2,536.77	2	2,255.81				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,929.81	1/4	3,654.81	1/4	3,373.83	1/4	3,092.87	1/4	2,811.90	1/4	2,530.92	1/4	2,249.95				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,925.79	1/2	3,648.95	1/2	3,367.98	1/2	3,087.02	1/2	2,806.05	1/2	2,525.07	1/2	2,244.10				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,920.79	3/4	3,643.10	3/4	3,362.12	3/4	3,081.17	3/4	2,800.19	3/4	2,519.22	3/4	2,238.24				
3		3		3		3	3,915.79	3	3,637.25	3	3,356.27	3	3,075.31	3	2,794.33	3	2,513.37	3	2,232.39				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,910.79	1/4	3,631.40	1/4	3,350.42	1/4	3,069.45	1/4	2,788.48	1/4	2,507.52	1/4	2,226.54				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,905.79	1/2	3,625.55	1/2	3,344.57	1/2	3,063.60	1/2	2,782.62	1/2	2,501.67	1/2	2,220.69				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,900.11	3/4	3,619.69	3/4	3,338.72	3/4	3,057.74	3/4	2,776.77	3/4	2,495.81	3/4	2,214.83				
4		4		4		4	3,894.44	4	3,613.83	4	3,332.87	4	3,051.89	4	2,770.92	4	2,489.95	4	2,208.98				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,888.77	1/4	3,607.98	1/4	3,327.02	1/4	3,046.04	1/4	2,765.07	1/4	2,484.10	1/4	2,203.12				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,883.10	1/2	3,602.12	1/2	3,321.17	1/2	3,040.19	1/2	2,759.21	1/2	2,478.24	1/2	2,197.26				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,877.24	3/4	3,596.27	3/4	3,315.31	3/4	3,034.33	3/4	2,753.36	3/4	2,472.39	3/4	2,191.41				
5		5		5		5	3,871.39	5	3,590.42	5	3,309.45	5	3,028.48	5	2,747.51	5	2,466.54	5	2,185.56				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,865.54	1/4	3,584.57	1/4	3,303.60	1/4	3,022.62	1/4	2,741.66	1/4	2,460.68	1/4	2,179.71				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,859.69	1/2	3,578.71	1/2	3,297.74	1/2	3,016.76	1/2	2,735.81	1/2	2,454.83	1/2	2,173.86				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,853.83	3/4	3,572.86	3/4	3,291.89	3/4	3,010.91	3/4	2,729.95	3/4	2,448.98	3/4	2,168.01				
6		6		6		6	3,847.98	6	3,567.01	6	3,286.04	6	3,005.06	6	2,724.10	6	2,443.12	6	2,162.15				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,842.12	1/4	3,561.16	1/4	3,280.18	1/4	2,999.21	1/4	2,718.24	1/4	2,437.26	1/4	2,156.30				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,836.26	1/2	3,555.31	1/2	3,274.33	1/2	2,993.36	1/2	2,712.38	1/2	2,431.40	1/2	2,150.45				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,830.41	3/4	3,549.45	3/4	3,268.48	3/4	2,987.51	3/4	2,706.53	3/4	2,425.55	3/4	2,144.60				
7		7		7		7	3,824.56	7	3,543.60	7	3,262.62	7	2,981.65	7	2,700.68	7	2,419.70	7	2,138.74				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,818.71	1/4	3,537.74	1/4	3,256.76	1/4	2,975.80	1/4	2,694.83	1/4	2,413.85	1/4	2,132.88				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,812.86	1/2	3,531.88	1/2	3,250.90	1/2	2,969.95	1/2	2,688.98	1/2	2,408.00	1/2	2,127.02				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,807.01	3/4	3,526.03	3/4	3,245.05	3/4	2,964.10	3/4	2,683.12	3/4	2,402.15	3/4	2,121.17				
8		8		8		8	3,801.15	8	3,520.18	8	3,239.20	8	2,958.24	8	2,677.26	8	2,396.30	8	2,115.32				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,795.30	1/4	3,514.33	1/4	3,233.35	1/4	2,952.38	1/4	2,671.40	1/4	2,390.45	1/4	2,109.47				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,789.45	1/2	3,508.48	1/2	3,227.50	1/2	2,946.52	1/2	2,665.55	1/2	2,384.60	1/2	2,103.62				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,783.60	3/4	3,502.62	3/4	3,221.65	3/4	2,940.67	3/4	2,659.70	3/4	2,378.74	3/4	2,097.76				
9		9		9		9	3,777.74	9	3,496.76	9	3,215.80	9	2,934.82	9	2,653.85	9	2,372.88	9	2,091.90				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,771.88	1/4	3,490.90	1/4	3,209.95	1/4	2,928.97	1/4	2,647.99	1/4	2,367.02	1/4	2,086.05				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,766.02	1/2	3,485.05	1/2	3,204.10	1/2	2,923.12	1/2	2,642.14	1/2	2,361.17	1/2	2,080.19				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,760.17	3/4	3,479.20	3/4	3,198.24	3/4	2,917.26	3/4	2,636.29	3/4	2,355.32	3/4	2,074.34				
10		10		10		10	3,754.32	10	3,473.35	10	3,192.38	10	2,911.40	10	2,630.44	10	2,349.46	10	2,068.49				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,748.47	1/4	3,467.49	1/4	3,186.52	1/4	2,905.55	1/4	2,624.59	1/4	2,343.61	1/4	2,062.64				
1/2	1/2	1/2	5/8	1/2	3,966.50	1/2	3,742.62	1/2	3,461.64	1/2	3,180.67	1/2	2,899.69	1/2	2,618.74	1/2	2,337.76	1/2	2,056.79				
3/4	3/4	3/4	3/4	3/4	3,965.91	3/4	3,736.76	3/4	3,455.79	3/4	3,174.82	3/4	2,893.84	3/4	2,612.88	3/4	2,331.90	3/4	2,050.93				
11		11		11		11	3,964.72	11	3,730.90	11	3,449.94	11	3,168.96	11	2,887.99	11	2,607.02	11	2,326.05	11	2,045.08		
1/4	1/4	1/4	1/4	1/4	3,963.54	1/4	3,725.05	1/4	3,444.09	1/4	3,163.11	1/4	2,882.14	1/4	2,601.17	1/4	2,320.19	1/4	2,039.23				
1/2	1/2	1/2	1/2	1/2	3,962.36	1/2	3,719.19	1/2	3,438.24	1/2	3,157.26	1/2	2,876.29	1/2	2,595.31	1/2	2,314.33	1/2	2,033.38				
3/4	3/4	3/4	3/4	3/4	3,960.29	3/4	3,713.34	3/4	3,432.38	3/4	3,151.40	3/4	2,870.43	3/4	2,589.46	3/4	2,308.48	3/4	2,027.52				

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 STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 26'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 10511"

## 3 CENTER ULLAGE TABLE

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

FORMERLY " DC 733"

GAUGE HEIGHT 17'-03 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,021.67	0	1,740.69	0	1,459.73	0	1,178.75	0	897.77	0	616.81	0	335.86	0	55.74	0		0	
1/4	2,015.81	1/4	1,734.83	1/4	1,453.87	1/4	1,172.90	1/4	891.92	1/4	610.95	1/4	330.00	1/4	49.93	1/4		1/4	
1/2	2,009.95	1/2	1,728.98	1/2	1,448.02	1/2	1,167.05	1/2	886.07	1/2	605.10	1/2	324.14	1/2	44.12	1/2		1/2	
3/4	2,004.10	3/4	1,723.12	3/4	1,442.17	3/4	1,161.19	3/4	880.22	3/4	599.24	3/4	318.29	3/4	38.89	3/4		3/4	
1	1,998.25	1	1,717.27	1	1,436.31	1	1,155.33	1	874.37	1	593.39	1	312.44	1	33.67	1		1	
1/4	1,992.40	1/4	1,711.42	1/4	1,430.45	1/4	1,149.48	1/4	868.52	1/4	587.54	1/4	306.59	1/4	28.44	1/4		1/4	
1/2	1,986.55	1/2	1,705.57	1/2	1,424.60	1/2	1,143.62	1/2	862.67	1/2	581.69	1/2	300.74	1/2	23.21	1/2		1/2	
3/4	1,980.69	3/4	1,699.72	3/4	1,418.74	3/4	1,137.77	3/4	856.81	3/4	575.84	3/4	294.88	3/4	19.55	3/4		3/4	
2	1,974.83	2	1,693.87	2	1,412.89	2	1,131.92	2	850.95	2	569.99	2	289.02	2	15.89	2		2	
1/4	1,968.98	1/4	1,688.02	1/4	1,407.04	1/4	1,126.07	1/4	845.10	1/4	564.14	1/4	283.17	1/4	12.23	1/4		1/4	
1/2	1,963.12	1/2	1,682.17	1/2	1,401.19	1/2	1,120.21	1/2	839.24	1/2	558.29	1/2	277.31	1/2	8.57	1/2		1/2	
3/4	1,957.27	3/4	1,676.31	3/4	1,395.33	3/4	1,114.36	3/4	833.39	3/4	552.43	3/4	271.46	3/4	6.86	3/4		3/4	
3	1,951.42	3	1,670.45	3	1,389.48	3	1,108.51	3	827.54	3	546.57	3	265.61	3	5.15	3		3	
1/4	1,945.57	1/4	1,664.60	1/4	1,383.62	1/4	1,102.66	1/4	821.68	1/4	540.71	1/4	259.76	1/4	3.45	1/4		1/4	
1/2	1,939.71	1/2	1,658.74	1/2	1,377.76	1/2	1,096.81	1/2	815.83	1/2	534.86	1/2	253.90	1/2	1.74	1/2		1/2	
3/4	1,933.86	3/4	1,652.89	3/4	1,371.91	3/4	1,090.95	3/4	809.98	3/4	529.01	3/4	248.05	3/4		3/4		3/4	
4	1,928.01	4	1,647.04	4	1,366.06	4	1,085.10	4	804.12	4	523.15	4	242.20	4		4		4	
1/4	1,922.16	1/4	1,641.18	1/4	1,360.21	1/4	1,079.24	1/4	798.26	1/4	517.30	1/4	236.35	1/4		1/4		1/4	
1/2	1,916.31	1/2	1,635.33	1/2	1,354.36	1/2	1,073.38	1/2	792.40	1/2	511.45	1/2	230.50	1/2		1/2		1/2	
3/4	1,910.45	3/4	1,629.48	3/4	1,348.51	3/4	1,067.53	3/4	786.55	3/4	505.60	3/4	224.64	3/4		3/4		3/4	
5	1,904.60	5	1,623.62	5	1,342.65	5	1,061.68	5	780.70	5	499.75	5	218.79	5		5		5	
1/4	1,898.74	1/4	1,617.76	1/4	1,336.80	1/4	1,055.83	1/4	774.85	1/4	493.90	1/4	212.93	1/4		1/4		1/4	
1/2	1,892.88	1/2	1,611.90	1/2	1,330.95	1/2	1,049.98	1/2	769.00	1/2	488.05	1/2	207.07	1/2		1/2		1/2	
3/4	1,887.03	3/4	1,606.05	3/4	1,325.10	3/4	1,044.12	3/4	763.15	3/4	482.19	3/4	201.22	3/4		3/4		3/4	
6	1,881.18	6	1,600.20	6	1,319.24	6	1,038.26	6	757.30	6	476.33	6	195.37	6		6		6	
1/4	1,875.33	1/4	1,594.35	1/4	1,313.38	1/4	1,032.40	1/4	751.45	1/4	470.48	1/4	189.52	1/4		1/4		1/4	
1/2	1,869.48	1/2	1,588.50	1/2	1,307.52	1/2	1,026.55	1/2	745.60	1/2	464.62	1/2	183.67	1/2		1/2		1/2	
3/4	1,863.62	3/4	1,582.65	3/4	1,301.67	3/4	1,020.70	3/4	739.74	3/4	458.77	3/4	177.84	3/4		3/4		3/4	
7	1,857.76	7	1,576.80	7	1,295.82	7	1,014.85	7	733.88	7	452.92	7	172.01	7		7		7	
1/4	1,851.90	1/4	1,570.95	1/4	1,289.97	1/4	1,008.99	1/4	728.02	1/4	447.07	1/4	166.18	1/4		1/4		1/4	
1/2	1,846.05	1/2	1,565.10	1/2	1,284.12	1/2	1,003.14	1/2	722.17	1/2	441.21	1/2	160.36	1/2		1/2		1/2	
3/4	1,840.20	3/4	1,559.24	3/4	1,278.26	3/4	997.29	3/4	716.32	3/4	435.36	3/4	154.54	3/4		3/4		3/4	
8	1,834.35	8	1,553.38	8	1,272.40	8	991.44	8	710.46	8	429.51	8	148.73	8		8		8	
1/4	1,828.49	1/4	1,547.52	1/4	1,266.55	1/4	985.59	1/4	704.61	1/4	423.66	1/4	142.91	1/4		1/4		1/4	
1/2	1,822.64	1/2	1,541.67	1/2	1,260.69	1/2	979.74	1/2	698.76	1/2	417.81	1/2	137.09	1/2		1/2		1/2	
3/4	1,816.79	3/4	1,535.82	3/4	1,254.84	3/4	973.88	3/4	692.90	3/4	411.95	3/4	131.29	3/4		3/4		3/4	
9	1,810.94	9	1,529.96	9	1,248.99	9	968.02	9	687.05	9	406.10	9	125.48	9		9		9	
1/4	1,805.09	1/4	1,524.11	1/4	1,243.14	1/4	962.17	1/4	681.19	1/4	400.24	1/4	119.67	1/4		1/4		1/4	
1/2	1,799.24	1/2	1,518.26	1/2	1,237.29	1/2	956.31	1/2	675.33	1/2	394.38	1/2	113.86	1/2		1/2		1/2	
3/4	1,793.38	3/4	1,512.40	3/4	1,231.43	3/4	950.46	3/4	669.48	3/4	388.53	3/4	108.05	3/4		3/4		3/4	
10	1,787.52	10	1,506.55	10	1,225.58	10	944.61	10	663.63	10	382.68	10	102.24	10		10		10	
1/4	1,781.67	1/4	1,500.69	1/4	1,219.73	1/4	938.76	1/4	657.78	1/4	376.83	1/4	96.43	1/4		1/4		1/4	
1/2	1,775.81	1/2	1,494.83	1/2	1,213.88	1/2	932.90	1/2	651.93	1/2	370.98	1/2	90.62	1/2		1/2		1/2	
3/4	1,769.96	3/4	1,488.98	3/4	1,208.02	3/4	927.05	3/4	646.08	3/4	365.12	3/4	84.80	3/4		3/4		3/4	
11	1,764.11	11	1,483.13	11	1,202.17	11	921.19	11	640.23	11	359.27	11	78.99	11		11		11	
1/4	1,758.26	1/4	1,477.28	1/4	1,196.31	1/4	915.33	1/4	634.37	1/4	353.42	1/4	73.17	1/4		1/4		1/4	
1/2	1,752.40	1/2	1,471.43	1/2	1,190.45	1/2	909.48	1/2	628.52	1/2	347.57	1/2	67.36	1/2		1/2		1/2	
3/4	1,746.55	3/4	1,465.58	3/4	1,184.60	3/4	903.62	3/4	622.67	3/4	341.71	3/4	61.55	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/05/1992 EWS  
DECK MEASUREMENTS: 03/06/2007 SW CL  
REPRINTED: 03/15/2007 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2007

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