



BARGE "KIRBY 10085"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4'

LENGTH BETWEEN DRAFT MARKS: 163'-06"

February 25, 2010

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

<http://www.pmacorp.net>



BARGE "KIRBY 10085"

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	3,786.56	0	3,553.93	0	3,301.53	0	3,049.14	0	2,790.98	0	2,495.23	0	2,198.79
1/4		1/4		1/4		1/4	3,785.53	1/4	3,548.67	1/4	3,296.28	1/4	3,043.88	1/4	2,784.82	1/4	2,489.06	1/4	2,192.61
1/2		1/2		1/2		1/2	3,784.50	1/2	3,543.42	1/2	3,291.02	1/2	3,038.62	1/2	2,778.66	1/2	2,482.88	1/2	2,186.43
3/4		3/4		3/4		3/4	3,781.40	3/4	3,538.16	3/4	3,285.76	3/4	3,033.36	3/4	2,772.51	3/4	2,476.71	3/4	2,180.26
1		1		1		1	3,778.30	1	3,532.90	1	3,280.50	1	3,028.10	1	2,766.35	1	2,470.53	1	2,174.08
1/4		1/4		1/4		1/4	3,775.19	1/4	3,527.64	1/4	3,275.24	1/4	3,022.84	1/4	2,760.19	1/4	2,464.35	1/4	2,167.91
1/2		1/2		1/2		1/2	3,772.09	1/2	3,522.38	1/2	3,269.98	1/2	3,017.59	1/2	2,754.03	1/2	2,458.18	1/2	2,161.73
3/4		3/4		3/4		3/4	3,766.93	3/4	3,517.12	3/4	3,264.73	3/4	3,012.33	3/4	2,747.88	3/4	2,452.00	3/4	2,155.55
2		2		2		2	3,761.76	2	3,511.87	2	3,259.47	2	3,007.07	2	2,741.72	2	2,445.83	2	2,149.38
1/4		1/4		1/4		1/4	3,756.60	1/4	3,506.61	1/4	3,254.21	1/4	3,001.81	1/4	2,735.56	1/4	2,439.65	1/4	2,143.20
1/2		1/2		1/2		1/2	3,751.43	1/2	3,501.35	1/2	3,248.95	1/2	2,996.55	1/2	2,729.40	1/2	2,433.47	1/2	2,137.03
3/4		3/4		3/4		3/4	3,746.31	3/4	3,496.09	3/4	3,243.69	3/4	2,991.29	3/4	2,723.25	3/4	2,427.30	3/4	2,130.85
3		3		3		3	3,741.18	3	3,490.83	3	3,238.43	3	2,986.04	3	2,717.09	3	2,421.12	3	2,124.67
1/4		1/4		1/4		1/4	3,736.06	1/4	3,485.57	1/4	3,233.18	1/4	2,980.78	1/4	2,710.93	1/4	2,414.95	1/4	2,118.50
1/2		1/2		1/2		1/2	3,730.94	1/2	3,480.32	1/2	3,227.92	1/2	2,975.52	1/2	2,704.77	1/2	2,408.77	1/2	2,112.32
3/4		3/4		3/4		3/4	3,725.78	3/4	3,475.06	3/4	3,222.66	3/4	2,970.26	3/4	2,698.62	3/4	2,402.59	3/4	2,106.15
4		4		4		4	3,720.62	4	3,469.80	4	3,217.40	4	2,965.00	4	2,692.46	4	2,396.42	4	2,099.97
1/4		1/4		1/4		1/4	3,715.46	1/4	3,464.54	1/4	3,212.14	1/4	2,959.74	1/4	2,686.30	1/4	2,390.24	1/4	2,093.79
1/2		1/2		1/2		1/2	3,710.30	1/2	3,459.28	1/2	3,206.88	1/2	2,954.49	1/2	2,680.14	1/2	2,384.07	1/2	2,087.62
3/4		3/4		3/4		3/4	3,705.13	3/4	3,454.02	3/4	3,201.63	3/4	2,949.23	3/4	2,673.99	3/4	2,377.89	3/4	2,081.44
5		5		5		5	3,699.95	5	3,448.77	5	3,196.37	5	2,943.97	5	2,667.83	5	2,371.71	5	2,075.27
1/4		1/4		1/4		1/4	3,694.78	1/4	3,443.51	1/4	3,191.11	1/4	2,938.71	1/4	2,661.67	1/4	2,365.54	1/4	2,069.09
1/2		1/2		1/2		1/2	3,689.60	1/2	3,438.25	1/2	3,185.85	1/2	2,933.45	1/2	2,655.51	1/2	2,359.36	1/2	2,062.91
3/4		3/4		3/4		3/4	3,684.43	3/4	3,432.99	3/4	3,180.59	3/4	2,928.19	3/4	2,649.36	3/4	2,353.19	3/4	2,056.74
6		6		6		6	3,679.26	6	3,427.73	6	3,175.33	6	2,922.94	6	2,643.20	6	2,347.01	6	2,050.56
1/4		1/4		1/4		1/4	3,674.08	1/4	3,422.47	1/4	3,170.08	1/4	2,917.68	1/4	2,637.04	1/4	2,340.83	1/4	2,044.39
1/2		1/2		1/2		1/2	3,668.91	1/2	3,417.22	1/2	3,164.82	1/2	2,912.42	1/2	2,630.88	1/2	2,334.66	1/2	2,038.21
3/4		3/4		3/4		3/4	3,663.74	3/4	3,411.96	3/4	3,159.56	3/4	2,907.16	3/4	2,624.73	3/4	2,328.48	3/4	2,032.03
7		7		7		7	3,658.57	7	3,406.70	7	3,154.30	7	2,901.90	7	2,618.57	7	2,322.31	7	2,025.86
1/4		1/4		1/4		1/4	3,653.40	1/4	3,401.44	1/4	3,149.04	1/4	2,896.64	1/4	2,612.41	1/4	2,316.13	1/4	2,019.68
1/2		1/2		1/2		1/2	3,648.23	1/2	3,396.18	1/2	3,143.78	1/2	2,891.39	1/2	2,606.25	1/2	2,309.95	1/2	2,013.51
3/4		3/4		3/4		3/4	3,643.06	3/4	3,390.92	3/4	3,138.53	3/4	2,886.13	3/4	2,600.10	3/4	2,303.78	3/4	2,007.33
8		8		8		8	3,637.89	8	3,385.67	8	3,133.27	8	2,880.87	8	2,593.94	8	2,297.60	8	2,001.15
1/4		1/4		1/4		1/4	3,632.72	1/4	3,380.41	1/4	3,128.01	1/4	2,875.61	1/4	2,587.78	1/4	2,291.43	1/4	1,994.98
1/2		1/2		1/2		1/2	3,627.55	1/2	3,375.15	1/2	3,122.75	1/2	2,870.35	1/2	2,581.62	1/2	2,285.25	1/2	1,988.80
3/4		3/4		3/4		3/4	3,622.29	3/4	3,369.89	3/4	3,117.49	3/4	2,865.07	3/4	2,575.47	3/4	2,279.07	3/4	1,982.63
9		9		9		9	3,617.03	9	3,364.63	9	3,112.23	9	2,859.79	9	2,569.31	9	2,272.90	9	1,976.45
1/4		1/4		1/4		1/4	3,611.77	1/4	3,359.37	1/4	3,106.98	1/4	2,854.50	1/4	2,563.15	1/4	2,266.72	1/4	1,970.27
1/2		1/2		1/2		1/2	3,606.51	1/2	3,354.12	1/2	3,101.72	1/2	2,849.22	1/2	2,556.99	1/2	2,260.55	1/2	1,964.10
3/4		3/4		3/4		3/4	3,601.26	3/4	3,348.86	3/4	3,096.46	3/4	2,843.94	3/4	2,550.82	3/4	2,254.37	3/4	1,957.92
10		10		10		10	3,596.00	10	3,343.60	10	3,091.20	10	2,838.65	10	2,544.64	10	2,248.19	10	1,951.75
1/4		1/4		1/4		1/4	3,590.74	1/4	3,338.34	1/4	3,085.94	1/4	2,833.37	1/4	2,538.47	1/4	2,242.02	1/4	1,945.57
1/2		1/2		1/2		1/2	3,585.48	1/2	3,333.08	1/2	3,080.68	1/2	2,828.09	1/2	2,532.29	1/2	2,235.84	1/2	1,939.39
3/4		3/4		3/4		3/4	3,580.22	3/4	3,327.83	3/4	3,075.43	3/4	2,821.89	3/4	2,526.11	3/4	2,229.67	3/4	1,933.22
11		11		11		11	3,574.97	11	3,322.57	11	3,070.17	11	2,815.69	11	2,519.94	11	2,223.49	11	1,927.04
1/4		1/4		1/4		1/4	3,569.71	1/4	3,317.31	1/4	3,064.91	1/4	2,809.49	1/4	2,513.76	1/4	2,217.31	1/4	1,920.87
1/2		1/2		1/2		1/2	3,788.63	1/2	3,564.45	1/2	3,312.05	1/2	3,059.65	1/2	2,803.29	1/2	2,211.14	1/2	1,914.69
3/4		3/4		3/4		3/4	3,787.60	3/4	3,559.19	3/4	3,306.79	3/4	3,054.39	3/4	2,797.14	3/4	2,204.96	3/4	1,908.51

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 31'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "KIRBY 10085"

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	1,902.34	0	1,605.66	0	1,308.81	0	1,011.94	0	720.93	0	424.14	0	127.07	0		0			
1/4	1,896.16	1/4	1,599.48	1/4	1,302.62	1/4	1,005.76	1/4	714.84	1/4	417.95	1/4	120.88	1/4		1/4			
1/2	1,889.99	1/2	1,593.30	1/2	1,296.44	1/2	999.58	1/2	708.75	1/2	411.76	1/2	114.70	1/2		1/2			
3/4	1,883.81	3/4	1,587.11	3/4	1,290.25	3/4	993.39	3/4	702.58	3/4	405.57	3/4	108.54	3/4		3/4			
1	1,877.63	1	1,580.93	1	1,284.07	1	987.21	1	696.41	1	399.38	1	102.38	1		1			
1/4	1,871.46	1/4	1,574.74	1/4	1,277.88	1/4	981.02	1/4	690.24	1/4	393.19	1/4	96.22	1/4		1/4			
1/2	1,865.28	1/2	1,568.56	1/2	1,271.70	1/2	974.84	1/2	684.07	1/2	387.01	1/2	90.06	1/2		1/2			
3/4	1,859.11	3/4	1,562.37	3/4	1,265.51	3/4	968.72	3/4	677.88	3/4	380.82	3/4	83.93	3/4		3/4			
2	1,852.93	2	1,556.19	2	1,259.33	2	962.59	2	671.69	2	374.63	2	77.80	2		2			
1/4	1,846.75	1/4	1,550.01	1/4	1,253.14	1/4	956.47	1/4	665.50	1/4	368.44	1/4	71.67	1/4		1/4			
1/2	1,840.58	1/2	1,543.82	1/2	1,246.96	1/2	950.35	1/2	659.32	1/2	362.25	1/2	65.54	1/2		1/2			
3/4	1,834.40	3/4	1,537.64	3/4	1,240.78	3/4	944.29	3/4	653.13	3/4	356.06	3/4	59.47	3/4		3/4			
3	1,828.23	3	1,531.45	3	1,234.59	3	938.23	3	646.94	3	349.87	3	53.40	3		3			
1/4	1,822.05	1/4	1,525.27	1/4	1,228.41	1/4	932.17	1/4	640.75	1/4	343.68	1/4	47.32	1/4		1/4			
1/2	1,815.87	1/2	1,519.08	1/2	1,222.22	1/2	926.12	1/2	634.56	1/2	337.49	1/2	41.25	1/2		1/2			
3/4	1,809.69	3/4	1,512.90	3/4	1,216.04	3/4	920.06	3/4	628.37	3/4	331.31	3/4	36.09	3/4		3/4			
4	1,803.50	4	1,506.71	4	1,209.85	4	914.00	4	622.18	4	325.12	4	30.94	4		4			
1/4	1,797.32	1/4	1,500.53	1/4	1,203.67	1/4	907.94	1/4	615.99	1/4	318.93	1/4	25.78	1/4		1/4			
1/2	1,791.14	1/2	1,494.34	1/2	1,197.48	1/2	901.88	1/2	609.81	1/2	312.74	1/2	20.62	1/2		1/2			
3/4	1,784.95	3/4	1,488.16	3/4	1,191.30	3/4	895.84	3/4	603.62	3/4	306.55	3/4	17.52	3/4		3/4			
5	1,778.77	5	1,481.97	5	1,185.11	5	889.80	5	597.43	5	300.36	5	14.42	5		5			
1/4	1,772.58	1/4	1,475.79	1/4	1,178.93	1/4	883.76	1/4	591.24	1/4	294.17	1/4	11.32	1/4		1/4			
1/2	1,766.40	1/2	1,469.61	1/2	1,172.74	1/2	877.72	1/2	585.05	1/2	287.98	1/2	8.22	1/2		1/2			
3/4	1,760.21	3/4	1,463.42	3/4	1,166.56	3/4	871.69	3/4	578.86	3/4	281.79	3/4	7.19	3/4		3/4			
6	1,754.03	6	1,457.24	6	1,160.38	6	865.67	6	572.67	6	275.61	6	6.15	6		6			
1/4	1,747.84	1/4	1,451.05	1/4	1,154.19	1/4	859.64	1/4	566.48	1/4	269.42	1/4	5.12	1/4		1/4			
1/2	1,741.66	1/2	1,444.87	1/2	1,148.01	1/2	853.62	1/2	560.29	1/2	263.23	1/2	4.09	1/2		1/2			
3/4	1,735.48	3/4	1,438.68	3/4	1,141.82	3/4	847.59	3/4	554.11	3/4	257.04	3/4		3/4		3/4			
7	1,729.29	7	1,432.50	7	1,135.64	7	841.57	7	547.92	7	250.85	7		7		7			
1/4	1,723.11	1/4	1,426.31	1/4	1,129.45	1/4	835.54	1/4	541.73	1/4	244.66	1/4		1/4		1/4			
1/2	1,716.93	1/2	1,420.13	1/2	1,123.27	1/2	829.52	1/2	535.54	1/2	238.47	1/2		1/2		1/2			
3/4	1,710.75	3/4	1,413.94	3/4	1,117.08	3/4	823.49	3/4	529.35	3/4	232.28	3/4		3/4		3/4			
8	1,704.56	8	1,407.76	8	1,110.90	8	817.46	8	523.16	8	226.09	8		8		8			
1/4	1,698.38	1/4	1,401.57	1/4	1,104.71	1/4	811.44	1/4	516.97	1/4	219.91	1/4		1/4		1/4			
1/2	1,692.20	1/2	1,395.39	1/2	1,098.53	1/2	805.41	1/2	510.78	1/2	213.72	1/2		1/2		1/2			
3/4	1,686.02	3/4	1,389.21	3/4	1,092.34	3/4	799.39	3/4	504.59	3/4	207.53	3/4		3/4		3/4			
9	1,679.84	9	1,383.02	9	1,086.16	9	793.36	9	498.41	9	201.34	9		9		9			
1/4	1,673.66	1/4	1,376.84	1/4	1,079.98	1/4	787.34	1/4	492.22	1/4	195.15	1/4		1/4		1/4			
1/2	1,667.48	1/2	1,370.65	1/2	1,073.79	1/2	781.31	1/2	486.03	1/2	188.96	1/2		1/2		1/2			
3/4	1,661.29	3/4	1,364.47	3/4	1,067.61	3/4	775.29	3/4	479.84	3/4	182.77	3/4		3/4		3/4			
10	1,655.11	10	1,358.28	10	1,061.42	10	769.26	10	473.65	10	176.58	10		10		10			
1/4	1,648.93	1/4	1,352.10	1/4	1,055.24	1/4	763.24	1/4	467.46	1/4	170.40	1/4		1/4		1/4			
1/2	1,642.75	1/2	1,345.91	1/2	1,049.05	1/2	757.21	1/2	461.27	1/2	164.21	1/2		1/2		1/2			
3/4	1,636.57	3/4	1,339.73	3/4	1,042.87	3/4	751.19	3/4	455.08	3/4	158.01	3/4		3/4		3/4			
11	1,630.39	11	1,333.54	11	1,036.68	11	745.16	11	448.89	11	151.82	11		11		11			
1/4	1,624.20	1/4	1,327.36	1/4	1,030.50	1/4	739.13	1/4	442.71	1/4	145.62	1/4		1/4		1/4			
1/2	1,618.02	1/2	1,321.17	1/2	1,024.31	1/2	733.11	1/2	436.52	1/2	139.43	1/2		1/2		1/2			
3/4	1,611.84	3/4	1,314.99	3/4	1,018.13	3/4	727.02	3/4	430.33	3/4	133.25	3/4		3/4		3/4			

STRAPPED: 02/25/2010 CL - SW
CALCULATED: 02/25/2010 CL
PRINTED: 02/25/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2010

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 10085"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

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	3,493.97	0	3,258.23	0	2,996.49	0	2,734.75	0	2,472.59	0	2,209.44	0	1,946.29		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,493.06	1/4	3,252.78	1/4	2,991.04	1/4	2,729.29	1/4	2,467.11	1/4	2,203.96	1/4	1,940.81		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,492.14	1/2	3,247.33	1/2	2,985.58	1/2	2,723.84	1/2	2,461.63	1/2	2,198.48	1/2	1,935.33		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,489.40	3/4	3,241.87	3/4	2,980.13	3/4	2,718.39	3/4	2,456.14	3/4	2,192.99	3/4	1,929.84		
1		1		1		1	3,486.66	1	3,236.42	1	2,974.68	1	2,712.93	1	2,450.66	1	2,187.51	1	1,924.36		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,483.91	1/4	3,230.97	1/4	2,969.22	1/4	2,707.48	1/4	2,445.18	1/4	2,182.03	1/4	1,918.88		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,481.17	1/2	3,225.52	1/2	2,963.77	1/2	2,702.03	1/2	2,439.70	1/2	2,176.55	1/2	1,913.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,476.60	3/4	3,220.06	3/4	2,958.32	3/4	2,696.57	3/4	2,434.21	3/4	2,171.06	3/4	1,907.91		
2		2		2		2	3,472.03	2	3,214.61	2	2,952.87	2	2,691.12	2	2,428.73	2	2,165.58	2	1,902.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,467.46	1/4	3,209.16	1/4	2,947.41	1/4	2,685.67	1/4	2,423.25	1/4	2,160.10	1/4	1,896.95		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,462.89	1/2	3,203.70	1/2	2,941.96	1/2	2,680.22	1/2	2,417.77	1/2	2,154.62	1/2	1,891.47		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,457.58	3/4	3,198.25	3/4	2,936.51	3/4	2,674.76	3/4	2,412.29	3/4	2,149.14	3/4	1,885.98		
3		3		3		3	3,452.27	3	3,192.80	3	2,931.05	3	2,669.31	3	2,406.80	3	2,143.65	3	1,880.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,446.95	1/4	3,187.34	1/4	2,925.60	1/4	2,663.86	1/4	2,401.32	1/4	2,138.17	1/4	1,875.02		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,441.64	1/2	3,181.89	1/2	2,920.15	1/2	2,658.40	1/2	2,395.84	1/2	2,132.69	1/2	1,869.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,436.29	3/4	3,176.44	3/4	2,914.69	3/4	2,652.95	3/4	2,390.36	3/4	2,127.21	3/4	1,864.06		
4		4		4		4	3,430.95	4	3,170.99	4	2,909.24	4	2,647.50	4	2,384.87	4	2,121.72	4	1,858.57		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,425.60	1/4	3,165.53	1/4	2,903.79	1/4	2,642.04	1/4	2,379.39	1/4	2,116.24	1/4	1,853.09		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,420.26	1/2	3,160.08	1/2	2,898.34	1/2	2,636.59	1/2	2,373.91	1/2	2,110.76	1/2	1,847.61		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,414.90	3/4	3,154.63	3/4	2,892.88	3/4	2,631.14	3/4	2,368.43	3/4	2,105.28	3/4	1,842.13		
5		5		5		5	3,409.55	5	3,149.17	5	2,887.43	5	2,625.69	5	2,362.95	5	2,099.79	5	1,836.64		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,404.19	1/4	3,143.72	1/4	2,881.98	1/4	2,620.23	1/4	2,357.46	1/4	2,094.31	1/4	1,831.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,398.83	1/2	3,138.27	1/2	2,876.52	1/2	2,614.78	1/2	2,351.98	1/2	2,088.83	1/2	1,825.68		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,393.48	3/4	3,132.81	3/4	2,871.07	3/4	2,609.33	3/4	2,346.50	3/4	2,083.35	3/4	1,820.20		
6		6		6		6	3,388.12	6	3,127.36	6	2,865.62	6	2,603.87	6	2,341.02	6	2,077.87	6	1,814.72		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,382.76	1/4	3,121.91	1/4	2,860.16	1/4	2,598.42	1/4	2,335.53	1/4	2,072.38	1/4	1,809.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,377.40	1/2	3,116.46	1/2	2,854.71	1/2	2,592.97	1/2	2,330.05	1/2	2,066.90	1/2	1,803.75		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,372.05	3/4	3,111.00	3/4	2,849.26	3/4	2,587.51	3/4	2,324.57	3/4	2,061.42	3/4	1,798.27		
7		7		7		7	3,366.70	7	3,105.55	7	2,843.81	7	2,582.06	7	2,319.09	7	2,055.94	7	1,792.79		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,361.34	1/4	3,100.10	1/4	2,838.35	1/4	2,576.61	1/4	2,313.60	1/4	2,050.45	1/4	1,787.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,355.99	1/2	3,094.64	1/2	2,832.90	1/2	2,571.16	1/2	2,308.12	1/2	2,044.97	1/2	1,781.82		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,350.64	3/4	3,089.19	3/4	2,827.45	3/4	2,565.70	3/4	2,302.64	3/4	2,039.49	3/4	1,776.34		
8		8		8		8	3,345.28	8	3,083.74	8	2,821.99	8	2,560.25	8	2,297.16	8	2,034.01	8	1,770.86		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,339.93	1/4	3,078.28	1/4	2,816.54	1/4	2,554.80	1/4	2,291.68	1/4	2,028.52	1/4	1,765.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,334.58	1/2	3,072.83	1/2	2,811.09	1/2	2,549.34	1/2	2,286.19	1/2	2,023.04	1/2	1,759.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,329.12	3/4	3,067.38	3/4	2,805.63	3/4	2,543.86	3/4	2,280.71	3/4	2,017.56	3/4	1,754.41		
9		9		9		9	3,323.67	9	3,061.93	9	2,800.18	9	2,538.38	9	2,275.23	9	2,012.08	9	1,748.93		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,318.22	1/4	3,056.47	1/4	2,794.73	1/4	2,532.90	1/4	2,269.75	1/4	2,006.60	1/4	1,743.45		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,312.76	1/2	3,051.02	1/2	2,789.28	1/2	2,527.41	1/2	2,264.26	1/2	2,001.11	1/2	1,737.96		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,307.31	3/4	3,045.57	3/4	2,783.82	3/4	2,521.93	3/4	2,258.78	3/4	1,995.63	3/4	1,732.48		
10		10		10		10	3,301.86	10	3,040.11	10	2,778.37	10	2,516.45	10	2,253.30	10	1,990.15	10	1,727.00		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,296.40	1/4	3,034.66	1/4	2,772.92	1/4	2,510.97	1/4	2,247.82	1/4	1,984.67	1/4	1,721.52		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,290.95	1/2	3,029.21	1/2	2,767.46	1/2	2,505.48	1/2	2,242.33	1/2	1,979.18	1/2	1,716.03		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,285.50	3/4	3,023.75	3/4	2,762.01	3/4	2,500.00	3/4	2,236.85	3/4	1,973.70	3/4	1,710.55		
11		11		11		11	3,280.05	11	3,018.30	11	2,756.56	11	2,494.52	11	2,231.37	11	1,968.22	11	1,705.07		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,274.59	1/4	3,012.85	1/4	2,751.10	1/4	2,489.04	1/4	2,225.89	1/4	1,962.74	1/4	1,699.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,495.80	1/2	3,269.14	1/2	3,007.40	1/2	2,745.65	1/2	2,483.56	1/2	2,220.41	1/2	1,957.25	1/2	1,694.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,494.89	3/4	3,263.69	3/4	3,001.94	3/4	2,740.20	3/4	2,478.07	3/4	2,214.92	3/4	1,951.77	3/4	1,688.62

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
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BARGE "KIRBY 10085"

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	1,683.14	0	1,419.99	0	1,156.68	0	895.07	0	635.92	0	372.71	0	109.47	0		0		0	
1/4	1,677.66	1/4	1,414.51	1/4	1,151.20	1/4	889.66	1/4	630.48	1/4	367.23	1/4	104.00	1/4		1/4		1/4	
1/2	1,672.18	1/2	1,409.02	1/2	1,145.71	1/2	884.26	1/2	625.03	1/2	361.74	1/2	98.53	1/2		1/2		1/2	
3/4	1,666.69	3/4	1,403.54	3/4	1,140.23	3/4	878.86	3/4	619.55	3/4	356.26	3/4	93.08	3/4		3/4		3/4	
1	1,661.21	1	1,398.05	1	1,134.74	1	873.46	1	614.07	1	350.77	1	87.63	1		1		1	
1/4	1,655.73	1/4	1,392.57	1/4	1,129.25	1/4	868.06	1/4	608.58	1/4	345.29	1/4	82.18	1/4		1/4		1/4	
1/2	1,650.25	1/2	1,387.08	1/2	1,123.77	1/2	862.66	1/2	603.10	1/2	339.80	1/2	76.73	1/2		1/2		1/2	
3/4	1,644.76	3/4	1,381.60	3/4	1,118.28	3/4	857.26	3/4	597.61	3/4	334.31	3/4	71.31	3/4		3/4		3/4	
2	1,639.28	2	1,376.11	2	1,112.80	2	851.86	2	592.13	2	328.83	2	65.89	2		2		2	
1/4	1,633.80	1/4	1,370.62	1/4	1,107.31	1/4	846.46	1/4	586.64	1/4	323.34	1/4	60.47	1/4		1/4		1/4	
1/2	1,628.32	1/2	1,365.14	1/2	1,101.83	1/2	841.06	1/2	581.16	1/2	317.86	1/2	55.05	1/2		1/2		1/2	
3/4	1,622.83	3/4	1,359.65	3/4	1,096.34	3/4	835.66	3/4	575.67	3/4	312.37	3/4	49.67	3/4		3/4		3/4	
3	1,617.35	3	1,354.17	3	1,090.85	3	830.26	3	570.19	3	306.89	3	44.30	3		3		3	
1/4	1,611.87	1/4	1,348.68	1/4	1,085.37	1/4	824.85	1/4	564.70	1/4	301.40	1/4	38.93	1/4		1/4		1/4	
1/2	1,606.39	1/2	1,343.20	1/2	1,079.88	1/2	819.45	1/2	559.22	1/2	295.92	1/2	33.56	1/2		1/2		1/2	
3/4	1,600.91	3/4	1,337.71	3/4	1,074.40	3/4	814.06	3/4	553.73	3/4	290.43	3/4	28.99	3/4		3/4		3/4	
4	1,595.42	4	1,332.23	4	1,068.91	4	808.66	4	548.25	4	284.95	4	24.43	4		4		4	
1/4	1,589.94	1/4	1,326.74	1/4	1,063.43	1/4	803.27	1/4	542.76	1/4	279.46	1/4	19.87	1/4		1/4		1/4	
1/2	1,584.46	1/2	1,321.25	1/2	1,057.94	1/2	797.87	1/2	537.27	1/2	273.98	1/2	15.31	1/2		1/2		1/2	
3/4	1,578.98	3/4	1,315.77	3/4	1,052.45	3/4	792.48	3/4	531.79	3/4	268.49	3/4	12.56	3/4		3/4		3/4	
5	1,573.49	5	1,310.28	5	1,046.97	5	787.08	5	526.30	5	263.00	5	9.82	5		5		5	
1/4	1,568.01	1/4	1,304.80	1/4	1,041.48	1/4	781.69	1/4	520.82	1/4	257.52	1/4	7.08	1/4		1/4		1/4	
1/2	1,562.53	1/2	1,299.31	1/2	1,036.00	1/2	776.29	1/2	515.33	1/2	252.03	1/2	4.33	1/2		1/2		1/2	
3/4	1,557.05	3/4	1,293.83	3/4	1,030.51	3/4	770.89	3/4	509.85	3/4	246.55	3/4	3.42	3/4		3/4		3/4	
6	1,551.56	6	1,288.34	6	1,025.03	6	765.50	6	504.36	6	241.06	6	2.51	6		6		6	
1/4	1,546.08	1/4	1,282.85	1/4	1,019.54	1/4	760.10	1/4	498.88	1/4	235.58	1/4	1.59	1/4		1/4		1/4	
1/2	1,540.60	1/2	1,277.37	1/2	1,014.05	1/2	754.71	1/2	493.39	1/2	230.09	1/2	0.68	1/2		1/2		1/2	
3/4	1,535.12	3/4	1,271.88	3/4	1,008.61	3/4	749.31	3/4	487.91	3/4	224.61	3/4		3/4		3/4		3/4	
7	1,529.64	7	1,266.40	7	1,003.17	7	743.92	7	482.42	7	219.12	7		7		7		7	
1/4	1,524.15	1/4	1,260.91	1/4	997.72	1/4	738.52	1/4	476.94	1/4	213.64	1/4		1/4		1/4		1/4	
1/2	1,518.67	1/2	1,255.43	1/2	992.28	1/2	733.13	1/2	471.45	1/2	208.15	1/2		1/2		1/2		1/2	
3/4	1,513.19	3/4	1,249.94	3/4	986.88	3/4	727.73	3/4	465.96	3/4	202.67	3/4		3/4		3/4		3/4	
8	1,507.71	8	1,244.45	8	981.48	8	722.34	8	460.48	8	197.18	8		8		8		8	
1/4	1,502.22	1/4	1,238.97	1/4	976.08	1/4	716.94	1/4	454.99	1/4	191.69	1/4		1/4		1/4		1/4	
1/2	1,496.74	1/2	1,233.48	1/2	970.68	1/2	711.54	1/2	449.51	1/2	186.21	1/2		1/2		1/2		1/2	
3/4	1,491.26	3/4	1,228.00	3/4	965.28	3/4	706.15	3/4	444.02	3/4	180.72	3/4		3/4		3/4		3/4	
9	1,485.78	9	1,222.51	9	959.87	9	700.75	9	438.54	9	175.24	9		9		9		9	
1/4	1,480.29	1/4	1,217.03	1/4	954.47	1/4	695.36	1/4	433.05	1/4	169.75	1/4		1/4		1/4		1/4	
1/2	1,474.81	1/2	1,211.54	1/2	949.07	1/2	689.96	1/2	427.57	1/2	164.27	1/2		1/2		1/2		1/2	
3/4	1,469.33	3/4	1,206.05	3/4	943.67	3/4	684.57	3/4	422.08	3/4	158.78	3/4		3/4		3/4		3/4	
10	1,463.85	10	1,200.57	10	938.27	10	679.17	10	416.60	10	153.30	10		10		10		10	
1/4	1,458.37	1/4	1,195.08	1/4	932.87	1/4	673.78	1/4	411.11	1/4	147.81	1/4		1/4		1/4		1/4	
1/2	1,452.88	1/2	1,189.60	1/2	927.47	1/2	668.38	1/2	405.62	1/2	142.33	1/2		1/2		1/2		1/2	
3/4	1,447.40	3/4	1,184.11	3/4	922.07	3/4	662.99	3/4	400.14	3/4	136.85	3/4		3/4		3/4		3/4	
11	1,441.92	11	1,178.63	11	916.67	11	657.59	11	394.65	11	131.37	11		11		11		11	
1/4	1,436.44	1/4	1,173.14	1/4	911.27	1/4	652.20	1/4	389.17	1/4	125.89	1/4		1/4		1/4		1/4	
1/2	1,430.95	1/2	1,167.65	1/2	905.87	1/2	646.80	1/2	383.68	1/2	120.41	1/2		1/2		1/2		1/2	
3/4	1,425.47	3/4	1,162.17	3/4	900.47	3/4	641.36	3/4	378.20	3/4	114.94	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2010 CL - SW
CALCULATED: 02/25/2010 CL
PRINTED: 02/25/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2010

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 10085"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

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	IN	OUT
0		0		0		0	3,474.84	0	3,240.68	0	2,980.69	0	2,720.71	0	2,460.31	0	2,198.93	0	1,937.54		
1/4		1/4		1/4		1/4	3,473.93	1/4	3,235.26	1/4	2,975.28	1/4	2,715.29	1/4	2,454.87	1/4	2,193.48	1/4	1,932.10		
1/2		1/2		1/2		1/2	3,473.03	1/2	3,229.85	1/2	2,969.86	1/2	2,709.87	1/2	2,449.42	1/2	2,188.04	1/2	1,926.65		
3/4		3/4		3/4		3/4	3,470.30	3/4	3,224.43	3/4	2,964.44	3/4	2,704.46	3/4	2,443.98	3/4	2,182.59	3/4	1,921.21		
1		1		1		1	3,467.58	1	3,219.02	1	2,959.03	1	2,699.04	1	2,438.53	1	2,177.15	1	1,915.76		
1/4		1/4		1/4		1/4	3,464.85	1/4	3,213.60	1/4	2,953.61	1/4	2,693.62	1/4	2,433.08	1/4	2,171.70	1/4	1,910.32		
1/2		1/2		1/2		1/2	3,462.13	1/2	3,208.18	1/2	2,948.20	1/2	2,688.21	1/2	2,427.64	1/2	2,166.25	1/2	1,904.87		
3/4		3/4		3/4		3/4	3,457.59	3/4	3,202.77	3/4	2,942.78	3/4	2,682.79	3/4	2,422.19	3/4	2,160.81	3/4	1,899.43		
2		2		2		2	3,453.05	2	3,197.35	2	2,937.36	2	2,677.38	2	2,416.75	2	2,155.36	2	1,893.98		
1/4		1/4		1/4		1/4	3,448.51	1/4	3,191.93	1/4	2,931.95	1/4	2,671.96	1/4	2,411.30	1/4	2,149.92	1/4	1,888.53		
1/2		1/2		1/2		1/2	3,443.97	1/2	3,186.52	1/2	2,926.53	1/2	2,666.54	1/2	2,405.86	1/2	2,144.47	1/2	1,883.09		
3/4		3/4		3/4		3/4	3,438.69	3/4	3,181.10	3/4	2,921.11	3/4	2,661.13	3/4	2,400.41	3/4	2,139.03	3/4	1,877.64		
3		3		3		3	3,433.42	3	3,175.68	3	2,915.70	3	2,655.71	3	2,394.97	3	2,133.58	3	1,872.20		
1/4		1/4		1/4		1/4	3,428.14	1/4	3,170.27	1/4	2,910.28	1/4	2,650.29	1/4	2,389.52	1/4	2,128.14	1/4	1,866.75		
1/2		1/2		1/2		1/2	3,422.86	1/2	3,164.85	1/2	2,904.86	1/2	2,644.88	1/2	2,384.07	1/2	2,122.69	1/2	1,861.31		
3/4		3/4		3/4		3/4	3,417.55	3/4	3,159.43	3/4	2,899.45	3/4	2,639.46	3/4	2,378.63	3/4	2,117.25	3/4	1,855.86		
4		4		4		4	3,412.24	4	3,154.02	4	2,894.03	4	2,634.04	4	2,373.18	4	2,111.80	4	1,850.42		
1/4		1/4		1/4		1/4	3,406.94	1/4	3,148.60	1/4	2,888.61	1/4	2,628.63	1/4	2,367.74	1/4	2,106.35	1/4	1,844.97		
1/2		1/2		1/2		1/2	3,401.63	1/2	3,143.19	1/2	2,883.20	1/2	2,623.21	1/2	2,362.29	1/2	2,100.91	1/2	1,839.52		
3/4		3/4		3/4		3/4	3,396.31	3/4	3,137.77	3/4	2,877.78	3/4	2,617.79	3/4	2,356.85	3/4	2,095.46	3/4	1,834.08		
5		5		5		5	3,390.98	5	3,132.35	5	2,872.37	5	2,612.38	5	2,351.40	5	2,090.02	5	1,828.63		
1/4		1/4		1/4		1/4	3,385.66	1/4	3,126.94	1/4	2,866.95	1/4	2,606.96	1/4	2,345.96	1/4	2,084.57	1/4	1,823.19		
1/2		1/2		1/2		1/2	3,380.34	1/2	3,121.52	1/2	2,861.53	1/2	2,601.55	1/2	2,340.51	1/2	2,079.13	1/2	1,817.74		
3/4		3/4		3/4		3/4	3,375.02	3/4	3,116.10	3/4	2,856.12	3/4	2,596.13	3/4	2,335.07	3/4	2,073.68	3/4	1,812.30		
6		6		6		6	3,369.70	6	3,110.69	6	2,850.70	6	2,590.71	6	2,329.62	6	2,068.24	6	1,806.85		
1/4		1/4		1/4		1/4	3,364.37	1/4	3,105.27	1/4	2,845.28	1/4	2,585.30	1/4	2,324.17	1/4	2,062.79	1/4	1,801.41		
1/2		1/2		1/2		1/2	3,359.05	1/2	3,099.85	1/2	2,839.87	1/2	2,579.88	1/2	2,318.73	1/2	2,057.34	1/2	1,795.96		
3/4		3/4		3/4		3/4	3,353.74	3/4	3,094.44	3/4	2,834.45	3/4	2,574.46	3/4	2,313.28	3/4	2,051.90	3/4	1,790.52		
7		7		7		7	3,348.42	7	3,089.02	7	2,829.03	7	2,569.05	7	2,307.84	7	2,046.45	7	1,785.07		
1/4		1/4		1/4		1/4	3,343.10	1/4	3,083.61	1/4	2,823.62	1/4	2,563.63	1/4	2,302.39	1/4	2,041.01	1/4	1,779.62		
1/2		1/2		1/2		1/2	3,337.78	1/2	3,078.19	1/2	2,818.20	1/2	2,558.21	1/2	2,296.95	1/2	2,035.56	1/2	1,774.18		
3/4		3/4		3/4		3/4	3,332.46	3/4	3,072.77	3/4	2,812.79	3/4	2,552.80	3/4	2,291.50	3/4	2,030.12	3/4	1,768.73		
8		8		8		8	3,327.15	8	3,067.36	8	2,807.37	8	2,547.38	8	2,286.06	8	2,024.67	8	1,763.29		
1/4		1/4		1/4		1/4	3,321.83	1/4	3,061.94	1/4	2,801.95	1/4	2,541.97	1/4	2,280.61	1/4	2,019.23	1/4	1,757.84		
1/2		1/2		1/2		1/2	3,316.51	1/2	3,056.52	1/2	2,796.54	1/2	2,536.55	1/2	2,275.16	1/2	2,013.78	1/2	1,752.40		
3/4		3/4		3/4		3/4	3,311.09	3/4	3,051.11	3/4	2,791.12	3/4	2,531.10	3/4	2,269.72	3/4	2,008.34	3/4	1,746.95		
9		9		9		9	3,305.68	9	3,045.69	9	2,785.70	9	2,525.66	9	2,264.27	9	2,002.89	9	1,741.51		
1/4		1/4		1/4		1/4	3,300.26	1/4	3,040.27	1/4	2,780.29	1/4	2,520.21	1/4	2,258.83	1/4	1,997.44	1/4	1,736.06		
1/2		1/2		1/2		1/2	3,294.84	1/2	3,034.86	1/2	2,774.87	1/2	2,514.77	1/2	2,253.38	1/2	1,992.00	1/2	1,730.61		
3/4		3/4		3/4		3/4	3,289.43	3/4	3,029.44	3/4	2,769.45	3/4	2,509.32	3/4	2,247.94	3/4	1,986.55	3/4	1,725.17		
10		10		10		10	3,284.01	10	3,024.02	10	2,764.04	10	2,503.88	10	2,242.49	10	1,981.11	10	1,719.72		
1/4		1/4		1/4		1/4	3,278.60	1/4	3,018.61	1/4	2,758.62	1/4	2,498.43	1/4	2,237.05	1/4	1,975.66	1/4	1,714.28		
1/2		1/2		1/2		1/2	3,273.18	1/2	3,013.19	1/2	2,753.20	1/2	2,492.98	1/2	2,231.60	1/2	1,970.22	1/2	1,708.83		
3/4		3/4		3/4		3/4	3,267.76	3/4	3,007.78	3/4	2,747.79	3/4	2,487.54	3/4	2,226.16	3/4	1,964.77	3/4	1,703.39		
11		11		11		11	3,262.35	11	3,002.36	11	2,742.37	11	2,482.09	11	2,220.71	11	1,959.33	11	1,697.94		
1/4		1/4		1/4		1/4	3,256.93	1/4	2,996.94	1/4	2,736.96	1/4	2,476.65	1/4	2,215.26	1/4	1,953.88	1/4	1,692.50		
1/2		1/2		1/2	3,476.66	1/2	3,251.51	1/2	2,991.53	1/2	2,731.54	1/2	2,471.20	1/2	2,209.82	1/2	1,948.43	1/2	1,687.05		
3/4		3/4		3/4	3,475.75	3/4	3,246.10	3/4	2,986.11	3/4	2,726.12	3/4	2,465.76	3/4	2,204.37	3/4	1,942.99	3/4	1,681.61		

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 10085"

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	1,676.16	0	1,414.78	0	1,153.23	0	892.47	0	631.75	0	370.22	0	108.74	0		0		0	
1/4	1,670.71	1/4	1,409.33	1/4	1,147.78	1/4	887.06	1/4	626.31	1/4	364.77	1/4	103.31	1/4		1/4		1/4	
1/2	1,665.27	1/2	1,403.88	1/2	1,142.33	1/2	881.65	1/2	620.86	1/2	359.33	1/2	97.88	1/2		1/2		1/2	
3/4	1,659.82	3/4	1,398.44	3/4	1,136.88	3/4	876.23	3/4	615.41	3/4	353.88	3/4	92.47	3/4		3/4		3/4	
1	1,654.38	1	1,392.99	1	1,131.43	1	870.82	1	609.96	1	348.43	1	87.05	1		1		1	
1/4	1,648.93	1/4	1,387.54	1/4	1,125.98	1/4	865.41	1/4	604.52	1/4	342.98	1/4	81.64	1/4		1/4		1/4	
1/2	1,643.49	1/2	1,382.09	1/2	1,120.53	1/2	860.00	1/2	599.07	1/2	337.53	1/2	76.22	1/2		1/2		1/2	
3/4	1,638.04	3/4	1,376.64	3/4	1,115.08	3/4	854.58	3/4	593.62	3/4	332.08	3/4	70.84	3/4		3/4		3/4	
2	1,632.60	2	1,371.19	2	1,109.63	2	849.17	2	588.17	2	326.63	2	65.45	2		2		2	
1/4	1,627.15	1/4	1,365.74	1/4	1,104.18	1/4	843.76	1/4	582.72	1/4	321.18	1/4	60.07	1/4		1/4		1/4	
1/2	1,621.70	1/2	1,360.29	1/2	1,098.74	1/2	838.35	1/2	577.27	1/2	315.74	1/2	54.68	1/2		1/2		1/2	
3/4	1,616.26	3/4	1,354.84	3/4	1,093.29	3/4	832.93	3/4	571.82	3/4	310.29	3/4	49.34	3/4		3/4		3/4	
3	1,610.81	3	1,349.39	3	1,087.84	3	827.52	3	566.38	3	304.84	3	44.01	3		3		3	
1/4	1,605.37	1/4	1,343.94	1/4	1,082.39	1/4	822.11	1/4	560.93	1/4	299.39	1/4	38.67	1/4		1/4		1/4	
1/2	1,599.92	1/2	1,338.50	1/2	1,076.94	1/2	816.70	1/2	555.48	1/2	293.94	1/2	33.34	1/2		1/2		1/2	
3/4	1,594.48	3/4	1,333.05	3/4	1,071.49	3/4	811.29	3/4	550.03	3/4	288.49	3/4	28.80	3/4		3/4		3/4	
4	1,589.03	4	1,327.60	4	1,066.04	4	805.88	4	544.58	4	283.04	4	24.27	4		4		4	
1/4	1,583.59	1/4	1,322.15	1/4	1,060.59	1/4	800.47	1/4	539.13	1/4	277.60	1/4	19.74	1/4		1/4		1/4	
1/2	1,578.14	1/2	1,316.70	1/2	1,055.14	1/2	795.07	1/2	533.68	1/2	272.15	1/2	15.21	1/2		1/2		1/2	
3/4	1,572.70	3/4	1,311.25	3/4	1,049.69	3/4	789.62	3/4	528.24	3/4	266.70	3/4	12.48	3/4		3/4		3/4	
5	1,567.25	5	1,305.80	5	1,044.24	5	784.18	5	522.79	5	261.25	5	9.76	5		5		5	
1/4	1,561.80	1/4	1,300.35	1/4	1,038.80	1/4	778.74	1/4	517.34	1/4	255.80	1/4	7.03	1/4		1/4		1/4	
1/2	1,556.36	1/2	1,294.90	1/2	1,033.35	1/2	773.29	1/2	511.89	1/2	250.35	1/2	4.31	1/2		1/2		1/2	
3/4	1,550.91	3/4	1,289.45	3/4	1,027.90	3/4	767.85	3/4	506.44	3/4	244.90	3/4	3.40	3/4		3/4		3/4	
6	1,545.47	6	1,284.00	6	1,022.45	6	762.40	6	500.99	6	239.45	6	2.49	6		6		6	
1/4	1,540.02	1/4	1,278.56	1/4	1,017.00	1/4	756.96	1/4	495.54	1/4	234.01	1/4	1.59	1/4		1/4		1/4	
1/2	1,534.58	1/2	1,273.11	1/2	1,011.55	1/2	751.52	1/2	490.09	1/2	228.56	1/2	0.68	1/2		1/2		1/2	
3/4	1,529.13	3/4	1,267.66	3/4	1,006.14	3/4	746.07	3/4	484.65	3/4	223.11	3/4		3/4		3/4		3/4	
7	1,523.69	7	1,262.21	7	1,000.72	7	740.63	7	479.20	7	217.66	7		7		7		7	
1/4	1,518.24	1/4	1,256.76	1/4	995.31	1/4	735.19	1/4	473.75	1/4	212.21	1/4		1/4		1/4		1/4	
1/2	1,512.79	1/2	1,251.31	1/2	989.90	1/2	729.74	1/2	468.30	1/2	206.76	1/2		1/2		1/2		1/2	
3/4	1,507.35	3/4	1,245.86	3/4	984.49	3/4	724.30	3/4	462.85	3/4	201.31	3/4		3/4		3/4		3/4	
8	1,501.90	8	1,240.41	8	979.07	8	718.85	8	457.40	8	195.86	8		8		8		8	
1/4	1,496.46	1/4	1,234.96	1/4	973.66	1/4	713.41	1/4	451.95	1/4	190.42	1/4		1/4		1/4		1/4	
1/2	1,491.01	1/2	1,229.51	1/2	968.25	1/2	707.97	1/2	446.50	1/2	184.97	1/2		1/2		1/2		1/2	
3/4	1,485.57	3/4	1,224.06	3/4	962.84	3/4	702.52	3/4	441.06	3/4	179.52	3/4		3/4		3/4		3/4	
9	1,480.12	9	1,218.62	9	957.42	9	697.08	9	435.61	9	174.07	9		9		9		9	
1/4	1,474.68	1/4	1,213.17	1/4	952.01	1/4	691.64	1/4	430.16	1/4	168.62	1/4		1/4		1/4		1/4	
1/2	1,469.23	1/2	1,207.72	1/2	946.60	1/2	686.19	1/2	424.71	1/2	163.17	1/2		1/2		1/2		1/2	
3/4	1,463.79	3/4	1,202.27	3/4	941.19	3/4	680.75	3/4	419.26	3/4	157.72	3/4		3/4		3/4		3/4	
10	1,458.34	10	1,196.82	10	935.77	10	675.31	10	413.81	10	152.28	10		10		10		10	
1/4	1,452.89	1/4	1,191.37	1/4	930.36	1/4	669.86	1/4	408.36	1/4	146.83	1/4		1/4		1/4		1/4	
1/2	1,447.45	1/2	1,185.92	1/2	924.95	1/2	664.42	1/2	402.92	1/2	141.38	1/2		1/2		1/2		1/2	
3/4	1,442.00	3/4	1,180.47	3/4	919.54	3/4	658.98	3/4	397.47	3/4	135.94	3/4		3/4		3/4		3/4	
11	1,436.56	11	1,175.02	11	914.12	11	653.53	11	392.02	11	130.49	11		11		11		11	
1/4	1,431.11	1/4	1,169.57	1/4	908.71	1/4	648.09	1/4	386.57	1/4	125.05	1/4		1/4		1/4		1/4	
1/2	1,425.67	1/2	1,164.12	1/2	903.30	1/2	642.65	1/2	381.12	1/2	119.61	1/2		1/2		1/2		1/2	
3/4	1,420.22	3/4	1,158.68	3/4	897.88	3/4	637.20	3/4	375.67	3/4	114.18	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2010 CL - SW
CALCULATED: 02/25/2010 CL
PRINTED: 02/25/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2010

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