



BARGE "KIRBY 10536"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	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

(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"

June 28, 2012

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

<http://www.pmacorp.net>



BARGE "KIRBY 10536"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
							3,763.41		3,538.34		3,285.43		3,032.53		2,771.29		2,475.65		2,179.35		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,762.38	1/4	3,533.07	1/4	3,280.16	1/4	3,027.26	1/4	2,765.14	1/4	2,469.48	1/4	2,173.18		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,761.34	1/2	3,527.80	1/2	3,274.90	1/2	3,021.99	1/2	2,758.99	1/2	2,463.30	1/2	2,167.01		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,760.31	3/4	3,522.53	3/4	3,269.63	3/4	3,016.72	3/4	2,752.83	3/4	2,457.13	3/4	2,160.84		
1	1	1	1	1	1	1	3,757.21	1	3,517.26	1	3,264.36	1	3,011.46	1	2,746.68	1	2,450.96	1	2,154.66		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,754.11	1/4	3,511.99	1/4	3,259.09	1/4	3,006.19	1/4	2,740.52	1/4	2,444.78	1/4	2,148.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,751.01	1/2	3,506.72	1/2	3,253.82	1/2	3,000.92	1/2	2,734.37	1/2	2,438.61	1/2	2,142.32		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,747.91	3/4	3,501.45	3/4	3,248.55	3/4	2,995.65	3/4	2,728.21	3/4	2,432.44	3/4	2,136.14		
2	2	2	2	2	2	2	3,743.76	2	3,496.18	2	3,243.28	2	2,990.38	2	2,722.06	2	2,426.27	2	2,129.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,739.62	1/4	3,490.92	1/4	3,238.01	1/4	2,985.11	1/4	2,715.91	1/4	2,420.09	1/4	2,123.80		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,735.47	1/2	3,485.65	1/2	3,232.74	1/2	2,979.84	1/2	2,709.75	1/2	2,413.92	1/2	2,117.63		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,731.32	3/4	3,480.38	3/4	3,227.48	3/4	2,974.57	3/4	2,703.60	3/4	2,407.75	3/4	2,111.45		
3	3	3	3	3	3	3	3,726.18	3	3,475.11	3	3,222.21	3	2,969.30	3	2,697.44	3	2,401.57	3	2,105.28		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,721.05	1/4	3,469.84	1/4	3,216.94	1/4	2,964.04	1/4	2,691.29	1/4	2,395.40	1/4	2,099.11		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,715.91	1/2	3,464.57	1/2	3,211.67	1/2	2,958.77	1/2	2,685.13	1/2	2,389.23	1/2	2,092.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,710.78	3/4	3,459.30	3/4	3,206.40	3/4	2,953.50	3/4	2,678.98	3/4	2,383.06	3/4	2,086.76		
4	4	4	4	4	4	4	3,705.61	4	3,454.03	4	3,201.13	4	2,948.23	4	2,672.83	4	2,376.88	4	2,080.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,700.44	1/4	3,448.77	1/4	3,195.86	1/4	2,942.96	1/4	2,666.67	1/4	2,370.71	1/4	2,074.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,695.27	1/2	3,443.50	1/2	3,190.59	1/2	2,937.69	1/2	2,660.52	1/2	2,364.54	1/2	2,068.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,690.10	3/4	3,438.23	3/4	3,185.33	3/4	2,932.42	3/4	2,654.36	3/4	2,358.36	3/4	2,062.07		
5	5	5	5	5	5	5	3,684.91	5	3,432.96	5	3,180.06	5	2,927.15	5	2,648.21	5	2,352.19	5	2,055.90		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,679.73	1/4	3,427.69	1/4	3,174.79	1/4	2,921.89	1/4	2,642.05	1/4	2,346.02	1/4	2,049.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,674.55	1/2	3,422.42	1/2	3,169.52	1/2	2,916.62	1/2	2,635.90	1/2	2,339.85	1/2	2,043.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,669.36	3/4	3,417.15	3/4	3,164.25	3/4	2,911.35	3/4	2,629.75	3/4	2,333.67	3/4	2,037.38		
6	6	6	6	6	6	6	3,664.18	6	3,411.88	6	3,158.98	6	2,906.08	6	2,623.59	6	2,327.50	6	2,031.21		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,659.00	1/4	3,406.62	1/4	3,153.71	1/4	2,900.81	1/4	2,617.44	1/4	2,321.33	1/4	2,025.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,653.81	1/2	3,401.35	1/2	3,148.44	1/2	2,895.54	1/2	2,611.28	1/2	2,315.16	1/2	2,018.86		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,648.63	3/4	3,396.08	3/4	3,143.18	3/4	2,890.27	3/4	2,605.13	3/4	2,308.98	3/4	2,012.69		
7	7	7	7	7	7	7	3,643.45	7	3,390.81	7	3,137.91	7	2,885.00	7	2,598.97	7	2,302.81	7	2,006.52		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,638.27	1/4	3,385.54	1/4	3,132.64	1/4	2,879.74	1/4	2,592.82	1/4	2,296.64	1/4	2,000.34		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,633.09	1/2	3,380.27	1/2	3,127.37	1/2	2,874.47	1/2	2,586.67	1/2	2,290.46	1/2	1,994.17		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,627.90	3/4	3,375.00	3/4	3,122.10	3/4	2,869.20	3/4	2,580.51	3/4	2,284.29	3/4	1,988.00		
8	8	8	8	8	8	8	3,622.64	8	3,369.73	8	3,116.83	8	2,863.90	8	2,574.36	8	2,278.12	8	1,981.82		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,617.37	1/4	3,364.46	1/4	3,111.56	1/4	2,858.61	1/4	2,568.20	1/4	2,271.95	1/4	1,975.65		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,612.10	1/2	3,359.20	1/2	3,106.29	1/2	2,853.32	1/2	2,562.05	1/2	2,265.77	1/2	1,969.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,606.83	3/4	3,353.93	3/4	3,101.02	3/4	2,848.02	3/4	2,555.89	3/4	2,259.60	3/4	1,963.31		
9	9	9	9	9	9	9	3,601.56	9	3,348.66	9	3,095.76	9	2,842.73	9	2,549.72	9	2,253.43	9	1,957.13		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,596.29	1/4	3,343.39	1/4	3,090.49	1/4	2,837.44	1/4	2,543.55	1/4	2,247.25	1/4	1,950.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,591.02	1/2	3,338.12	1/2	3,085.22	1/2	2,832.14	1/2	2,537.38	1/2	2,241.08	1/2	1,944.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,585.75	3/4	3,332.85	3/4	3,079.95	3/4	2,826.85	3/4	2,531.20	3/4	2,234.91	3/4	1,938.61		
10	10	10	10	10	10	10	3,580.49	10	3,327.58	10	3,074.68	10	2,820.65	10	2,525.03	10	2,228.74	10	1,932.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,575.22	1/4	3,322.31	1/4	3,069.41	1/4	2,814.46	1/4	2,518.86	1/4	2,222.56	1/4	1,926.27		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,569.95	1/2	3,317.05	1/2	3,064.14	1/2	2,808.26	1/2	2,512.68	1/2	2,216.39	1/2	1,920.10		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,564.68	3/4	3,311.78	3/4	3,058.87	3/4	2,802.07	3/4	2,506.51	3/4	2,210.22	3/4	1,913.92		
11	11	11	11	11	11	11	3,559.41	11	3,306.51	11	3,053.61	11	2,795.91	11	2,500.34	11	2,204.04	11	1,907.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,554.14	1/4	3,301.24	1/4	3,048.34	1/4	2,789.76	1/4	2,494.17	1/4	2,197.87	1/4	1,901.58		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,548.87	1/2	3,295.97	1/2	3,043.07	1/2	2,783.60	1/2	2,487.99	1/2	2,191.70	1/2	1,895.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,764.44	3/4	3,543.60	3/4	3,290.70	3/4	3,037.80	3/4	2,777.45	3/4	2,481.82	3/4	2,185.53	3/4	1,889.23

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
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BARGE "KIRBY 10536"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,876.89	1/4	1,580.34	1/4	1,283.63	1/4	986.92	1/4	696.27	1/4	399.40	1/4	102.55	1/4		1/4		1/4		1/4	
1/2	1,870.71	1/2	1,574.16	1/2	1,277.45	1/2	980.74	1/2	690.11	1/2	393.22	1/2	96.39	1/2		1/2		1/2		1/2	
3/4	1,864.54	3/4	1,567.98	3/4	1,271.27	3/4	974.56	3/4	683.94	3/4	387.03	3/4	90.24	3/4		3/4		3/4		3/4	
1	1,858.37	1	1,561.79	1	1,265.09	1	968.44	1	677.75	1	380.84	1	84.11	1		1		1		1	
1/4	1,852.20	1/4	1,555.61	1/4	1,258.91	1/4	962.32	1/4	671.57	1/4	374.66	1/4	77.98	1/4		1/4		1/4		1/4	
1/2	1,846.02	1/2	1,549.43	1/2	1,252.72	1/2	956.21	1/2	665.38	1/2	368.47	1/2	71.86	1/2		1/2		1/2		1/2	
3/4	1,839.85	3/4	1,543.25	3/4	1,246.54	3/4	950.09	3/4	659.20	3/4	362.29	3/4	65.73	3/4		3/4		3/4		3/4	
2	1,833.68	2	1,537.07	2	1,240.36	2	944.03	2	653.01	2	356.10	2	59.66	2		2		2		2	
1/4	1,827.50	1/4	1,530.89	1/4	1,234.18	1/4	937.98	1/4	646.83	1/4	349.92	1/4	53.59	1/4		1/4		1/4		1/4	
1/2	1,821.33	1/2	1,524.71	1/2	1,228.00	1/2	931.92	1/2	640.64	1/2	343.73	1/2	47.52	1/2		1/2		1/2		1/2	
3/4	1,815.16	3/4	1,518.52	3/4	1,221.82	3/4	925.86	3/4	634.46	3/4	337.54	3/4	41.46	3/4		3/4		3/4		3/4	
3	1,808.98	3	1,512.34	3	1,215.64	3	919.81	3	628.27	3	331.36	3	36.30	3		3		3		3	
1/4	1,802.80	1/4	1,506.16	1/4	1,209.45	1/4	913.76	1/4	622.09	1/4	325.17	1/4	31.14	1/4		1/4		1/4		1/4	
1/2	1,796.61	1/2	1,499.98	1/2	1,203.27	1/2	907.70	1/2	615.90	1/2	318.99	1/2	25.99	1/2		1/2		1/2		1/2	
3/4	1,790.43	3/4	1,493.80	3/4	1,197.09	3/4	901.65	3/4	609.72	3/4	312.80	3/4	20.83	3/4		3/4		3/4		3/4	
4	1,784.25	4	1,487.62	4	1,190.91	4	895.61	4	603.53	4	306.62	4	17.74	4		4		4		4	
1/4	1,778.07	1/4	1,481.44	1/4	1,184.73	1/4	889.57	1/4	597.34	1/4	300.43	1/4	14.64	1/4		1/4		1/4		1/4	
1/2	1,771.89	1/2	1,475.25	1/2	1,178.55	1/2	883.53	1/2	591.16	1/2	294.24	1/2	11.54	1/2		1/2		1/2		1/2	
3/4	1,765.71	3/4	1,469.07	3/4	1,172.37	3/4	877.49	3/4	584.97	3/4	288.06	3/4	8.44	3/4		3/4		3/4		3/4	
5	1,759.53	5	1,462.89	5	1,166.18	5	871.47	5	578.79	5	281.87	5	7.41	5		5		5		5	
1/4	1,753.35	1/4	1,456.71	1/4	1,160.00	1/4	865.45	1/4	572.60	1/4	275.69	1/4	6.38	1/4		1/4		1/4		1/4	
1/2	1,747.17	1/2	1,450.53	1/2	1,153.82	1/2	859.42	1/2	566.42	1/2	269.50	1/2	5.34	1/2		1/2		1/2		1/2	
3/4	1,740.98	3/4	1,444.35	3/4	1,147.64	3/4	853.40	3/4	560.23	3/4	263.32	3/4	4.31	3/4		3/4		3/4		3/4	
6	1,734.80	6	1,438.17	6	1,141.46	6	847.38	6	554.04	6	257.13	6	4.31	6		6		6		6	
1/4	1,728.62	1/4	1,431.98	1/4	1,135.28	1/4	841.36	1/4	547.86	1/4	250.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,722.44	1/2	1,425.80	1/2	1,129.10	1/2	835.33	1/2	541.67	1/2	244.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,716.27	3/4	1,419.62	3/4	1,122.91	3/4	829.31	3/4	535.49	3/4	238.57	3/4		3/4		3/4		3/4		3/4	
7	1,710.09	7	1,413.44	7	1,116.73	7	823.29	7	529.30	7	232.39	7		7		7		7		7	
1/4	1,703.91	1/4	1,407.26	1/4	1,110.55	1/4	817.27	1/4	523.12	1/4	226.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,697.73	1/2	1,401.08	1/2	1,104.37	1/2	811.24	1/2	516.93	1/2	220.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,691.55	3/4	1,394.90	3/4	1,098.19	3/4	805.22	3/4	510.74	3/4	213.83	3/4		3/4		3/4		3/4		3/4	
8	1,685.37	8	1,388.72	8	1,092.01	8	799.20	8	504.56	8	207.64	8		8		8		8		8	
1/4	1,679.20	1/4	1,382.53	1/4	1,085.83	1/4	793.18	1/4	498.37	1/4	201.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,673.02	1/2	1,376.35	1/2	1,079.65	1/2	787.15	1/2	492.19	1/2	195.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,666.84	3/4	1,370.17	3/4	1,073.46	3/4	781.13	3/4	486.00	3/4	189.09	3/4		3/4		3/4		3/4		3/4	
9	1,660.66	9	1,363.99	9	1,067.28	9	775.11	9	479.82	9	182.90	9		9		9		9		9	
1/4	1,654.48	1/4	1,357.81	1/4	1,061.10	1/4	769.09	1/4	473.63	1/4	176.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,648.31	1/2	1,351.63	1/2	1,054.92	1/2	763.06	1/2	467.44	1/2	170.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,642.13	3/4	1,345.45	3/4	1,048.74	3/4	757.04	3/4	461.26	3/4	164.35	3/4		3/4		3/4		3/4		3/4	
10	1,635.95	10	1,339.26	10	1,042.56	10	751.02	10	455.07	10	158.16	10		10		10		10		10	
1/4	1,629.77	1/4	1,333.08	1/4	1,036.38	1/4	745.00	1/4	448.89	1/4	151.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,623.59	1/2	1,326.90	1/2	1,030.19	1/2	738.98	1/2	442.70	1/2	145.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,617.41	3/4	1,320.72	3/4	1,024.01	3/4	732.95	3/4	436.52	3/4	139.58	3/4		3/4		3/4		3/4		3/4	
11	1,611.24	11	1,314.54	11	1,017.83	11	726.87	11	430.33	11	133.40	11		11		11		11		11	
1/4	1,605.06	1/4	1,308.36	1/4	1,011.65	1/4	720.78	1/4	424.14	1/4	127.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,598.88	1/2	1,302.18	1/2	1,005.47	1/2	714.69	1/2	417.96	1/2	121.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,592.70	3/4	1,295.99	3/4	999.29	3/4	708.61	3/4	411.77	3/4	114.87	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/27/2012 CL - SW
CALCULATED: 06/28/2012 CL
PRINTED: 06/28/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2012

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



BARGE "KIRBY 10536"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	3,471.82	0	3,245.41	0	2,983.82	0	2,722.23	0	2,460.17	0	2,197.18	0	1,934.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,470.90	1/4	3,239.96	1/4	2,978.37	1/4	2,716.78	1/4	2,454.69	1/4	2,191.70	1/4	1,928.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,469.99	1/2	3,234.51	1/2	2,972.92	1/2	2,711.33	1/2	2,449.21	1/2	2,186.22	1/2	1,923.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,469.08	3/4	3,229.06	3/4	2,967.47	3/4	2,705.88	3/4	2,443.73	3/4	2,180.74	3/4	1,917.75
1		1		1		1	3,468.16	1	3,223.61	1	2,962.02	1	2,700.43	1	2,438.25	1	2,175.26	1	1,912.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,465.42	1/4	3,218.16	1/4	2,956.57	1/4	2,694.98	1/4	2,432.77	1/4	2,169.78	1/4	1,906.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,462.68	1/2	3,212.71	1/2	2,951.12	1/2	2,689.53	1/2	2,427.30	1/2	2,164.30	1/2	1,901.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,459.94	3/4	3,207.26	3/4	2,945.67	3/4	2,684.08	3/4	2,421.82	3/4	2,158.82	3/4	1,895.83
2		2		2		2	3,457.20	2	3,201.81	2	2,940.22	2	2,678.63	2	2,416.34	2	2,153.35	2	1,890.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,452.76	1/4	3,196.36	1/4	2,934.77	1/4	2,673.18	1/4	2,410.86	1/4	2,147.87	1/4	1,884.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,448.32	1/2	3,190.91	1/2	2,929.32	1/2	2,667.73	1/2	2,405.38	1/2	2,142.39	1/2	1,879.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,443.88	3/4	3,185.46	3/4	2,923.87	3/4	2,662.28	3/4	2,399.90	3/4	2,136.91	3/4	1,873.92
3		3		3		3	3,439.44	3	3,180.01	3	2,918.42	3	2,656.83	3	2,394.42	3	2,131.43	3	1,868.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,434.13	1/4	3,174.56	1/4	2,912.97	1/4	2,651.38	1/4	2,388.94	1/4	2,125.95	1/4	1,862.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,428.82	1/2	3,169.11	1/2	2,907.52	1/2	2,645.93	1/2	2,383.46	1/2	2,120.47	1/2	1,857.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,423.51	3/4	3,163.66	3/4	2,902.07	3/4	2,640.48	3/4	2,377.98	3/4	2,114.99	3/4	1,852.00
4		4		4		4	3,418.20	4	3,158.21	4	2,896.62	4	2,635.03	4	2,372.51	4	2,109.51	4	1,846.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,412.86	1/4	3,152.76	1/4	2,891.17	1/4	2,629.58	1/4	2,367.03	1/4	2,104.03	1/4	1,841.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,407.52	1/2	3,147.31	1/2	2,885.72	1/2	2,624.13	1/2	2,361.55	1/2	2,098.56	1/2	1,835.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,402.17	3/4	3,141.86	3/4	2,880.27	3/4	2,618.68	3/4	2,356.07	3/4	2,093.08	3/4	1,830.08
5		5		5		5	3,396.83	5	3,136.41	5	2,874.82	5	2,613.23	5	2,350.59	5	2,087.60	5	1,824.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,391.48	1/4	3,130.96	1/4	2,869.37	1/4	2,607.78	1/4	2,345.11	1/4	2,082.12	1/4	1,819.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,386.12	1/2	3,125.51	1/2	2,863.92	1/2	2,602.33	1/2	2,339.63	1/2	2,076.64	1/2	1,813.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,380.77	3/4	3,120.06	3/4	2,858.47	3/4	2,596.88	3/4	2,334.15	3/4	2,071.16	3/4	1,808.17
6		6		6		6	3,375.42	6	3,114.61	6	2,853.02	6	2,591.43	6	2,328.67	6	2,065.68	6	1,802.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,370.07	1/4	3,109.16	1/4	2,847.57	1/4	2,585.98	1/4	2,323.19	1/4	2,060.20	1/4	1,797.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,364.71	1/2	3,103.71	1/2	2,842.12	1/2	2,580.53	1/2	2,317.72	1/2	2,054.72	1/2	1,791.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,359.36	3/4	3,098.26	3/4	2,836.67	3/4	2,575.08	3/4	2,312.24	3/4	2,049.24	3/4	1,786.25
7		7		7		7	3,354.01	7	3,092.81	7	2,831.22	7	2,569.63	7	2,306.76	7	2,043.77	7	1,780.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,348.66	1/4	3,087.36	1/4	2,825.77	1/4	2,564.18	1/4	2,301.28	1/4	2,038.29	1/4	1,775.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,343.31	1/2	3,081.91	1/2	2,820.32	1/2	2,558.73	1/2	2,295.80	1/2	2,032.81	1/2	1,769.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,337.96	3/4	3,076.46	3/4	2,814.87	3/4	2,553.28	3/4	2,290.32	3/4	2,027.33	3/4	1,764.34
8		8		8		8	3,332.60	8	3,071.01	8	2,809.42	8	2,547.83	8	2,284.84	8	2,021.85	8	1,758.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,327.15	1/4	3,065.56	1/4	2,803.97	1/4	2,542.35	1/4	2,279.36	1/4	2,016.37	1/4	1,753.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,321.71	1/2	3,060.11	1/2	2,798.52	1/2	2,536.88	1/2	2,273.88	1/2	2,010.89	1/2	1,747.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,316.26	3/4	3,054.66	3/4	2,793.07	3/4	2,531.40	3/4	2,268.40	3/4	2,005.41	3/4	1,742.42
9		9		9		9	3,310.81	9	3,049.22	9	2,787.62	9	2,525.92	9	2,262.93	9	1,999.93	9	1,736.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,305.36	1/4	3,043.77	1/4	2,782.17	1/4	2,520.44	1/4	2,257.45	1/4	1,994.45	1/4	1,731.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,299.91	1/2	3,038.32	1/2	2,776.73	1/2	2,514.96	1/2	2,251.97	1/2	1,988.98	1/2	1,725.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,294.46	3/4	3,032.87	3/4	2,771.28	3/4	2,509.48	3/4	2,246.49	3/4	1,983.50	3/4	1,720.50
10		10		10		10	3,289.01	10	3,027.42	10	2,765.83	10	2,504.00	10	2,241.01	10	1,978.02	10	1,715.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,283.56	1/4	3,021.97	1/4	2,760.38	1/4	2,498.52	1/4	2,235.53	1/4	1,972.54	1/4	1,709.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,278.11	1/2	3,016.52	1/2	2,754.93	1/2	2,493.04	1/2	2,230.05	1/2	1,967.06	1/2	1,704.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,272.66	3/4	3,011.07	3/4	2,749.48	3/4	2,487.56	3/4	2,224.57	3/4	1,961.58	3/4	1,698.59
11		11		11		11	3,267.21	11	3,005.62	11	2,744.03	11	2,482.09	11	2,219.09	11	1,956.10	11	1,693.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,261.76	1/4	3,000.17	1/4	2,738.58	1/4	2,476.61	1/4	2,213.61	1/4	1,950.62	1/4	1,687.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,256.31	1/2	2,994.72	1/2	2,733.13	1/2	2,471.13	1/2	2,208.14	1/2	1,945.14	1/2	1,682.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,250.86	3/4	2,989.27	3/4	2,727.68	3/4	2,465.65	3/4	2,202.66	3/4	1,939.66	3/4	1,676.67

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

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 10536"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	1,671.19	0	1,408.20	0	1,145.04	0	883.74	0	624.66	0	361.53	0	98.48	0		0		0	
1/4	1,665.71	1/4	1,402.72	1/4	1,139.56	1/4	878.35	1/4	619.18	1/4	356.04	1/4	93.03	1/4		1/4		1/4	
1/2	1,660.24	1/2	1,397.24	1/2	1,134.08	1/2	872.95	1/2	613.70	1/2	350.56	1/2	87.58	1/2		1/2		1/2	
3/4	1,654.76	3/4	1,391.75	3/4	1,128.59	3/4	867.55	3/4	608.22	3/4	345.08	3/4	82.13	3/4		3/4		3/4	
1	1,649.28	1	1,386.27	1	1,123.11	1	862.15	1	602.74	1	339.60	1	76.69	1		1		1	
1/4	1,643.80	1/4	1,380.79	1/4	1,117.63	1/4	856.76	1/4	597.26	1/4	334.12	1/4	71.27	1/4		1/4		1/4	
1/2	1,638.32	1/2	1,375.31	1/2	1,112.15	1/2	851.36	1/2	591.77	1/2	328.63	1/2	65.85	1/2		1/2		1/2	
3/4	1,632.84	3/4	1,369.82	3/4	1,106.66	3/4	845.96	3/4	586.29	3/4	323.15	3/4	60.43	3/4		3/4		3/4	
2	1,627.36	2	1,364.34	2	1,101.18	2	840.56	2	580.81	2	317.67	2	55.01	2		2		2	
1/4	1,621.88	1/4	1,358.86	1/4	1,095.70	1/4	835.17	1/4	575.33	1/4	312.19	1/4	49.64	1/4		1/4		1/4	
1/2	1,616.40	1/2	1,353.38	1/2	1,090.22	1/2	829.77	1/2	569.85	1/2	306.71	1/2	44.27	1/2		1/2		1/2	
3/4	1,610.92	3/4	1,347.89	3/4	1,084.73	3/4	824.37	3/4	564.36	3/4	301.22	3/4	38.91	3/4		3/4		3/4	
3	1,605.45	3	1,342.41	3	1,079.25	3	818.97	3	558.88	3	295.74	3	33.54	3		3		3	
1/4	1,599.97	1/4	1,336.93	1/4	1,073.77	1/4	813.58	1/4	553.40	1/4	290.26	1/4	28.98	1/4		1/4		1/4	
1/2	1,594.49	1/2	1,331.45	1/2	1,068.29	1/2	808.19	1/2	547.92	1/2	284.78	1/2	24.42	1/2		1/2		1/2	
3/4	1,589.01	3/4	1,325.96	3/4	1,062.80	3/4	802.80	3/4	542.44	3/4	279.29	3/4	19.86	3/4		3/4		3/4	
4	1,583.53	4	1,320.48	4	1,057.32	4	797.40	4	536.95	4	273.81	4	15.29	4		4		4	
1/4	1,578.05	1/4	1,315.00	1/4	1,051.84	1/4	792.01	1/4	531.47	1/4	268.33	1/4	12.55	1/4		1/4		1/4	
1/2	1,572.57	1/2	1,309.52	1/2	1,046.36	1/2	786.62	1/2	525.99	1/2	262.85	1/2	9.81	1/2		1/2		1/2	
3/4	1,567.09	3/4	1,304.03	3/4	1,040.87	3/4	781.23	3/4	520.51	3/4	257.37	3/4	7.07	3/4		3/4		3/4	
5	1,561.61	5	1,298.55	5	1,035.39	5	775.83	5	515.03	5	251.88	5	4.33	5		5		5	
1/4	1,556.13	1/4	1,293.07	1/4	1,029.91	1/4	770.44	1/4	509.54	1/4	246.40	1/4	3.42	1/4		1/4		1/4	
1/2	1,550.66	1/2	1,287.59	1/2	1,024.43	1/2	765.05	1/2	504.06	1/2	240.92	1/2	2.50	1/2		1/2		1/2	
3/4	1,545.18	3/4	1,282.10	3/4	1,018.94	3/4	759.66	3/4	498.58	3/4	235.44	3/4	1.59	3/4		3/4		3/4	
6	1,539.70	6	1,276.62	6	1,013.46	6	754.26	6	493.10	6	229.96	6	0.68	6		6		6	
1/4	1,534.22	1/4	1,271.14	1/4	1,008.02	1/4	748.87	1/4	487.61	1/4	224.47	1/4		1/4		1/4		1/4	
1/2	1,528.74	1/2	1,265.66	1/2	1,002.58	1/2	743.48	1/2	482.13	1/2	218.99	1/2		1/2		1/2		1/2	
3/4	1,523.26	3/4	1,260.17	3/4	997.14	3/4	738.09	3/4	476.65	3/4	213.51	3/4		3/4		3/4		3/4	
7	1,517.78	7	1,254.69	7	991.70	7	732.69	7	471.17	7	208.03	7		7		7		7	
1/4	1,512.30	1/4	1,249.21	1/4	986.30	1/4	727.30	1/4	465.69	1/4	202.55	1/4		1/4		1/4		1/4	
1/2	1,506.82	1/2	1,243.73	1/2	980.90	1/2	721.91	1/2	460.20	1/2	197.06	1/2		1/2		1/2		1/2	
3/4	1,501.34	3/4	1,238.24	3/4	975.51	3/4	716.52	3/4	454.72	3/4	191.58	3/4		3/4		3/4		3/4	
8	1,495.87	8	1,232.76	8	970.11	8	711.12	8	449.24	8	186.10	8		8		8		8	
1/4	1,490.39	1/4	1,227.28	1/4	964.71	1/4	705.73	1/4	443.76	1/4	180.62	1/4		1/4		1/4		1/4	
1/2	1,484.91	1/2	1,221.80	1/2	959.31	1/2	700.34	1/2	438.28	1/2	175.13	1/2		1/2		1/2		1/2	
3/4	1,479.43	3/4	1,216.31	3/4	953.91	3/4	694.95	3/4	432.79	3/4	169.65	3/4		3/4		3/4		3/4	
9	1,473.95	9	1,210.83	9	948.52	9	689.55	9	427.31	9	164.17	9		9		9		9	
1/4	1,468.47	1/4	1,205.35	1/4	943.12	1/4	684.16	1/4	421.83	1/4	158.69	1/4		1/4		1/4		1/4	
1/2	1,462.99	1/2	1,199.87	1/2	937.72	1/2	678.77	1/2	416.35	1/2	153.21	1/2		1/2		1/2		1/2	
3/4	1,457.51	3/4	1,194.38	3/4	932.32	3/4	673.38	3/4	410.87	3/4	147.73	3/4		3/4		3/4		3/4	
10	1,452.03	10	1,188.90	10	926.93	10	667.99	10	405.38	10	142.25	10		10		10		10	
1/4	1,446.55	1/4	1,183.42	1/4	921.53	1/4	662.59	1/4	399.90	1/4	136.77	1/4		1/4		1/4		1/4	
1/2	1,441.08	1/2	1,177.94	1/2	916.13	1/2	657.20	1/2	394.42	1/2	131.29	1/2		1/2		1/2		1/2	
3/4	1,435.60	3/4	1,172.45	3/4	910.73	3/4	651.81	3/4	388.94	3/4	125.82	3/4		3/4		3/4		3/4	
11	1,430.12	11	1,166.97	11	905.34	11	646.42	11	383.45	11	120.34	11		11		11		11	
1/4	1,424.64	1/4	1,161.49	1/4	899.94	1/4	640.98	1/4	377.97	1/4	114.87	1/4		1/4		1/4		1/4	
1/2	1,419.16	1/2	1,156.01	1/2	894.54	1/2	635.54	1/2	372.49	1/2	109.41	1/2		1/2		1/2		1/2	
3/4	1,413.68	3/4	1,150.52	3/4	889.14	3/4	630.10	3/4	367.01	3/4	103.94	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/27/2012 CL - SW
CALCULATED: 06/28/2012 CL
PRINTED: 06/28/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2012

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



BARGE "KIRBY 10536"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							3,453.29		3,210.10		2,949.96		2,689.82		2,429.10		2,167.55		1,906.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,450.57	1/4	3,204.68	1/4	2,944.54	1/4	2,684.40	1/4	2,423.65	1/4	2,162.11	1/4	1,900.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,447.84	1/2	3,199.26	1/2	2,939.12	1/2	2,678.98	1/2	2,418.20	1/2	2,156.66	1/2	1,895.11		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,445.12	3/4	3,193.84	3/4	2,933.70	3/4	2,673.56	3/4	2,412.75	3/4	2,151.21	3/4	1,889.67		
1	1	1	1	1	1	1	3,442.39	1	3,188.42	1	2,928.28	1	2,668.14	1	2,407.30	1	2,145.76	1	1,884.22		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,437.98	1/4	3,183.00	1/4	2,922.86	1/4	2,662.72	1/4	2,401.85	1/4	2,140.31	1/4	1,878.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,433.56	1/2	3,177.59	1/2	2,917.44	1/2	2,657.30	1/2	2,396.40	1/2	2,134.86	1/2	1,873.32		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,429.15	3/4	3,172.17	3/4	2,912.02	3/4	2,651.88	3/4	2,390.95	3/4	2,129.41	3/4	1,867.87		
2	2	2	2	2	2	2	3,424.73	2	3,166.75	2	2,906.61	2	2,646.46	2	2,385.51	2	2,123.96	2	1,862.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,419.45	1/4	3,161.33	1/4	2,901.19	1/4	2,641.04	1/4	2,380.06	1/4	2,118.51	1/4	1,856.97		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,414.17	1/2	3,155.91	1/2	2,895.77	1/2	2,635.63	1/2	2,374.61	1/2	2,113.07	1/2	1,851.52		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,408.89	3/4	3,150.49	3/4	2,890.35	3/4	2,630.21	3/4	2,369.16	3/4	2,107.62	3/4	1,846.07		
3	3	3	3	3	3	3	3,403.61	3	3,145.07	3	2,884.93	3	2,624.79	3	2,363.71	3	2,102.17	3	1,840.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,398.30	1/4	3,139.65	1/4	2,879.51	1/4	2,619.37	1/4	2,358.26	1/4	2,096.72	1/4	1,835.18		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,392.99	1/2	3,134.23	1/2	2,874.09	1/2	2,613.95	1/2	2,352.81	1/2	2,091.27	1/2	1,829.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,387.68	3/4	3,128.81	3/4	2,868.67	3/4	2,608.53	3/4	2,347.36	3/4	2,085.82	3/4	1,824.28		
4	4	4	4	4	4	4	3,382.36	4	3,123.39	4	2,863.25	4	2,603.11	4	2,341.92	4	2,080.37	4	1,818.83		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,377.04	1/4	3,117.97	1/4	2,857.83	1/4	2,597.69	1/4	2,336.47	1/4	2,074.92	1/4	1,813.38		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,371.71	1/2	3,112.55	1/2	2,852.41	1/2	2,592.27	1/2	2,331.02	1/2	2,069.48	1/2	1,807.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,366.39	3/4	3,107.13	3/4	2,846.99	3/4	2,586.85	3/4	2,325.57	3/4	2,064.03	3/4	1,802.48		
5	5	5	5	5	5	5	3,361.06	5	3,101.71	5	2,841.57	5	2,581.43	5	2,320.12	5	2,058.58	5	1,797.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,355.74	1/4	3,096.29	1/4	2,836.15	1/4	2,576.01	1/4	2,314.67	1/4	2,053.13	1/4	1,791.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,350.42	1/2	3,090.87	1/2	2,830.73	1/2	2,570.59	1/2	2,309.22	1/2	2,047.68	1/2	1,786.14		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,345.10	3/4	3,085.45	3/4	2,825.31	3/4	2,565.17	3/4	2,303.77	3/4	2,042.23	3/4	1,780.69		
6	6	6	6	6	6	6	3,339.78	6	3,080.03	6	2,819.89	6	2,559.75	6	2,298.33	6	2,036.78	6	1,775.24		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,334.46	1/4	3,074.61	1/4	2,814.47	1/4	2,554.33	1/4	2,292.88	1/4	2,031.33	1/4	1,769.79		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,329.14	1/2	3,069.19	1/2	2,809.05	1/2	2,548.91	1/2	2,287.43	1/2	2,025.89	1/2	1,764.34		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,323.82	3/4	3,063.77	3/4	2,803.63	3/4	2,543.49	3/4	2,281.98	3/4	2,020.44	3/4	1,758.89		
7	7	7	7	7	7	7	3,318.49	7	3,058.35	7	2,798.21	7	2,538.07	7	2,276.53	7	2,014.99	7	1,753.45		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,313.08	1/4	3,052.93	1/4	2,792.79	1/4	2,532.62	1/4	2,271.08	1/4	2,009.54	1/4	1,748.00		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,307.66	1/2	3,047.51	1/2	2,787.37	1/2	2,527.17	1/2	2,265.63	1/2	2,004.09	1/2	1,742.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,302.24	3/4	3,042.10	3/4	2,781.95	3/4	2,521.73	3/4	2,260.18	3/4	1,998.64	3/4	1,737.10		
8	8	8	8	8	8	8	3,296.82	8	3,036.68	8	2,776.53	8	2,516.28	8	2,254.73	8	1,993.19	8	1,731.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,291.40	1/4	3,031.26	1/4	2,771.12	1/4	2,510.83	1/4	2,249.29	1/4	1,987.74	1/4	1,726.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,285.98	1/2	3,025.84	1/2	2,765.70	1/2	2,505.38	1/2	2,243.84	1/2	1,982.29	1/2	1,720.75		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,280.56	3/4	3,020.42	3/4	2,760.28	3/4	2,499.93	3/4	2,238.39	3/4	1,976.85	3/4	1,715.30		
9	9	9	9	9	9	9	3,275.14	9	3,015.00	9	2,754.86	9	2,494.48	9	2,232.94	9	1,971.40	9	1,709.85		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,269.72	1/4	3,009.58	1/4	2,749.44	1/4	2,489.03	1/4	2,227.49	1/4	1,965.95	1/4	1,704.41		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,264.30	1/2	3,004.16	1/2	2,744.02	1/2	2,483.58	1/2	2,222.04	1/2	1,960.50	1/2	1,698.96		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,258.88	3/4	2,998.74	3/4	2,738.60	3/4	2,478.14	3/4	2,216.59	3/4	1,955.05	3/4	1,693.51		
10	10	10	10	10	10	10	3,253.46	10	2,993.32	10	2,733.18	10	2,472.69	10	2,211.14	10	1,949.60	10	1,688.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,248.04	1/4	2,987.90	1/4	2,727.76	1/4	2,467.24	1/4	2,205.70	1/4	1,944.15	1/4	1,682.61		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,242.62	1/2	2,982.48	1/2	2,722.34	1/2	2,461.79	1/2	2,200.25	1/2	1,938.70	1/2	1,677.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,237.20	3/4	2,977.06	3/4	2,716.92	3/4	2,456.34	3/4	2,194.80	3/4	1,933.26	3/4	1,671.71		
11	11	11	3,456.93	11	3,231.78	11	2,971.64	11	2,711.50	11	2,450.89	11	2,189.35	11	1,927.81	11	1,666.26				
1/4	1/4	1/4	3,456.02	1/4	3,226.36	1/4	2,966.22	1/4	2,706.08	1/4	2,445.44	1/4	2,183.90	1/4	1,922.36	1/4	1,660.82				
1/2	1/2	1/2	3,455.11	1/2	3,220.94	1/2	2,960.80	1/2	2,700.66	1/2	2,439.99	1/2	2,178.45	1/2	1,916.91	1/2	1,655.37				
3/4	3/4	3/4	3,454.20	3/4	3,215.52	3/4	2,955.38	3/4	2,695.24	3/4	2,434.55	3/4	2,173.00	3/4	1,911.46	3/4	1,649.92				

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

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 10536"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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	1,644.47	0	1,382.91	0	1,121.20	0	860.51	0	599.42	0	337.73	0	76.27	0		0		0	
1/4	1,639.02	1/4	1,377.46	1/4	1,115.75	1/4	855.10	1/4	593.97	1/4	332.28	1/4	70.88	1/4		1/4		1/4	
1/2	1,633.57	1/2	1,372.01	1/2	1,110.30	1/2	849.68	1/2	588.52	1/2	326.83	1/2	65.49	1/2		1/2		1/2	
3/4	1,628.12	3/4	1,366.56	3/4	1,104.85	3/4	844.26	3/4	583.07	3/4	321.38	3/4	60.10	3/4		3/4		3/4	
1	1,622.67	1	1,361.10	1	1,099.39	1	838.85	1	577.62	1	315.92	1	54.71	1		1		1	
1/4	1,617.23	1/4	1,355.65	1/4	1,093.94	1/4	833.43	1/4	572.16	1/4	310.47	1/4	49.37	1/4		1/4		1/4	
1/2	1,611.78	1/2	1,350.20	1/2	1,088.49	1/2	828.02	1/2	566.71	1/2	305.02	1/2	44.03	1/2		1/2		1/2	
3/4	1,606.33	3/4	1,344.75	3/4	1,083.04	3/4	822.60	3/4	561.26	3/4	299.57	3/4	38.70	3/4		3/4		3/4	
2	1,600.88	2	1,339.29	2	1,077.58	2	817.18	2	555.81	2	294.12	2	33.36	2		2		2	
1/4	1,595.43	1/4	1,333.84	1/4	1,072.13	1/4	811.77	1/4	550.36	1/4	288.66	1/4	28.82	1/4		1/4		1/4	
1/2	1,589.98	1/2	1,328.39	1/2	1,066.68	1/2	806.36	1/2	544.90	1/2	283.21	1/2	24.29	1/2		1/2		1/2	
3/4	1,584.53	3/4	1,322.94	3/4	1,061.23	3/4	800.95	3/4	539.45	3/4	277.76	3/4	19.75	3/4		3/4		3/4	
3	1,579.08	3	1,317.49	3	1,055.77	3	795.54	3	534.00	3	272.31	3	15.21	3		3		3	
1/4	1,573.63	1/4	1,312.03	1/4	1,050.32	1/4	790.09	1/4	528.55	1/4	266.86	1/4	12.49	1/4		1/4		1/4	
1/2	1,568.19	1/2	1,306.58	1/2	1,044.87	1/2	784.65	1/2	523.10	1/2	261.41	1/2	9.76	1/2		1/2		1/2	
3/4	1,562.74	3/4	1,301.13	3/4	1,039.42	3/4	779.20	3/4	517.64	3/4	255.95	3/4	7.04	3/4		3/4		3/4	
4	1,557.29	4	1,295.68	4	1,033.97	4	773.75	4	512.19	4	250.50	4	4.31	4		4		4	
1/4	1,551.84	1/4	1,290.22	1/4	1,028.51	1/4	768.31	1/4	506.74	1/4	245.05	1/4	3.40	1/4		1/4		1/4	
1/2	1,546.39	1/2	1,284.77	1/2	1,023.06	1/2	762.86	1/2	501.29	1/2	239.60	1/2	2.50	1/2		1/2		1/2	
3/4	1,540.94	3/4	1,279.32	3/4	1,017.61	3/4	757.41	3/4	495.84	3/4	234.15	3/4	1.59	3/4		3/4		3/4	
5	1,535.49	5	1,273.87	5	1,012.16	5	751.97	5	490.39	5	228.69	5	0.68	5		5		5	
1/4	1,530.04	1/4	1,268.41	1/4	1,006.74	1/4	746.52	1/4	484.93	1/4	223.24	1/4		1/4		1/4		1/4	
1/2	1,524.60	1/2	1,262.96	1/2	1,001.32	1/2	741.07	1/2	479.48	1/2	217.79	1/2		1/2		1/2		1/2	
3/4	1,519.15	3/4	1,257.51	3/4	995.91	3/4	735.62	3/4	474.03	3/4	212.34	3/4		3/4		3/4		3/4	
6	1,513.70	6	1,252.06	6	990.49	6	730.18	6	468.58	6	206.89	6		6		6		6	
1/4	1,508.25	1/4	1,246.61	1/4	985.08	1/4	724.73	1/4	463.13	1/4	201.43	1/4		1/4		1/4		1/4	
1/2	1,502.80	1/2	1,241.15	1/2	979.66	1/2	719.28	1/2	457.67	1/2	195.98	1/2		1/2		1/2		1/2	
3/4	1,497.35	3/4	1,235.70	3/4	974.25	3/4	713.84	3/4	452.22	3/4	190.53	3/4		3/4		3/4		3/4	
7	1,491.90	7	1,230.25	7	968.83	7	708.39	7	446.77	7	185.08	7		7		7		7	
1/4	1,486.45	1/4	1,224.80	1/4	963.41	1/4	702.94	1/4	441.32	1/4	179.63	1/4		1/4		1/4		1/4	
1/2	1,481.01	1/2	1,219.34	1/2	958.00	1/2	697.50	1/2	435.87	1/2	174.18	1/2		1/2		1/2		1/2	
3/4	1,475.56	3/4	1,213.89	3/4	952.58	3/4	692.05	3/4	430.41	3/4	168.72	3/4		3/4		3/4		3/4	
8	1,470.11	8	1,208.44	8	947.17	8	686.60	8	424.96	8	163.27	8		8		8		8	
1/4	1,464.66	1/4	1,202.99	1/4	941.75	1/4	681.16	1/4	419.51	1/4	157.82	1/4		1/4		1/4		1/4	
1/2	1,459.21	1/2	1,197.53	1/2	936.33	1/2	675.71	1/2	414.06	1/2	152.37	1/2		1/2		1/2		1/2	
3/4	1,453.76	3/4	1,192.08	3/4	930.92	3/4	670.26	3/4	408.61	3/4	146.92	3/4		3/4		3/4		3/4	
9	1,448.31	9	1,186.63	9	925.50	9	664.82	9	403.15	9	141.47	9		9		9		9	
1/4	1,442.86	1/4	1,181.18	1/4	920.09	1/4	659.37	1/4	397.70	1/4	136.02	1/4		1/4		1/4		1/4	
1/2	1,437.41	1/2	1,175.73	1/2	914.67	1/2	653.92	1/2	392.25	1/2	130.57	1/2		1/2		1/2		1/2	
3/4	1,431.97	3/4	1,170.27	3/4	909.25	3/4	648.48	3/4	386.80	3/4	125.13	3/4		3/4		3/4		3/4	
10	1,426.52	10	1,164.82	10	903.84	10	643.03	10	381.35	10	119.68	10		10		10		10	
1/4	1,421.07	1/4	1,159.37	1/4	898.42	1/4	637.58	1/4	375.90	1/4	114.25	1/4		1/4		1/4		1/4	
1/2	1,415.62	1/2	1,153.92	1/2	893.01	1/2	632.13	1/2	370.44	1/2	108.81	1/2		1/2		1/2		1/2	
3/4	1,410.17	3/4	1,148.46	3/4	887.59	3/4	626.68	3/4	364.99	3/4	103.37	3/4		3/4		3/4		3/4	
11	1,404.72	11	1,143.01	11	882.17	11	621.23	11	359.54	11	97.94	11		11		11		11	
1/4	1,399.27	1/4	1,137.56	1/4	876.76	1/4	615.78	1/4	354.09	1/4	92.52	1/4		1/4		1/4		1/4	
1/2	1,393.82	1/2	1,132.11	1/2	871.34	1/2	610.33	1/2	348.64	1/2	87.10	1/2		1/2		1/2		1/2	
3/4	1,388.37	3/4	1,126.65	3/4	865.93	3/4	604.87	3/4	343.18	3/4	81.69	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/27/2012 CL - SW
CALCULATED: 06/28/2012 CL
PRINTED: 06/28/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2012

PRECISION MEASUREMENT
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