



BARGE "KIRBY 10112"

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	00-1/4	- 00-1/4	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"

May 28, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10112"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	3,551.16	0	3,298.10	0	3,045.03	0	2,785.40	0	2,489.60	0	2,193.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,766.87	1/4	3,545.89	1/4	3,292.82	1/4	3,039.76	1/4	2,779.24	1/4	2,483.42	1/4	2,186.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,765.84	1/2	3,540.62	1/2	3,287.55	1/2	3,034.49	1/2	2,773.08	1/2	2,477.25	1/2	2,180.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,764.80	3/4	3,535.35	3/4	3,282.28	3/4	3,029.21	3/4	2,766.92	3/4	2,471.07	3/4	2,174.58
1		1		1		1		1	3,763.77	1	3,530.07	1	3,277.01	1	3,023.94	1	2,760.77	1	2,464.89	1	2,168.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,762.74	1/4	3,524.80	1/4	3,271.74	1/4	3,018.67	1/4	2,754.61	1/4	2,458.72	1/4	2,162.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,759.63	1/2	3,519.53	1/2	3,266.46	1/2	3,013.40	1/2	2,748.45	1/2	2,452.54	1/2	2,156.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,756.53	3/4	3,514.26	3/4	3,261.19	3/4	3,008.13	3/4	2,742.29	3/4	2,446.36	3/4	2,149.88
2		2		2		2		2	3,753.43	2	3,508.99	2	3,255.92	2	3,002.85	2	2,736.13	2	2,440.19	2	2,143.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,750.33	1/4	3,503.71	1/4	3,250.65	1/4	2,997.58	1/4	2,729.97	1/4	2,434.01	1/4	2,137.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,746.18	1/2	3,498.44	1/2	3,245.38	1/2	2,992.31	1/2	2,723.82	1/2	2,427.83	1/2	2,131.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,742.03	3/4	3,493.17	3/4	3,240.10	3/4	2,987.04	3/4	2,717.66	3/4	2,421.66	3/4	2,125.17
3		3		3		3		3	3,737.88	3	3,487.90	3	3,234.83	3	2,981.77	3	2,711.50	3	2,415.48	3	2,118.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,733.72	1/4	3,482.62	1/4	3,229.56	1/4	2,976.49	1/4	2,705.34	1/4	2,409.30	1/4	2,112.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,728.59	1/2	3,477.35	1/2	3,224.29	1/2	2,971.22	1/2	2,699.18	1/2	2,403.13	1/2	2,106.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,723.45	3/4	3,472.08	3/4	3,219.01	3/4	2,965.95	3/4	2,693.03	3/4	2,396.95	3/4	2,100.46
4		4		4		4		4	3,718.31	4	3,466.81	4	3,213.74	4	2,960.68	4	2,686.87	4	2,390.77	4	2,094.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,713.17	1/4	3,461.54	1/4	3,208.47	1/4	2,955.40	1/4	2,680.71	1/4	2,384.59	1/4	2,088.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,708.00	1/2	3,456.26	1/2	3,203.20	1/2	2,950.13	1/2	2,674.55	1/2	2,378.42	1/2	2,081.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,702.83	3/4	3,450.99	3/4	3,197.93	3/4	2,944.86	3/4	2,668.39	3/4	2,372.24	3/4	2,075.75
5		5		5		5		5	3,697.65	5	3,445.72	5	3,192.65	5	2,939.59	5	2,662.23	5	2,366.06	5	2,069.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,692.48	1/4	3,440.45	1/4	3,187.38	1/4	2,934.32	1/4	2,656.08	1/4	2,359.89	1/4	2,063.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,687.29	1/2	3,435.17	1/2	3,182.11	1/2	2,929.04	1/2	2,649.92	1/2	2,353.71	1/2	2,057.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,682.10	3/4	3,429.90	3/4	3,176.84	3/4	2,923.77	3/4	2,643.76	3/4	2,347.53	3/4	2,051.05
6		6		6		6		6	3,676.92	6	3,424.63	6	3,171.56	6	2,918.50	6	2,637.60	6	2,341.36	6	2,044.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,671.73	1/4	3,419.36	1/4	3,166.29	1/4	2,913.23	1/4	2,631.44	1/4	2,335.18	1/4	2,038.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,666.54	1/2	3,414.09	1/2	3,161.02	1/2	2,907.95	1/2	2,625.29	1/2	2,329.00	1/2	2,032.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,661.36	3/4	3,408.81	3/4	3,155.75	3/4	2,902.68	3/4	2,619.13	3/4	2,322.83	3/4	2,026.34
7		7		7		7		7	3,656.17	7	3,403.54	7	3,150.48	7	2,897.41	7	2,612.97	7	2,316.65	7	2,020.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,650.99	1/4	3,398.27	1/4	3,145.20	1/4	2,892.14	1/4	2,606.81	1/4	2,310.47	1/4	2,013.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,645.80	1/2	3,393.00	1/2	3,139.93	1/2	2,886.87	1/2	2,600.65	1/2	2,304.30	1/2	2,007.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,640.62	3/4	3,387.72	3/4	3,134.66	3/4	2,881.59	3/4	2,594.49	3/4	2,298.12	3/4	2,001.63
8		8		8		8		8	3,635.43	8	3,382.45	8	3,129.39	8	2,876.32	8	2,588.34	8	2,291.94	8	1,995.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,630.25	1/4	3,377.18	1/4	3,124.11	1/4	2,871.05	1/4	2,582.18	1/4	2,285.77	1/4	1,989.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,624.97	1/2	3,371.91	1/2	3,118.84	1/2	2,865.75	1/2	2,576.02	1/2	2,279.59	1/2	1,983.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,619.70	3/4	3,366.64	3/4	3,113.57	3/4	2,860.45	3/4	2,569.86	3/4	2,273.41	3/4	1,976.93
9		9		9		9		9	3,614.43	9	3,361.36	9	3,108.30	9	2,855.16	9	2,563.70	9	2,267.24	9	1,970.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,609.16	1/4	3,356.09	1/4	3,103.03	1/4	2,849.86	1/4	2,557.55	1/4	2,261.06	1/4	1,964.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,603.88	1/2	3,350.82	1/2	3,097.75	1/2	2,844.56	1/2	2,551.37	1/2	2,254.88	1/2	1,958.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,598.61	3/4	3,345.55	3/4	3,092.48	3/4	2,839.27	3/4	2,545.19	3/4	2,248.71	3/4	1,952.22
10		10		10		10		10	3,593.34	10	3,340.27	10	3,087.21	10	2,833.97	10	2,539.01	10	2,242.53	10	1,946.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,588.07	1/4	3,335.00	1/4	3,081.94	1/4	2,828.67	1/4	2,532.84	1/4	2,236.35	1/4	1,939.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,582.80	1/2	3,329.73	1/2	3,076.66	1/2	2,822.47	1/2	2,526.66	1/2	2,230.17	1/2	1,933.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,577.52	3/4	3,324.46	3/4	3,071.39	3/4	2,816.27	3/4	2,520.48	3/4	2,224.00	3/4	1,927.51
11		11		11		11		11	3,572.25	11	3,319.19	11	3,066.12	11	2,810.07	11	2,514.31	11	2,217.82	11	1,921.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,566.98	1/4	3,313.91	1/4	3,060.85	1/4	2,803.87	1/4	2,508.13	1/4	2,211.64	1/4	1,915.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,561.71	1/2	3,308.64	1/2	3,055.58	1/2	2,797.72	1/2	2,501.95	1/2	2,205.47	1/2	1,908.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,556.43	3/4	3,303.37	3/4	3,050.30	3/4	2,791.56	3/4	2,495.78	3/4	2,199.29	3/4	1,902.80

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10112"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,896.63	0	1,599.91	0	1,303.02	0	1,006.12	0	715.15	0	418.23	0	121.13	0		0		0	
1/4	1,890.45	1/4	1,593.73	1/4	1,296.83	1/4	999.93	1/4	709.06	1/4	412.04	1/4	114.94	1/4	1/4		1/4		1/4
1/2	1,884.27	1/2	1,587.54	1/2	1,290.65	1/2	993.75	1/2	702.89	1/2	405.85	1/2	108.78	1/2	1/2		1/2		1/2
3/4	1,878.10	3/4	1,581.36	3/4	1,284.46	3/4	987.56	3/4	696.72	3/4	399.66	3/4	102.62	3/4	3/4		3/4		3/4
1	1,871.92	1	1,575.17	1	1,278.27	1	981.38	1	690.55	1	393.47	1	96.46	1	1		1		1
1/4	1,865.74	1/4	1,568.99	1/4	1,272.09	1/4	975.19	1/4	684.38	1/4	387.28	1/4	90.29	1/4	1/4		1/4		1/4
1/2	1,859.57	1/2	1,562.80	1/2	1,265.90	1/2	969.07	1/2	678.19	1/2	381.09	1/2	84.16	1/2	1/2		1/2		1/2
3/4	1,853.39	3/4	1,556.62	3/4	1,259.72	3/4	962.94	3/4	672.00	3/4	374.90	3/4	78.03	3/4	3/4		3/4		3/4
2	1,847.21	2	1,550.43	2	1,253.53	2	956.82	2	665.81	2	368.71	2	71.90	2	2		2		2
1/4	1,841.04	1/4	1,544.25	1/4	1,247.35	1/4	950.70	1/4	659.62	1/4	362.52	1/4	65.77	1/4	1/4		1/4		1/4
1/2	1,834.86	1/2	1,538.06	1/2	1,241.16	1/2	944.64	1/2	653.43	1/2	356.33	1/2	59.70	1/2	1/2		1/2		1/2
3/4	1,828.68	3/4	1,531.88	3/4	1,234.98	3/4	938.58	3/4	647.25	3/4	350.14	3/4	53.63	3/4	3/4		3/4		3/4
3	1,822.51	3	1,525.69	3	1,228.79	3	932.52	3	641.06	3	343.95	3	47.56	3	3		3		3
1/4	1,816.33	1/4	1,519.50	1/4	1,222.61	1/4	926.46	1/4	634.87	1/4	337.76	1/4	41.48	1/4	1/4		1/4		1/4
1/2	1,810.14	1/2	1,513.32	1/2	1,216.42	1/2	920.40	1/2	628.68	1/2	331.57	1/2	36.32	1/2	1/2		1/2		1/2
3/4	1,803.96	3/4	1,507.13	3/4	1,210.23	3/4	914.34	3/4	622.49	3/4	325.38	3/4	31.16	3/4	3/4		3/4		3/4
4	1,797.77	4	1,500.95	4	1,204.05	4	908.29	4	616.30	4	319.19	4	26.01	4	4		4		4
1/4	1,791.59	1/4	1,494.76	1/4	1,197.86	1/4	902.23	1/4	610.11	1/4	313.00	1/4	20.85	1/4	1/4		1/4		1/4
1/2	1,785.40	1/2	1,488.58	1/2	1,191.68	1/2	896.18	1/2	603.92	1/2	306.81	1/2	17.75	1/2	1/2		1/2		1/2
3/4	1,779.22	3/4	1,482.39	3/4	1,185.49	3/4	890.14	3/4	597.73	3/4	300.62	3/4	14.65	3/4	3/4		3/4		3/4
5	1,773.03	5	1,476.21	5	1,179.31	5	884.10	5	591.54	5	294.43	5	11.55	5	5		5		5
1/4	1,766.85	1/4	1,470.02	1/4	1,173.12	1/4	878.06	1/4	585.35	1/4	288.24	1/4	8.45	1/4	1/4		1/4		1/4
1/2	1,760.66	1/2	1,463.84	1/2	1,166.94	1/2	872.03	1/2	579.16	1/2	282.05	1/2	7.41	1/2	1/2		1/2		1/2
3/4	1,754.48	3/4	1,457.65	3/4	1,160.75	3/4	866.00	3/4	572.97	3/4	275.87	3/4	6.38	3/4	3/4		3/4		3/4
6	1,748.29	6	1,451.47	6	1,154.57	6	859.98	6	566.78	6	269.68	6	5.35	6	6		6		6
1/4	1,742.11	1/4	1,445.28	1/4	1,148.38	1/4	853.95	1/4	560.59	1/4	263.49	1/4	4.31	1/4	1/4		1/4		1/4
1/2	1,735.92	1/2	1,439.09	1/2	1,142.20	1/2	847.92	1/2	554.40	1/2	257.30	1/2		1/2	1/2		1/2		1/2
3/4	1,729.74	3/4	1,432.91	3/4	1,136.01	3/4	841.90	3/4	548.21	3/4	251.11	3/4		3/4	3/4		3/4		3/4
7	1,723.56	7	1,426.72	7	1,129.82	7	835.87	7	542.02	7	244.92	7		7	7		7		7
1/4	1,717.37	1/4	1,420.54	1/4	1,123.64	1/4	829.85	1/4	535.83	1/4	238.73	1/4		1/4	1/4		1/4		1/4
1/2	1,711.19	1/2	1,414.35	1/2	1,117.45	1/2	823.82	1/2	529.64	1/2	232.54	1/2		1/2	1/2		1/2		1/2
3/4	1,705.01	3/4	1,408.17	3/4	1,111.27	3/4	817.79	3/4	523.45	3/4	226.35	3/4		3/4	3/4		3/4		3/4
8	1,698.83	8	1,401.98	8	1,105.08	8	811.77	8	517.26	8	220.16	8		8	8		8		8
1/4	1,692.64	1/4	1,395.80	1/4	1,098.90	1/4	805.74	1/4	511.07	1/4	213.97	1/4		1/4	1/4		1/4		1/4
1/2	1,686.46	1/2	1,389.61	1/2	1,092.71	1/2	799.71	1/2	504.88	1/2	207.78	1/2		1/2	1/2		1/2		1/2
3/4	1,680.28	3/4	1,383.43	3/4	1,086.53	3/4	793.69	3/4	498.69	3/4	201.59	3/4		3/4	3/4		3/4		3/4
9	1,674.10	9	1,377.24	9	1,080.34	9	787.66	9	492.50	9	195.40	9		9	9		9		9
1/4	1,667.91	1/4	1,371.06	1/4	1,074.16	1/4	781.64	1/4	486.31	1/4	189.21	1/4		1/4	1/4		1/4		1/4
1/2	1,661.73	1/2	1,364.87	1/2	1,067.97	1/2	775.61	1/2	480.13	1/2	183.02	1/2		1/2	1/2		1/2		1/2
3/4	1,655.55	3/4	1,358.68	3/4	1,061.79	3/4	769.58	3/4	473.94	3/4	176.83	3/4		3/4	3/4		3/4		3/4
10	1,649.37	10	1,352.50	10	1,055.60	10	763.56	10	467.75	10	170.64	10		10	10		10		10
1/4	1,643.19	1/4	1,346.31	1/4	1,049.41	1/4	757.53	1/4	461.56	1/4	164.45	1/4		1/4	1/4		1/4		1/4
1/2	1,637.00	1/2	1,340.13	1/2	1,043.23	1/2	751.50	1/2	455.37	1/2	158.26	1/2		1/2	1/2		1/2		1/2
3/4	1,630.82	3/4	1,333.94	3/4	1,037.04	3/4	745.48	3/4	449.18	3/4	152.06	3/4		3/4	3/4		3/4		3/4
11	1,624.64	11	1,327.76	11	1,030.86	11	739.45	11	442.99	11	145.87	11		11	11		11		11
1/4	1,618.46	1/4	1,321.57	1/4	1,024.67	1/4	733.43	1/4	436.80	1/4	139.67	1/4		1/4	1/4		1/4		1/4
1/2	1,612.28	1/2	1,315.39	1/2	1,018.49	1/2	727.34	1/2	430.61	1/2	133.49	1/2		1/2	1/2		1/2		1/2
3/4	1,606.09	3/4	1,309.20	3/4	1,012.30	3/4	721.24	3/4	424.42	3/4	127.31	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2014 SW
CALCULATED: 03/14/2014 CL
VERIFIED: 05/28/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 10112"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	3,257.12	0	2,995.02	0	2,732.92	0	2,470.39	0	2,206.89	0	1,943.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,478.50	1/4	3,251.66	1/4	2,989.56	1/4	2,727.46	1/4	2,464.90	1/4	2,201.40	1/4	1,937.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,477.58	1/2	3,246.20	1/2	2,984.10	1/2	2,722.00	1/2	2,459.41	1/2	2,195.91	1/2	1,932.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,476.67	3/4	3,240.74	3/4	2,978.64	3/4	2,716.54	3/4	2,453.92	3/4	2,190.42	3/4	1,926.93
1		1		1		1		1	3,475.75	1	3,235.28	1	2,973.18	1	2,711.08	1	2,448.43	1	2,184.93	1	1,921.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,474.84	1/4	3,229.82	1/4	2,967.72	1/4	2,705.62	1/4	2,442.94	1/4	2,179.45	1/4	1,915.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,472.09	1/2	3,224.36	1/2	2,962.26	1/2	2,700.16	1/2	2,437.45	1/2	2,173.96	1/2	1,910.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,469.35	3/4	3,218.90	3/4	2,956.80	3/4	2,694.70	3/4	2,431.96	3/4	2,168.47	3/4	1,904.97
2		2		2		2		2	3,466.60	2	3,213.44	2	2,951.34	2	2,689.24	2	2,426.47	2	2,162.98	2	1,899.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,463.85	1/4	3,207.98	1/4	2,945.88	1/4	2,683.78	1/4	2,420.98	1/4	2,157.49	1/4	1,893.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,459.40	1/2	3,202.52	1/2	2,940.42	1/2	2,678.32	1/2	2,415.49	1/2	2,152.00	1/2	1,888.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,454.96	3/4	3,197.06	3/4	2,934.96	3/4	2,672.86	3/4	2,410.00	3/4	2,146.51	3/4	1,883.01
3		3		3		3		3	3,450.51	3	3,191.60	3	2,929.50	3	2,667.40	3	2,404.51	3	2,141.02	3	1,877.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,446.06	1/4	3,186.14	1/4	2,924.04	1/4	2,661.94	1/4	2,399.03	1/4	2,135.53	1/4	1,872.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,440.74	1/2	3,180.68	1/2	2,918.58	1/2	2,656.48	1/2	2,393.54	1/2	2,130.04	1/2	1,866.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,435.42	3/4	3,175.22	3/4	2,913.12	3/4	2,651.02	3/4	2,388.05	3/4	2,124.55	3/4	1,861.05
4		4		4		4		4	3,430.10	4	3,169.76	4	2,907.66	4	2,645.56	4	2,382.56	4	2,119.06	4	1,855.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,424.78	1/4	3,164.30	1/4	2,902.20	1/4	2,640.10	1/4	2,377.07	1/4	2,113.57	1/4	1,850.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,419.43	1/2	3,158.84	1/2	2,896.74	1/2	2,634.64	1/2	2,371.58	1/2	2,108.08	1/2	1,844.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,414.07	3/4	3,153.38	3/4	2,891.28	3/4	2,629.18	3/4	2,366.09	3/4	2,102.59	3/4	1,839.10
5		5		5		5		5	3,408.72	5	3,147.91	5	2,885.82	5	2,623.72	5	2,360.60	5	2,097.10	5	1,833.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,403.37	1/4	3,142.45	1/4	2,880.36	1/4	2,618.26	1/4	2,355.11	1/4	2,091.61	1/4	1,828.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,398.01	1/2	3,136.99	1/2	2,874.89	1/2	2,612.80	1/2	2,349.62	1/2	2,086.12	1/2	1,822.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,392.64	3/4	3,131.53	3/4	2,869.43	3/4	2,607.34	3/4	2,344.13	3/4	2,080.63	3/4	1,817.14
6		6		6		6		6	3,387.28	6	3,126.07	6	2,863.97	6	2,601.87	6	2,338.64	6	2,075.14	6	1,811.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,381.91	1/4	3,120.61	1/4	2,858.51	1/4	2,596.41	1/4	2,333.15	1/4	2,069.66	1/4	1,806.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,376.55	1/2	3,115.15	1/2	2,853.05	1/2	2,590.95	1/2	2,327.66	1/2	2,064.17	1/2	1,800.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,371.19	3/4	3,109.69	3/4	2,847.59	3/4	2,585.49	3/4	2,322.17	3/4	2,058.68	3/4	1,795.18
7		7		7		7		7	3,365.83	7	3,104.23	7	2,842.13	7	2,580.03	7	2,316.68	7	2,053.19	7	1,789.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,360.47	1/4	3,098.77	1/4	2,836.67	1/4	2,574.57	1/4	2,311.19	1/4	2,047.70	1/4	1,784.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,355.11	1/2	3,093.31	1/2	2,831.21	1/2	2,569.11	1/2	2,305.70	1/2	2,042.21	1/2	1,778.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,349.75	3/4	3,087.85	3/4	2,825.75	3/4	2,563.65	3/4	2,300.21	3/4	2,036.72	3/4	1,773.22
8		8		8		8		8	3,344.39	8	3,082.39	8	2,820.29	8	2,558.19	8	2,294.72	8	2,031.23	8	1,767.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,339.03	1/4	3,076.93	1/4	2,814.83	1/4	2,552.73	1/4	2,289.24	1/4	2,025.74	1/4	1,762.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,333.57	1/2	3,071.47	1/2	2,809.37	1/2	2,547.24	1/2	2,283.75	1/2	2,020.25	1/2	1,756.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,328.11	3/4	3,066.01	3/4	2,803.91	3/4	2,541.75	3/4	2,278.26	3/4	2,014.76	3/4	1,751.26
9		9		9		9		9	3,322.65	9	3,060.55	9	2,798.45	9	2,536.26	9	2,272.77	9	2,009.27	9	1,745.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,317.19	1/4	3,055.09	1/4	2,792.99	1/4	2,530.77	1/4	2,267.28	1/4	2,003.78	1/4	1,740.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,311.73	1/2	3,049.63	1/2	2,787.53	1/2	2,525.28	1/2	2,261.79	1/2	1,998.29	1/2	1,734.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,306.27	3/4	3,044.17	3/4	2,782.07	3/4	2,519.79	3/4	2,256.30	3/4	1,992.80	3/4	1,729.31
10		10		10		10		10	3,300.81	10	3,038.71	10	2,776.61	10	2,514.30	10	2,250.81	10	1,987.31	10	1,723.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,295.35	1/4	3,033.25	1/4	2,771.15	1/4	2,508.82	1/4	2,245.32	1/4	1,981.82	1/4	1,718.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,289.89	1/2	3,027.79	1/2	2,765.69	1/2	2,503.33	1/2	2,239.83	1/2	1,976.33	1/2	1,712.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,284.42	3/4	3,022.33	3/4	2,760.23	3/4	2,497.84	3/4	2,234.34	3/4	1,970.84	3/4	1,707.35
11		11		11		11		11	3,278.96	11	3,016.87	11	2,754.77	11	2,492.35	11	2,228.85	11	1,965.35	11	1,701.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,273.50	1/4	3,011.40	1/4	2,749.31	1/4	2,486.86	1/4	2,223.36	1/4	1,959.87	1/4	1,696.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,268.04	1/2	3,005.94	1/2	2,743.85	1/2	2,481.37	1/2	2,217.87	1/2	1,954.38	1/2	1,690.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,262.58	3/4	3,000.48	3/4	2,738.38	3/4	2,475.88	3/4	2,212.38	3/4	1,948.89	3/4	1,685.39

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10112"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,679.90	0	1,416.40	0	1,152.74	0	890.85	0	631.32	0	367.72	0	104.14	0		0		0	
1/4	1,674.41	1/4	1,410.92	1/4	1,147.25	1/4	885.45	1/4	625.87	1/4	362.22	1/4	98.67	1/4	1/4	1/4		1/4	
1/2	1,668.92	1/2	1,405.42	1/2	1,141.75	1/2	880.04	1/2	620.38	1/2	356.73	1/2	93.21	1/2	1/2	1/2		1/2	
3/4	1,663.43	3/4	1,399.93	3/4	1,136.26	3/4	874.63	3/4	614.88	3/4	351.24	3/4	87.75	3/4	3/4	3/4		3/4	
1	1,657.94	1	1,394.44	1	1,130.77	1	869.22	1	609.39	1	345.75	1	82.29	1	1	1		1	
1/4	1,652.45	1/4	1,388.94	1/4	1,125.27	1/4	863.81	1/4	603.90	1/4	340.25	1/4	76.84	1/4	1/4	1/4		1/4	
1/2	1,646.96	1/2	1,383.45	1/2	1,119.78	1/2	858.41	1/2	598.41	1/2	334.76	1/2	71.41	1/2	1/2	1/2		1/2	
3/4	1,641.47	3/4	1,377.96	3/4	1,114.29	3/4	853.00	3/4	592.92	3/4	329.27	3/4	65.98	3/4	3/4	3/4		3/4	
2	1,635.98	2	1,372.46	2	1,108.79	2	847.59	2	587.42	2	323.77	2	60.55	2	2	2		2	
1/4	1,630.50	1/4	1,366.97	1/4	1,103.30	1/4	842.18	1/4	581.93	1/4	318.28	1/4	55.12	1/4	1/4	1/4		1/4	
1/2	1,625.01	1/2	1,361.48	1/2	1,097.81	1/2	836.77	1/2	576.44	1/2	312.79	1/2	49.74	1/2	1/2	1/2		1/2	
3/4	1,619.52	3/4	1,355.98	3/4	1,092.32	3/4	831.37	3/4	570.95	3/4	307.30	3/4	44.36	3/4	3/4	3/4		3/4	
3	1,614.03	3	1,350.49	3	1,086.82	3	825.96	3	565.45	3	301.80	3	38.98	3	3	3		3	
1/4	1,608.54	1/4	1,345.00	1/4	1,081.33	1/4	820.55	1/4	559.96	1/4	296.31	1/4	33.60	1/4	1/4	1/4		1/4	
1/2	1,603.05	1/2	1,339.50	1/2	1,075.84	1/2	815.15	1/2	554.47	1/2	290.82	1/2	29.03	1/2	1/2	1/2		1/2	
3/4	1,597.56	3/4	1,334.01	3/4	1,070.34	3/4	809.74	3/4	548.98	3/4	285.33	3/4	24.46	3/4	3/4	3/4		3/4	
4	1,592.07	4	1,328.52	4	1,064.85	4	804.34	4	543.48	4	279.83	4	19.89	4	4	4		4	
1/4	1,586.58	1/4	1,323.03	1/4	1,059.36	1/4	798.94	1/4	537.99	1/4	274.34	1/4	15.32	1/4	1/4	1/4		1/4	
1/2	1,581.09	1/2	1,317.53	1/2	1,053.86	1/2	793.54	1/2	532.50	1/2	268.85	1/2	12.58	1/2	1/2	1/2		1/2	
3/4	1,575.60	3/4	1,312.04	3/4	1,048.37	3/4	788.13	3/4	527.00	3/4	263.36	3/4	9.83	3/4	3/4	3/4		3/4	
5	1,570.11	5	1,306.55	5	1,042.88	5	782.73	5	521.51	5	257.86	5	7.09	5	5	5		5	
1/4	1,564.62	1/4	1,301.05	1/4	1,037.38	1/4	777.33	1/4	516.02	1/4	252.37	1/4	4.34	1/4	1/4	1/4		1/4	
1/2	1,559.13	1/2	1,295.56	1/2	1,031.89	1/2	771.92	1/2	510.53	1/2	246.88	1/2	3.42	1/2	1/2	1/2		1/2	
3/4	1,553.64	3/4	1,290.07	3/4	1,026.40	3/4	766.52	3/4	505.03	3/4	241.38	3/4	2.51	3/4	3/4	3/4		3/4	
6	1,548.15	6	1,284.57	6	1,020.91	6	761.12	6	499.54	6	235.89	6	1.59	6	6	6		6	
1/4	1,542.66	1/4	1,279.08	1/4	1,015.41	1/4	755.72	1/4	494.05	1/4	230.40	1/4	0.68	1/4	1/4	1/4		1/4	
1/2	1,537.17	1/2	1,273.59	1/2	1,009.96	1/2	750.31	1/2	488.56	1/2	224.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,531.68	3/4	1,268.09	3/4	1,004.51	3/4	744.91	3/4	483.06	3/4	219.41	3/4		3/4	3/4	3/4		3/4	
7	1,526.19	7	1,262.60	7	999.06	7	739.51	7	477.57	7	213.92	7		7	7	7		7	
1/4	1,520.71	1/4	1,257.11	1/4	993.61	1/4	734.10	1/4	472.08	1/4	208.43	1/4		1/4	1/4	1/4		1/4	
1/2	1,515.22	1/2	1,251.62	1/2	988.20	1/2	728.70	1/2	466.58	1/2	202.94	1/2		1/2	1/2	1/2		1/2	
3/4	1,509.73	3/4	1,246.12	3/4	982.79	3/4	723.30	3/4	461.09	3/4	197.44	3/4		3/4	3/4	3/4		3/4	
8	1,504.24	8	1,240.63	8	977.38	8	717.90	8	455.60	8	191.95	8		8	8	8		8	
1/4	1,498.75	1/4	1,235.14	1/4	971.98	1/4	712.49	1/4	450.11	1/4	186.46	1/4		1/4	1/4	1/4		1/4	
1/2	1,493.26	1/2	1,229.64	1/2	966.57	1/2	707.09	1/2	444.61	1/2	180.96	1/2		1/2	1/2	1/2		1/2	
3/4	1,487.77	3/4	1,224.15	3/4	961.16	3/4	701.69	3/4	439.12	3/4	175.47	3/4		3/4	3/4	3/4		3/4	
9	1,482.28	9	1,218.66	9	955.75	9	696.28	9	433.63	9	169.98	9		9	9	9		9	
1/4	1,476.79	1/4	1,213.16	1/4	950.34	1/4	690.88	1/4	428.14	1/4	164.49	1/4		1/4	1/4	1/4		1/4	
1/2	1,471.30	1/2	1,207.67	1/2	944.94	1/2	685.48	1/2	422.64	1/2	158.99	1/2		1/2	1/2	1/2		1/2	
3/4	1,465.81	3/4	1,202.18	3/4	939.53	3/4	680.08	3/4	417.15	3/4	153.50	3/4		3/4	3/4	3/4		3/4	
10	1,460.32	10	1,196.68	10	934.12	10	674.67	10	411.66	10	148.01	10		10	10	10		10	
1/4	1,454.83	1/4	1,191.19	1/4	928.71	1/4	669.27	1/4	406.17	1/4	142.52	1/4		1/4	1/4	1/4		1/4	
1/2	1,449.34	1/2	1,185.70	1/2	923.30	1/2	663.87	1/2	400.67	1/2	137.03	1/2		1/2	1/2	1/2		1/2	
3/4	1,443.85	3/4	1,180.21	3/4	917.90	3/4	658.47	3/4	395.18	3/4	131.54	3/4		3/4	3/4	3/4		3/4	
11	1,438.36	11	1,174.71	11	912.49	11	653.07	11	389.69	11	126.06	11		11	11	11		11	
1/4	1,432.87	1/4	1,169.22	1/4	907.08	1/4	647.66	1/4	384.19	1/4	120.57	1/4		1/4	1/4	1/4		1/4	
1/2	1,427.38	1/2	1,163.73	1/2	901.67	1/2	642.21	1/2	378.70	1/2	115.09	1/2		1/2	1/2	1/2		1/2	
3/4	1,421.89	3/4	1,158.23	3/4	896.26	3/4	636.76	3/4	373.21	3/4	109.62	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2014 SW
CALCULATED: 03/14/2014 CL
VERIFIED: 05/28/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 10112"

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		
0		0		0		0		0	3,238.61	0	2,978.79	0	2,718.96	0	2,458.73	0	2,197.52	0	1,936.30		
1/4		1/4		1/4		1/4		1/4	3,233.20	1/4	2,973.38	1/4	2,713.55	1/4	2,453.29	1/4	2,192.08	1/4	1,930.86		
1/2		1/2		1/2		1/2		1/2	3,452.65	1/2	3,227.79	1/2	2,967.96	1/2	2,708.14	1/2	2,447.85	1/2	2,186.63	1/2	1,925.42
3/4		3/4		3/4		3/4		3/4	3,451.74	3/4	3,222.37	3/4	2,962.55	3/4	2,702.73	3/4	2,442.41	3/4	2,181.19	3/4	1,919.98
1		1		1		1		1	3,216.96	1	2,957.14	1	2,697.31	1	2,436.97	1	2,175.75	1	1,914.53		
1/4		1/4		1/4		1/4		1/4	3,449.93	1/4	3,211.55	1/4	2,951.72	1/4	2,691.90	1/4	2,431.52	1/4	2,170.31	1/4	1,909.09
1/2		1/2		1/2		1/2		1/2	3,449.02	1/2	3,206.13	1/2	2,946.31	1/2	2,686.49	1/2	2,426.08	1/2	2,164.87	1/2	1,903.65
3/4		3/4		3/4		3/4		3/4	3,446.30	3/4	3,200.72	3/4	2,940.90	3/4	2,681.07	3/4	2,420.64	3/4	2,159.42	3/4	1,898.21
2		2		2		2		2	3,443.57	2	3,173.31	2	2,935.48	2	2,675.66	2	2,415.20	2	2,153.98	2	1,892.77
1/4		1/4		1/4		1/4		1/4	3,440.85	1/4	3,189.90	1/4	2,930.07	1/4	2,670.25	1/4	2,409.76	1/4	2,148.54	1/4	1,887.32
1/2		1/2		1/2		1/2		1/2	3,438.13	1/2	3,184.48	1/2	2,924.66	1/2	2,664.83	1/2	2,404.31	1/2	2,143.10	1/2	1,881.88
3/4		3/4		3/4		3/4		3/4	3,433.72	3/4	3,179.07	3/4	2,919.25	3/4	2,659.42	3/4	2,398.87	3/4	2,137.66	3/4	1,876.44
3		3		3		3		3	3,429.31	3	3,173.66	3	2,913.83	3	2,654.01	3	2,393.43	3	2,132.21	3	1,871.00
1/4		1/4		1/4		1/4		1/4	3,424.90	1/4	3,168.24	1/4	2,908.42	1/4	2,648.60	1/4	2,387.99	1/4	2,126.77	1/4	1,865.56
1/2		1/2		1/2		1/2		1/2	3,420.50	1/2	3,162.83	1/2	2,903.01	1/2	2,643.18	1/2	2,382.55	1/2	2,121.33	1/2	1,860.11
3/4		3/4		3/4		3/4		3/4	3,415.22	3/4	3,157.42	3/4	2,897.59	3/4	2,637.77	3/4	2,377.10	3/4	2,115.89	3/4	1,854.67
4		4		4		4		4	3,409.95	4	3,152.00	4	2,892.18	4	2,632.36	4	2,371.66	4	2,110.45	4	1,849.23
1/4		1/4		1/4		1/4		1/4	3,404.67	1/4	3,146.59	1/4	2,886.77	1/4	2,626.94	1/4	2,366.22	1/4	2,105.00	1/4	1,843.79
1/2		1/2		1/2		1/2		1/2	3,399.40	1/2	3,141.18	1/2	2,881.35	1/2	2,621.53	1/2	2,360.78	1/2	2,099.56	1/2	1,838.35
3/4		3/4		3/4		3/4		3/4	3,394.09	3/4	3,135.77	3/4	2,875.94	3/4	2,616.12	3/4	2,355.34	3/4	2,094.12	3/4	1,832.90
5		5		5		5		5	3,388.79	5	3,130.35	5	2,870.53	5	2,610.70	5	2,349.89	5	2,088.68	5	1,827.46
1/4		1/4		1/4		1/4		1/4	3,383.48	1/4	3,124.94	1/4	2,865.12	1/4	2,605.29	1/4	2,344.45	1/4	2,083.24	1/4	1,822.02
1/2		1/2		1/2		1/2		1/2	3,378.18	1/2	3,119.53	1/2	2,859.70	1/2	2,599.88	1/2	2,339.01	1/2	2,077.79	1/2	1,816.58
3/4		3/4		3/4		3/4		3/4	3,372.86	3/4	3,114.11	3/4	2,854.29	3/4	2,594.47	3/4	2,333.57	3/4	2,072.35	3/4	1,811.14
6		6		6		6		6	3,367.54	6	3,108.70	6	2,848.88	6	2,589.05	6	2,328.13	6	2,066.91	6	1,805.69
1/4		1/4		1/4		1/4		1/4	3,362.22	1/4	3,103.29	1/4	2,843.46	1/4	2,583.64	1/4	2,322.68	1/4	2,061.47	1/4	1,800.25
1/2		1/2		1/2		1/2		1/2	3,356.90	1/2	3,097.87	1/2	2,838.05	1/2	2,578.23	1/2	2,317.24	1/2	2,056.03	1/2	1,794.81
3/4		3/4		3/4		3/4		3/4	3,351.59	3/4	3,092.46	3/4	2,832.64	3/4	2,572.81	3/4	2,311.80	3/4	2,050.58	3/4	1,789.37
7		7		7		7		7	3,346.27	7	3,087.05	7	2,827.22	7	2,567.40	7	2,306.36	7	2,045.14	7	1,783.93
1/4		1/4		1/4		1/4		1/4	3,340.96	1/4	3,081.64	1/4	2,821.81	1/4	2,561.99	1/4	2,300.92	1/4	2,039.70	1/4	1,778.48
1/2		1/2		1/2		1/2		1/2	3,335.65	1/2	3,076.22	1/2	2,816.40	1/2	2,556.57	1/2	2,295.47	1/2	2,034.26	1/2	1,773.04
3/4		3/4		3/4		3/4		3/4	3,330.33	3/4	3,070.81	3/4	2,810.99	3/4	2,551.16	3/4	2,290.03	3/4	2,028.82	3/4	1,767.60
8		8		8		8		8	3,325.02	8	3,065.40	8	2,805.57	8	2,545.75	8	2,284.59	8	2,023.37	8	1,762.16
1/4		1/4		1/4		1/4		1/4	3,319.71	1/4	3,059.98	1/4	2,800.16	1/4	2,540.34	1/4	2,279.15	1/4	2,017.93	1/4	1,756.72
1/2		1/2		1/2		1/2		1/2	3,314.39	1/2	3,054.57	1/2	2,794.75	1/2	2,534.92	1/2	2,273.71	1/2	2,012.49	1/2	1,751.27
3/4		3/4		3/4		3/4		3/4	3,308.98	3/4	3,049.16	3/4	2,789.33	3/4	2,529.48	3/4	2,268.26	3/4	2,007.05	3/4	1,745.83
9		9		9		9		9	3,303.57	9	3,043.74	9	2,783.92	9	2,524.04	9	2,262.82	9	2,001.61	9	1,740.39
1/4		1/4		1/4		1/4		1/4	3,298.16	1/4	3,038.33	1/4	2,778.51	1/4	2,518.60	1/4	2,257.38	1/4	1,996.16	1/4	1,734.95
1/2		1/2		1/2		1/2		1/2	3,292.74	1/2	3,032.92	1/2	2,773.09	1/2	2,513.15	1/2	2,251.94	1/2	1,990.72	1/2	1,729.51
3/4		3/4		3/4		3/4		3/4	3,287.33	3/4	3,027.51	3/4	2,767.68	3/4	2,507.71	3/4	2,246.50	3/4	1,985.28	3/4	1,724.06
10		10		10		10		10	3,281.92	10	3,022.09	10	2,762.27	10	2,502.27	10	2,241.05	10	1,979.84	10	1,718.62
1/4		1/4		1/4		1/4		1/4	3,276.50	1/4	3,016.68	1/4	2,756.86	1/4	2,496.83	1/4	2,235.61	1/4	1,974.40	1/4	1,713.18
1/2		1/2		1/2		1/2		1/2	3,271.09	1/2	3,011.27	1/2	2,751.44	1/2	2,491.39	1/2	2,230.17	1/2	1,968.95	1/2	1,707.74
3/4		3/4		3/4		3/4		3/4	3,265.68	3/4	3,005.85	3/4	2,746.03	3/4	2,485.94	3/4	2,224.73	3/4	1,963.51	3/4	1,702.30
11		11		11		11		11	3,260.26	11	3,000.44	11	2,740.62	11	2,480.50	11	2,219.29	11	1,958.07	11	1,696.85
1/4		1/4		1/4		1/4		1/4	3,254.85	1/4	2,995.03	1/4	2,735.20	1/4	2,475.06	1/4	2,213.84	1/4	1,952.63	1/4	1,691.41
1/2		1/2		1/2		1/2		1/2	3,249.44	1/2	2,989.61	1/2	2,729.79	1/2	2,469.62	1/2	2,208.40	1/2	1,947.19	1/2	1,685.97
3/4		3/4		3/4		3/4		3/4	3,244.03	3/4	2,984.20	3/4	2,724.38	3/4	2,464.18	3/4	2,202.96	3/4	1,941.74	3/4	1,680.53

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 10112"

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	1,675.09	0	1,413.87	0	1,152.49	0	891.90	0	631.35	0	369.99	0	108.68	0		0		0	
1/4	1,669.64	1/4	1,408.43	1/4	1,147.04	1/4	886.49	1/4	625.90	1/4	364.54	1/4	103.25	1/4	1/4		1/4		1/4
1/2	1,664.20	1/2	1,402.99	1/2	1,141.60	1/2	881.08	1/2	620.46	1/2	359.10	1/2	97.82	1/2	1/2		1/2		1/2
3/4	1,658.76	3/4	1,397.54	3/4	1,136.15	3/4	875.67	3/4	615.02	3/4	353.65	3/4	92.41	3/4	3/4		3/4		3/4
1	1,653.32	1	1,392.10	1	1,130.71	1	870.26	1	609.57	1	348.21	1	87.00	1	1		1		1
1/4	1,647.88	1/4	1,386.65	1/4	1,125.26	1/4	864.86	1/4	604.13	1/4	342.76	1/4	81.59	1/4	1/4		1/4		1/4
1/2	1,642.43	1/2	1,381.20	1/2	1,119.82	1/2	859.45	1/2	598.69	1/2	337.32	1/2	76.18	1/2	1/2		1/2		1/2
3/4	1,636.99	3/4	1,375.76	3/4	1,114.37	3/4	854.04	3/4	593.24	3/4	331.87	3/4	70.79	3/4	3/4		3/4		3/4
2	1,631.55	2	1,370.31	2	1,108.92	2	848.63	2	587.79	2	326.43	2	65.41	2	2		2		2
1/4	1,626.11	1/4	1,364.87	1/4	1,103.48	1/4	843.22	1/4	582.35	1/4	320.98	1/4	60.03	1/4	1/4		1/4		1/4
1/2	1,620.67	1/2	1,359.42	1/2	1,098.03	1/2	837.81	1/2	576.90	1/2	315.53	1/2	54.65	1/2	1/2		1/2		1/2
3/4	1,615.22	3/4	1,353.98	3/4	1,092.59	3/4	832.40	3/4	571.46	3/4	310.09	3/4	49.31	3/4	3/4		3/4		3/4
3	1,609.78	3	1,348.53	3	1,087.14	3	826.99	3	566.01	3	304.64	3	43.98	3	3		3		3
1/4	1,604.34	1/4	1,343.09	1/4	1,081.70	1/4	821.58	1/4	560.57	1/4	299.20	1/4	38.65	1/4	1/4		1/4		1/4
1/2	1,598.90	1/2	1,337.64	1/2	1,076.25	1/2	816.17	1/2	555.12	1/2	293.75	1/2	33.31	1/2	1/2		1/2		1/2
3/4	1,593.46	3/4	1,332.19	3/4	1,070.81	3/4	810.77	3/4	549.68	3/4	288.31	3/4	28.79	3/4	3/4		3/4		3/4
4	1,588.01	4	1,326.75	4	1,065.36	4	805.36	4	544.23	4	282.86	4	24.26	4	4		4		4
1/4	1,582.57	1/4	1,321.30	1/4	1,059.91	1/4	799.96	1/4	538.79	1/4	277.42	1/4	19.73	1/4	1/4		1/4		1/4
1/2	1,577.13	1/2	1,315.86	1/2	1,054.47	1/2	794.56	1/2	533.34	1/2	271.97	1/2	15.20	1/2	1/2		1/2		1/2
3/4	1,571.69	3/4	1,310.41	3/4	1,049.02	3/4	789.12	3/4	527.90	3/4	266.53	3/4	12.47	3/4	3/4		3/4		3/4
5	1,566.25	5	1,304.97	5	1,043.58	5	783.68	5	522.45	5	261.08	5	9.75	5	5		5		5
1/4	1,560.80	1/4	1,299.52	1/4	1,038.13	1/4	778.24	1/4	517.01	1/4	255.64	1/4	7.03	1/4	1/4		1/4		1/4
1/2	1,555.36	1/2	1,294.07	1/2	1,032.69	1/2	772.80	1/2	511.56	1/2	250.19	1/2	4.31	1/2	1/2		1/2		1/2
3/4	1,549.92	3/4	1,288.63	3/4	1,027.24	3/4	767.36	3/4	506.12	3/4	244.75	3/4	3.40	3/4	3/4		3/4		3/4
6	1,544.48	6	1,283.18	6	1,021.79	6	761.92	6	500.67	6	239.30	6	2.49	6	6		6		6
1/4	1,539.04	1/4	1,277.74	1/4	1,016.35	1/4	756.48	1/4	495.23	1/4	233.86	1/4	1.59	1/4	1/4		1/4		1/4
1/2	1,533.59	1/2	1,272.29	1/2	1,010.90	1/2	751.04	1/2	489.78	1/2	228.41	1/2	0.68	1/2	1/2		1/2		1/2
3/4	1,528.15	3/4	1,266.85	3/4	1,005.49	3/4	745.60	3/4	484.34	3/4	222.97	3/4		3/4	3/4		3/4		3/4
7	1,522.71	7	1,261.40	7	1,000.09	7	740.16	7	478.89	7	217.52	7		7	7		7		7
1/4	1,517.27	1/4	1,255.96	1/4	994.68	1/4	734.72	1/4	473.45	1/4	212.08	1/4		1/4	1/4		1/4		1/4
1/2	1,511.83	1/2	1,250.51	1/2	989.27	1/2	729.28	1/2	468.00	1/2	206.63	1/2		1/2	1/2		1/2		1/2
3/4	1,506.38	3/4	1,245.06	3/4	983.86	3/4	723.83	3/4	462.56	3/4	201.19	3/4		3/4	3/4		3/4		3/4
8	1,500.94	8	1,239.62	8	978.45	8	718.39	8	457.11	8	195.74	8		8	8		8		8
1/4	1,495.50	1/4	1,234.17	1/4	973.04	1/4	712.95	1/4	451.66	1/4	190.30	1/4		1/4	1/4		1/4		1/4
1/2	1,490.06	1/2	1,228.73	1/2	967.63	1/2	707.51	1/2	446.22	1/2	184.85	1/2		1/2	1/2		1/2		1/2
3/4	1,484.62	3/4	1,223.28	3/4	962.22	3/4	702.07	3/4	440.77	3/4	179.40	3/4		3/4	3/4		3/4		3/4
9	1,479.17	9	1,217.84	9	956.81	9	696.63	9	435.33	9	173.96	9		9	9		9		9
1/4	1,473.73	1/4	1,212.39	1/4	951.40	1/4	691.19	1/4	429.88	1/4	168.51	1/4		1/4	1/4		1/4		1/4
1/2	1,468.29	1/2	1,206.95	1/2	945.99	1/2	685.75	1/2	424.44	1/2	163.07	1/2		1/2	1/2		1/2		1/2
3/4	1,462.85	3/4	1,201.50	3/4	940.58	3/4	680.31	3/4	418.99	3/4	157.62	3/4		3/4	3/4		3/4		3/4
10	1,457.41	10	1,196.05	10	935.17	10	674.87	10	413.55	10	152.18	10		10	10		10		10
1/4	1,451.96	1/4	1,190.61	1/4	929.77	1/4	669.43	1/4	408.10	1/4	146.74	1/4		1/4	1/4		1/4		1/4
1/2	1,446.52	1/2	1,185.16	1/2	924.36	1/2	663.99	1/2	402.66	1/2	141.29	1/2		1/2	1/2		1/2		1/2
3/4	1,441.08	3/4	1,179.72	3/4	918.95	3/4	658.55	3/4	397.21	3/4	135.85	3/4		3/4	3/4		3/4		3/4
11	1,435.64	11	1,174.27	11	913.54	11	653.11	11	391.77	11	130.41	11		11	11		11		11
1/4	1,430.20	1/4	1,168.83	1/4	908.13	1/4	647.68	1/4	386.32	1/4	124.97	1/4		1/4	1/4		1/4		1/4
1/2	1,424.75	1/2	1,163.38	1/2	902.72	1/2	642.24	1/2	380.88	1/2	119.53	1/2		1/2	1/2		1/2		1/2
3/4	1,419.31	3/4	1,157.93	3/4	897.31	3/4	636.79	3/4	375.43	3/4	114.10	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/13/2014 SW
CALCULATED: 03/14/2014 CL
VERIFIED: 05/28/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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