



BARGE "KIRBY 10106"

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

March 5, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10106"

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	3,551.34	0	3,298.26	0	3,045.18	0	2,785.53	0	2,489.72	0	2,193.22
1/4		1/4		1/4		1/4	3,767.05	1/4	3,546.07	1/4	3,292.99	1/4	3,039.91	1/4	2,779.38	1/4	2,483.55	1/4	2,187.04
1/2		1/2		1/2		1/2	3,766.02	1/2	3,540.80	1/2	3,287.72	1/2	3,034.64	1/2	2,773.22	1/2	2,477.37	1/2	2,180.87
3/4		3/4		3/4		3/4	3,764.99	3/4	3,535.52	3/4	3,282.44	3/4	3,029.36	3/4	2,767.06	3/4	2,471.19	3/4	2,174.69
1		1		1		1	3,763.95	1	3,530.25	1	3,277.17	1	3,024.09	1	2,760.90	1	2,465.01	1	2,168.51
1/4		1/4		1/4		1/4	3,762.92	1/4	3,524.98	1/4	3,271.90	1/4	3,018.82	1/4	2,754.74	1/4	2,458.84	1/4	2,162.34
1/2		1/2		1/2		1/2	3,759.82	1/2	3,519.71	1/2	3,266.63	1/2	3,013.55	1/2	2,748.58	1/2	2,452.66	1/2	2,156.16
3/4		3/4		3/4		3/4	3,756.72	3/4	3,514.43	3/4	3,261.35	3/4	3,008.27	3/4	2,742.43	3/4	2,446.48	3/4	2,149.98
2		2		2		2	3,753.62	2	3,509.16	2	3,256.08	2	3,003.00	2	2,736.27	2	2,440.31	2	2,143.80
1/4		1/4		1/4		1/4	3,750.51	1/4	3,503.89	1/4	3,250.81	1/4	2,997.73	1/4	2,730.11	1/4	2,434.13	1/4	2,137.63
1/2		1/2		1/2		1/2	3,746.36	1/2	3,498.62	1/2	3,245.54	1/2	2,992.46	1/2	2,723.95	1/2	2,427.95	1/2	2,131.45
3/4		3/4		3/4		3/4	3,742.21	3/4	3,493.34	3/4	3,240.26	3/4	2,987.18	3/4	2,717.79	3/4	2,421.77	3/4	2,125.27
3		3		3		3	3,738.06	3	3,488.07	3	3,234.99	3	2,981.91	3	2,711.63	3	2,415.60	3	2,119.10
1/4		1/4		1/4		1/4	3,733.91	1/4	3,482.80	1/4	3,229.72	1/4	2,976.64	1/4	2,705.47	1/4	2,409.42	1/4	2,112.92
1/2		1/2		1/2		1/2	3,728.77	1/2	3,477.53	1/2	3,224.45	1/2	2,971.37	1/2	2,699.32	1/2	2,403.24	1/2	2,106.74
3/4		3/4		3/4		3/4	3,723.63	3/4	3,472.25	3/4	3,219.17	3/4	2,966.09	3/4	2,693.16	3/4	2,397.07	3/4	2,100.56
4		4		4		4	3,718.49	4	3,466.98	4	3,213.90	4	2,960.82	4	2,687.00	4	2,390.89	4	2,094.39
1/4		1/4		1/4		1/4	3,713.35	1/4	3,461.71	1/4	3,208.63	1/4	2,955.55	1/4	2,680.84	1/4	2,384.71	1/4	2,088.21
1/2		1/2		1/2		1/2	3,708.18	1/2	3,456.44	1/2	3,203.36	1/2	2,950.28	1/2	2,674.68	1/2	2,378.53	1/2	2,082.03
3/4		3/4		3/4		3/4	3,703.01	3/4	3,451.16	3/4	3,198.08	3/4	2,945.00	3/4	2,668.52	3/4	2,372.36	3/4	2,075.86
5		5		5		5	3,697.83	5	3,445.89	5	3,192.81	5	2,939.73	5	2,662.36	5	2,366.18	5	2,069.68
1/4		1/4		1/4		1/4	3,692.66	1/4	3,440.62	1/4	3,187.54	1/4	2,934.46	1/4	2,656.21	1/4	2,360.00	1/4	2,063.50
1/2		1/2		1/2		1/2	3,687.47	1/2	3,435.35	1/2	3,182.27	1/2	2,929.19	1/2	2,650.05	1/2	2,353.83	1/2	2,057.33
3/4		3/4		3/4		3/4	3,682.28	3/4	3,430.07	3/4	3,176.99	3/4	2,923.91	3/4	2,643.89	3/4	2,347.65	3/4	2,051.15
6		6		6		6	3,677.10	6	3,424.80	6	3,171.72	6	2,918.64	6	2,637.73	6	2,341.47	6	2,044.97
1/4		1/4		1/4		1/4	3,671.91	1/4	3,419.53	1/4	3,166.45	1/4	2,913.37	1/4	2,631.57	1/4	2,335.29	1/4	2,038.79
1/2		1/2		1/2		1/2	3,666.72	1/2	3,414.26	1/2	3,161.18	1/2	2,908.10	1/2	2,625.41	1/2	2,329.12	1/2	2,032.62
3/4		3/4		3/4		3/4	3,661.54	3/4	3,408.98	3/4	3,155.90	3/4	2,902.82	3/4	2,619.26	3/4	2,322.94	3/4	2,026.44
7		7		7		7	3,656.35	7	3,403.71	7	3,150.63	7	2,897.55	7	2,613.10	7	2,316.76	7	2,020.26
1/4		1/4		1/4		1/4	3,651.17	1/4	3,398.44	1/4	3,145.36	1/4	2,892.28	1/4	2,606.94	1/4	2,310.59	1/4	2,014.09
1/2		1/2		1/2		1/2	3,645.98	1/2	3,393.17	1/2	3,140.09	1/2	2,887.01	1/2	2,600.78	1/2	2,304.41	1/2	2,007.91
3/4		3/4		3/4		3/4	3,640.80	3/4	3,387.89	3/4	3,134.81	3/4	2,881.73	3/4	2,594.62	3/4	2,298.23	3/4	2,001.73
8		8		8		8	3,635.61	8	3,382.62	8	3,129.54	8	2,876.46	8	2,588.46	8	2,292.05	8	1,995.55
1/4		1/4		1/4		1/4	3,630.43	1/4	3,377.35	1/4	3,124.27	1/4	2,871.19	1/4	2,582.30	1/4	2,285.88	1/4	1,989.38
1/2		1/2		1/2		1/2	3,625.16	1/2	3,372.08	1/2	3,119.00	1/2	2,865.89	1/2	2,576.15	1/2	2,279.70	1/2	1,983.20
3/4		3/4		3/4		3/4	3,619.88	3/4	3,366.80	3/4	3,113.72	3/4	2,860.59	3/4	2,569.99	3/4	2,273.52	3/4	1,977.02
9		9		9		9	3,614.61	9	3,361.53	9	3,108.45	9	2,855.30	9	2,563.83	9	2,267.35	9	1,970.85
1/4		1/4		1/4		1/4	3,609.34	1/4	3,356.26	1/4	3,103.18	1/4	2,850.00	1/4	2,557.67	1/4	2,261.17	1/4	1,964.67
1/2		1/2		1/2		1/2	3,604.07	1/2	3,350.99	1/2	3,097.91	1/2	2,844.70	1/2	2,551.49	1/2	2,254.99	1/2	1,958.49
3/4		3/4		3/4		3/4	3,598.79	3/4	3,345.71	3/4	3,092.63	3/4	2,839.40	3/4	2,545.32	3/4	2,248.82	3/4	1,952.31
10		10		10		10	3,593.52	10	3,340.44	10	3,087.36	10	2,834.11	10	2,539.14	10	2,242.64	10	1,946.14
1/4		1/4		1/4		1/4	3,588.25	1/4	3,335.17	1/4	3,082.09	1/4	2,828.81	1/4	2,532.96	1/4	2,236.46	1/4	1,939.96
1/2		1/2		1/2		1/2	3,582.98	1/2	3,329.90	1/2	3,076.82	1/2	2,822.61	1/2	2,526.78	1/2	2,230.28	1/2	1,933.78
3/4		3/4		3/4		3/4	3,577.70	3/4	3,324.62	3/4	3,071.54	3/4	2,816.41	3/4	2,520.61	3/4	2,224.11	3/4	1,927.61
11		11		11		11	3,572.43	11	3,319.35	11	3,066.27	11	2,810.21	11	2,514.43	11	2,217.93	11	1,921.43
1/4		1/4		1/4		1/4	3,567.16	1/4	3,314.08	1/4	3,061.00	1/4	2,804.01	1/4	2,508.25	1/4	2,211.75	1/4	1,915.25
1/2		1/2		1/2		1/2	3,561.89	1/2	3,308.81	1/2	3,055.73	1/2	2,797.85	1/2	2,502.08	1/2	2,205.58	1/2	1,909.07
3/4		3/4		3/4		3/4	3,556.61	3/4	3,303.53	3/4	3,050.45	3/4	2,791.69	3/4	2,495.90	3/4	2,199.40	3/4	1,902.90

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

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BARGE "KIRBY 10106"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,896.72	0	1,599.99	0	1,303.08	0	1,006.17	0	715.19	0	418.25	0	121.13	0		0		0	
1/4	1,890.54	1/4	1,593.81	1/4	1,296.89	1/4	999.98	1/4	709.10	1/4	412.06	1/4	114.95	1/4	1/4	1/4		1/4	
1/2	1,884.37	1/2	1,587.62	1/2	1,290.71	1/2	993.79	1/2	702.93	1/2	405.87	1/2	108.79	1/2	1/2	1/2		1/2	
3/4	1,878.19	3/4	1,581.44	3/4	1,284.52	3/4	987.61	3/4	696.76	3/4	399.68	3/4	102.62	3/4	3/4	3/4		3/4	
1	1,872.01	1	1,575.25	1	1,278.34	1	981.42	1	690.58	1	393.49	1	96.46	1	1	1		1	
1/4	1,865.84	1/4	1,569.06	1/4	1,272.15	1/4	975.24	1/4	684.41	1/4	387.30	1/4	90.30	1/4	1/4	1/4		1/4	
1/2	1,859.66	1/2	1,562.88	1/2	1,265.97	1/2	969.11	1/2	678.22	1/2	381.11	1/2	84.17	1/2	1/2	1/2		1/2	
3/4	1,853.48	3/4	1,556.69	3/4	1,259.78	3/4	962.99	3/4	672.03	3/4	374.92	3/4	78.04	3/4	3/4	3/4		3/4	
2	1,847.30	2	1,550.51	2	1,253.59	2	956.87	2	665.85	2	368.73	2	71.91	2	2	2		2	
1/4	1,841.13	1/4	1,544.32	1/4	1,247.41	1/4	950.75	1/4	659.66	1/4	362.54	1/4	65.78	1/4	1/4	1/4		1/4	
1/2	1,834.95	1/2	1,538.14	1/2	1,241.22	1/2	944.69	1/2	653.47	1/2	356.35	1/2	59.71	1/2	1/2	1/2		1/2	
3/4	1,828.77	3/4	1,531.95	3/4	1,235.04	3/4	938.63	3/4	647.28	3/4	350.16	3/4	53.63	3/4	3/4	3/4		3/4	
3	1,822.60	3	1,525.76	3	1,228.85	3	932.57	3	641.09	3	343.97	3	47.56	3	3	3		3	
1/4	1,816.42	1/4	1,519.58	1/4	1,222.67	1/4	926.51	1/4	634.90	1/4	337.78	1/4	41.48	1/4	1/4	1/4		1/4	
1/2	1,810.23	1/2	1,513.39	1/2	1,216.48	1/2	920.45	1/2	628.71	1/2	331.59	1/2	36.33	1/2	1/2	1/2		1/2	
3/4	1,804.05	3/4	1,507.21	3/4	1,210.29	3/4	914.39	3/4	622.52	3/4	325.40	3/4	31.17	3/4	3/4	3/4		3/4	
4	1,797.86	4	1,501.02	4	1,204.11	4	908.33	4	616.33	4	319.21	4	26.01	4	4	4		4	
1/4	1,791.68	1/4	1,494.84	1/4	1,197.92	1/4	902.27	1/4	610.14	1/4	313.02	1/4	20.85	1/4	1/4	1/4		1/4	
1/2	1,785.49	1/2	1,488.65	1/2	1,191.74	1/2	896.23	1/2	603.95	1/2	306.83	1/2	17.75	1/2	1/2	1/2		1/2	
3/4	1,779.31	3/4	1,482.46	3/4	1,185.55	3/4	890.19	3/4	597.76	3/4	300.64	3/4	14.65	3/4	3/4	3/4		3/4	
5	1,773.12	5	1,476.28	5	1,179.37	5	884.14	5	591.57	5	294.45	5	11.55	5	5	5		5	
1/4	1,766.93	1/4	1,470.09	1/4	1,173.18	1/4	878.10	1/4	585.38	1/4	288.26	1/4	8.45	1/4	1/4	1/4		1/4	
1/2	1,760.75	1/2	1,463.91	1/2	1,166.99	1/2	872.07	1/2	579.19	1/2	282.07	1/2	7.41	1/2	1/2	1/2		1/2	
3/4	1,754.56	3/4	1,457.72	3/4	1,160.81	3/4	866.05	3/4	573.00	3/4	275.88	3/4	6.38	3/4	3/4	3/4		3/4	
6	1,748.38	6	1,451.54	6	1,154.62	6	860.02	6	566.81	6	269.69	6	5.35	6	6	6		6	
1/4	1,742.19	1/4	1,445.35	1/4	1,148.44	1/4	853.99	1/4	560.62	1/4	263.50	1/4	4.31	1/4	1/4	1/4		1/4	
1/2	1,736.01	1/2	1,439.16	1/2	1,142.25	1/2	847.97	1/2	554.43	1/2	257.31	1/2		1/2	1/2	1/2		1/2	
3/4	1,729.82	3/4	1,432.98	3/4	1,136.07	3/4	841.94	3/4	548.24	3/4	251.12	3/4		3/4	3/4	3/4		3/4	
7	1,723.64	7	1,426.79	7	1,129.88	7	835.91	7	542.05	7	244.93	7		7	7	7		7	
1/4	1,717.46	1/4	1,420.61	1/4	1,123.69	1/4	829.89	1/4	535.86	1/4	238.74	1/4		1/4	1/4	1/4		1/4	
1/2	1,711.27	1/2	1,414.42	1/2	1,117.51	1/2	823.86	1/2	529.67	1/2	232.55	1/2		1/2	1/2	1/2		1/2	
3/4	1,705.09	3/4	1,408.24	3/4	1,111.32	3/4	817.83	3/4	523.48	3/4	226.36	3/4		3/4	3/4	3/4		3/4	
8	1,698.91	8	1,402.05	8	1,105.14	8	811.81	8	517.29	8	220.17	8		8	8	8		8	
1/4	1,692.73	1/4	1,395.87	1/4	1,098.95	1/4	805.78	1/4	511.10	1/4	213.98	1/4		1/4	1/4	1/4		1/4	
1/2	1,686.54	1/2	1,389.68	1/2	1,092.77	1/2	799.75	1/2	504.91	1/2	207.79	1/2		1/2	1/2	1/2		1/2	
3/4	1,680.36	3/4	1,383.49	3/4	1,086.58	3/4	793.73	3/4	498.72	3/4	201.60	3/4		3/4	3/4	3/4		3/4	
9	1,674.18	9	1,377.31	9	1,080.39	9	787.70	9	492.53	9	195.41	9		9	9	9		9	
1/4	1,668.00	1/4	1,371.12	1/4	1,074.21	1/4	781.67	1/4	486.34	1/4	189.22	1/4		1/4	1/4	1/4		1/4	
1/2	1,661.81	1/2	1,364.94	1/2	1,068.02	1/2	775.65	1/2	480.15	1/2	183.03	1/2		1/2	1/2	1/2		1/2	
3/4	1,655.63	3/4	1,358.75	3/4	1,061.84	3/4	769.62	3/4	473.96	3/4	176.84	3/4		3/4	3/4	3/4		3/4	
10	1,649.45	10	1,352.57	10	1,055.65	10	763.59	10	467.77	10	170.65	10		10	10	10		10	
1/4	1,643.27	1/4	1,346.38	1/4	1,049.47	1/4	757.57	1/4	461.58	1/4	164.46	1/4		1/4	1/4	1/4		1/4	
1/2	1,637.08	1/2	1,340.19	1/2	1,043.28	1/2	751.54	1/2	455.39	1/2	158.27	1/2		1/2	1/2	1/2		1/2	
3/4	1,630.90	3/4	1,334.01	3/4	1,037.09	3/4	745.51	3/4	449.20	3/4	152.07	3/4		3/4	3/4	3/4		3/4	
11	1,624.72	11	1,327.82	11	1,030.91	11	739.49	11	443.01	11	145.88	11		11	11	11		11	
1/4	1,618.54	1/4	1,321.64	1/4	1,024.72	1/4	733.46	1/4	436.82	1/4	139.68	1/4		1/4	1/4	1/4		1/4	
1/2	1,612.35	1/2	1,315.45	1/2	1,018.54	1/2	727.37	1/2	430.63	1/2	133.50	1/2		1/2	1/2	1/2		1/2	
3/4	1,606.17	3/4	1,309.27	3/4	1,012.35	3/4	721.28	3/4	424.44	3/4	127.31	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2014 CL
CALCULATED: 02/20/2014 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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



BARGE "KIRBY 10106"

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		0	3,254.39	0	2,992.95	0	2,731.51	0	2,469.67	0	2,206.83	0	1,943.99		
1/4		1/4		1/4		1/4		1/4	3,248.94	1/4	2,987.50	1/4	2,726.07	1/4	2,464.19	1/4	2,201.35	1/4	1,938.52		
1/2		1/2		1/2		1/2		1/2	3,469.76	1/2	3,243.49	1/2	2,982.06	1/2	2,720.62	1/2	2,458.72	1/2	2,195.88	1/2	1,933.04
3/4		3/4		3/4		3/4		3/4	3,468.85	3/4	3,238.05	3/4	2,976.61	3/4	2,715.17	3/4	2,453.24	3/4	2,190.40	3/4	1,927.56
1		1		1		1		1	3,232.60	1	2,971.16	1	2,709.73	1	2,447.77	1	2,184.93	1	1,922.09		
1/4		1/4		1/4		1/4		1/4	3,467.02	1/4	3,227.15	1/4	2,965.72	1/4	2,704.28	1/4	2,442.29	1/4	2,179.45	1/4	1,916.61
1/2		1/2		1/2		1/2		1/2	3,466.11	1/2	3,221.71	1/2	2,960.27	1/2	2,698.83	1/2	2,436.81	1/2	2,173.98	1/2	1,911.14
3/4		3/4		3/4		3/4		3/4	3,463.37	3/4	3,216.26	3/4	2,954.82	3/4	2,693.39	3/4	2,431.34	3/4	2,168.50	3/4	1,905.66
2		2		2		2		2	3,460.63	2	3,210.82	2	2,949.38	2	2,687.94	2	2,425.86	2	2,163.02	2	1,900.19
1/4		1/4		1/4		1/4		1/4	3,457.89	1/4	3,205.37	1/4	2,943.93	1/4	2,682.49	1/4	2,420.39	1/4	2,157.55	1/4	1,894.71
1/2		1/2		1/2		1/2		1/2	3,455.15	1/2	3,199.92	1/2	2,938.49	1/2	2,677.05	1/2	2,414.91	1/2	2,152.07	1/2	1,889.23
3/4		3/4		3/4		3/4		3/4	3,450.71	3/4	3,194.48	3/4	2,933.04	3/4	2,671.60	3/4	2,409.43	3/4	2,146.60	3/4	1,883.76
3		3		3		3		3	3,446.28	3	3,189.03	3	2,927.59	3	2,666.16	3	2,403.96	3	2,141.12	3	1,878.28
1/4		1/4		1/4		1/4		1/4	3,441.84	1/4	3,183.58	1/4	2,922.15	1/4	2,660.71	1/4	2,398.48	1/4	2,135.64	1/4	1,872.81
1/2		1/2		1/2		1/2		1/2	3,437.40	1/2	3,178.14	1/2	2,916.70	1/2	2,655.26	1/2	2,393.01	1/2	2,130.17	1/2	1,867.33
3/4		3/4		3/4		3/4		3/4	3,432.10	3/4	3,172.69	3/4	2,911.25	3/4	2,649.82	3/4	2,387.53	3/4	2,124.69	3/4	1,861.85
4		4		4		4		4	3,426.79	4	3,167.24	4	2,905.81	4	2,644.37	4	2,382.06	4	2,119.22	4	1,856.38
1/4		1/4		1/4		1/4		1/4	3,421.48	1/4	3,161.80	1/4	2,900.36	1/4	2,638.92	1/4	2,376.58	1/4	2,113.74	1/4	1,850.90
1/2		1/2		1/2		1/2		1/2	3,416.17	1/2	3,156.35	1/2	2,894.91	1/2	2,633.48	1/2	2,371.10	1/2	2,108.27	1/2	1,845.43
3/4		3/4		3/4		3/4		3/4	3,410.84	3/4	3,150.90	3/4	2,889.47	3/4	2,628.03	3/4	2,365.63	3/4	2,102.79	3/4	1,839.95
5		5		5		5		5	3,405.50	5	3,145.46	5	2,884.02	5	2,622.58	5	2,360.15	5	2,097.31	5	1,834.48
1/4		1/4		1/4		1/4		1/4	3,400.16	1/4	3,140.01	1/4	2,878.57	1/4	2,617.14	1/4	2,354.68	1/4	2,091.84	1/4	1,829.00
1/2		1/2		1/2		1/2		1/2	3,394.82	1/2	3,134.56	1/2	2,873.13	1/2	2,611.69	1/2	2,349.20	1/2	2,086.36	1/2	1,823.52
3/4		3/4		3/4		3/4		3/4	3,389.47	3/4	3,129.12	3/4	2,867.68	3/4	2,606.24	3/4	2,343.73	3/4	2,080.89	3/4	1,818.05
6		6		6		6		6	3,384.12	6	3,123.67	6	2,862.23	6	2,600.80	6	2,338.25	6	2,075.41	6	1,812.57
1/4		1/4		1/4		1/4		1/4	3,378.77	1/4	3,118.22	1/4	2,856.79	1/4	2,595.35	1/4	2,332.77	1/4	2,069.94	1/4	1,807.10
1/2		1/2		1/2		1/2		1/2	3,373.42	1/2	3,112.78	1/2	2,851.34	1/2	2,589.90	1/2	2,327.30	1/2	2,064.46	1/2	1,801.62
3/4		3/4		3/4		3/4		3/4	3,368.07	3/4	3,107.33	3/4	2,845.89	3/4	2,584.46	3/4	2,321.82	3/4	2,058.98	3/4	1,796.15
7		7		7		7		7	3,362.72	7	3,101.88	7	2,840.45	7	2,579.01	7	2,316.35	7	2,053.51	7	1,790.67
1/4		1/4		1/4		1/4		1/4	3,357.38	1/4	3,096.44	1/4	2,835.00	1/4	2,573.56	1/4	2,310.87	1/4	2,048.03	1/4	1,785.19
1/2		1/2		1/2		1/2		1/2	3,352.03	1/2	3,090.99	1/2	2,829.55	1/2	2,568.12	1/2	2,305.39	1/2	2,042.56	1/2	1,779.72
3/4		3/4		3/4		3/4		3/4	3,346.68	3/4	3,085.54	3/4	2,824.11	3/4	2,562.67	3/4	2,299.92	3/4	2,037.08	3/4	1,774.24
8		8		8		8		8	3,341.33	8	3,080.10	8	2,818.66	8	2,557.22	8	2,294.44	8	2,031.60	8	1,768.77
1/4		1/4		1/4		1/4		1/4	3,335.99	1/4	3,074.65	1/4	2,813.21	1/4	2,551.78	1/4	2,288.97	1/4	2,026.13	1/4	1,763.29
1/2		1/2		1/2		1/2		1/2	3,330.64	1/2	3,069.20	1/2	2,807.77	1/2	2,546.33	1/2	2,283.49	1/2	2,020.65	1/2	1,757.81
3/4		3/4		3/4		3/4		3/4	3,325.19	3/4	3,063.76	3/4	2,802.32	3/4	2,540.85	3/4	2,278.02	3/4	2,015.18	3/4	1,752.34
9		9		9		9		9	3,319.75	9	3,058.31	9	2,796.87	9	2,535.38	9	2,272.54	9	2,009.70	9	1,746.86
1/4		1/4		1/4		1/4		1/4	3,314.30	1/4	3,052.86	1/4	2,791.43	1/4	2,529.90	1/4	2,267.06	1/4	2,004.23	1/4	1,741.39
1/2		1/2		1/2		1/2		1/2	3,308.85	1/2	3,047.42	1/2	2,785.98	1/2	2,524.43	1/2	2,261.59	1/2	1,998.75	1/2	1,735.91
3/4		3/4		3/4		3/4		3/4	3,303.41	3/4	3,041.97	3/4	2,780.53	3/4	2,518.95	3/4	2,256.11	3/4	1,993.27	3/4	1,730.44
10		10		10		10		10	3,297.96	10	3,036.52	10	2,775.09	10	2,513.48	10	2,250.64	10	1,987.80	10	1,724.96
1/4		1/4		1/4		1/4		1/4	3,292.51	1/4	3,031.08	1/4	2,769.64	1/4	2,508.00	1/4	2,245.16	1/4	1,982.32	1/4	1,719.48
1/2		1/2		1/2		1/2		1/2	3,287.07	1/2	3,025.63	1/2	2,764.19	1/2	2,502.52	1/2	2,239.69	1/2	1,976.85	1/2	1,714.01
3/4		3/4		3/4		3/4		3/4	3,281.62	3/4	3,020.18	3/4	2,758.75	3/4	2,497.05	3/4	2,234.21	3/4	1,971.37	3/4	1,708.53
11		11		11		11		11	3,276.17	11	3,014.74	11	2,753.30	11	2,491.57	11	2,228.73	11	1,965.90	11	1,703.06
1/4		1/4		1/4		1/4		1/4	3,270.73	1/4	3,009.29	1/4	2,747.85	1/4	2,486.10	1/4	2,223.26	1/4	1,960.42	1/4	1,697.58
1/2		1/2		1/2		1/2		1/2	3,265.28	1/2	3,003.84	1/2	2,742.41	1/2	2,480.62	1/2	2,217.78	1/2	1,954.94	1/2	1,692.11
3/4		3/4		3/4		3/4		3/4	3,259.83	3/4	2,998.40	3/4	2,736.96	3/4	2,475.14	3/4	2,212.31	3/4	1,949.47	3/4	1,686.63

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.

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 10106"

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	1,681.15	0	1,418.32	0	1,155.32	0	894.01	0	635.16	0	372.27	0	109.34	0		0		0	
1/4	1,675.68	1/4	1,412.84	1/4	1,149.84	1/4	888.62	1/4	629.73	1/4	366.79	1/4	103.88	1/4	1/4	1/4		1/4	1/4
1/2	1,670.20	1/2	1,407.36	1/2	1,144.36	1/2	883.22	1/2	624.29	1/2	361.31	1/2	98.42	1/2	1/2	1/2		1/2	1/2
3/4	1,664.73	3/4	1,401.88	3/4	1,138.88	3/4	877.83	3/4	618.82	3/4	355.83	3/4	92.97	3/4	3/4	3/4		3/4	3/4
1	1,659.25	1	1,396.41	1	1,133.40	1	872.43	1	613.34	1	350.36	1	87.53	1	1	1		1	1
1/4	1,653.77	1/4	1,390.93	1/4	1,127.92	1/4	867.04	1/4	607.86	1/4	344.88	1/4	82.09	1/4	1/4	1/4		1/4	1/4
1/2	1,648.30	1/2	1,385.45	1/2	1,122.45	1/2	861.64	1/2	602.39	1/2	339.40	1/2	76.64	1/2	1/2	1/2		1/2	1/2
3/4	1,642.82	3/4	1,379.97	3/4	1,116.97	3/4	856.25	3/4	596.91	3/4	333.92	3/4	71.23	3/4	3/4	3/4		3/4	3/4
2	1,637.35	2	1,374.49	2	1,111.49	2	850.85	2	591.43	2	328.44	2	65.81	2	2	2		2	2
1/4	1,631.87	1/4	1,369.01	1/4	1,106.01	1/4	845.46	1/4	585.95	1/4	322.96	1/4	60.40	1/4	1/4	1/4		1/4	1/4
1/2	1,626.40	1/2	1,363.53	1/2	1,100.53	1/2	840.06	1/2	580.47	1/2	317.48	1/2	54.98	1/2	1/2	1/2		1/2	1/2
3/4	1,620.92	3/4	1,358.05	3/4	1,095.05	3/4	834.67	3/4	574.99	3/4	312.00	3/4	49.61	3/4	3/4	3/4		3/4	3/4
3	1,615.44	3	1,352.57	3	1,089.57	3	829.28	3	569.51	3	306.52	3	44.25	3	3	3		3	3
1/4	1,609.97	1/4	1,347.09	1/4	1,084.09	1/4	823.88	1/4	564.03	1/4	301.05	1/4	38.88	1/4	1/4	1/4		1/4	1/4
1/2	1,604.49	1/2	1,341.61	1/2	1,078.61	1/2	818.49	1/2	558.55	1/2	295.57	1/2	33.52	1/2	1/2	1/2		1/2	1/2
3/4	1,599.02	3/4	1,336.13	3/4	1,073.13	3/4	813.10	3/4	553.07	3/4	290.09	3/4	28.96	3/4	3/4	3/4		3/4	3/4
4	1,593.54	4	1,330.65	4	1,067.65	4	807.71	4	547.60	4	284.61	4	24.40	4	4	4		4	4
1/4	1,588.06	1/4	1,325.18	1/4	1,062.17	1/4	802.32	1/4	542.12	1/4	279.13	1/4	19.84	1/4	1/4	1/4		1/4	1/4
1/2	1,582.59	1/2	1,319.70	1/2	1,056.69	1/2	796.93	1/2	536.64	1/2	273.65	1/2	15.29	1/2	1/2	1/2		1/2	1/2
3/4	1,577.11	3/4	1,314.22	3/4	1,051.22	3/4	791.54	3/4	531.16	3/4	268.17	3/4	12.55	3/4	3/4	3/4		3/4	3/4
5	1,571.64	5	1,308.74	5	1,045.74	5	786.15	5	525.68	5	262.69	5	9.81	5	5	5		5	5
1/4	1,566.16	1/4	1,303.26	1/4	1,040.26	1/4	780.76	1/4	520.20	1/4	257.21	1/4	7.07	1/4	1/4	1/4		1/4	1/4
1/2	1,560.69	1/2	1,297.78	1/2	1,034.78	1/2	775.37	1/2	514.72	1/2	251.74	1/2	4.33	1/2	1/2	1/2		1/2	1/2
3/4	1,555.21	3/4	1,292.30	3/4	1,029.30	3/4	769.98	3/4	509.24	3/4	246.26	3/4	3.42	3/4	3/4	3/4		3/4	3/4
6	1,549.73	6	1,286.82	6	1,023.82	6	764.59	6	503.76	6	240.78	6	2.50	6	6	6		6	6
1/4	1,544.26	1/4	1,281.34	1/4	1,018.34	1/4	759.21	1/4	498.29	1/4	235.30	1/4	1.59	1/4	1/4	1/4		1/4	1/4
1/2	1,538.78	1/2	1,275.86	1/2	1,012.86	1/2	753.82	1/2	492.81	1/2	229.82	1/2	0.68	1/2	1/2	1/2		1/2	1/2
3/4	1,533.31	3/4	1,270.38	3/4	1,007.42	3/4	748.43	3/4	487.33	3/4	224.34	3/4		3/4	3/4	3/4		3/4	3/4
7	1,527.83	7	1,264.90	7	1,001.99	7	743.04	7	481.85	7	218.86	7		7	7	7		7	7
1/4	1,522.36	1/4	1,259.43	1/4	996.55	1/4	737.65	1/4	476.37	1/4	213.38	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,516.88	1/2	1,253.95	1/2	991.11	1/2	732.26	1/2	470.89	1/2	207.90	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,511.40	3/4	1,248.47	3/4	985.72	3/4	726.87	3/4	465.41	3/4	202.43	3/4		3/4	3/4	3/4		3/4	3/4
8	1,505.93	8	1,242.99	8	980.32	8	721.48	8	459.93	8	196.95	8		8	8	8		8	8
1/4	1,500.45	1/4	1,237.51	1/4	974.93	1/4	716.09	1/4	454.45	1/4	191.47	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,494.98	1/2	1,232.03	1/2	969.53	1/2	710.70	1/2	448.98	1/2	185.99	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,489.50	3/4	1,226.55	3/4	964.14	3/4	705.31	3/4	443.50	3/4	180.51	3/4		3/4	3/4	3/4		3/4	3/4
9	1,484.02	9	1,221.07	9	958.74	9	699.92	9	438.02	9	175.03	9		9	9	9		9	9
1/4	1,478.55	1/4	1,215.59	1/4	953.35	1/4	694.54	1/4	432.54	1/4	169.55	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,473.07	1/2	1,210.11	1/2	947.95	1/2	689.15	1/2	427.06	1/2	164.07	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,467.60	3/4	1,204.63	3/4	942.56	3/4	683.76	3/4	421.58	3/4	158.59	3/4		3/4	3/4	3/4		3/4	3/4
10	1,462.12	10	1,199.15	10	937.17	10	678.37	10	416.10	10	153.12	10		10	10	10		10	10
1/4	1,456.65	1/4	1,193.67	1/4	931.77	1/4	672.98	1/4	410.62	1/4	147.64	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,451.17	1/2	1,188.20	1/2	926.38	1/2	667.59	1/2	405.14	1/2	142.16	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,445.69	3/4	1,182.72	3/4	920.98	3/4	662.20	3/4	399.67	3/4	136.69	3/4		3/4	3/4	3/4		3/4	3/4
11	1,440.22	11	1,177.24	11	915.59	11	656.81	11	394.19	11	131.21	11		11	11	11		11	11
1/4	1,434.74	1/4	1,171.76	1/4	910.19	1/4	651.42	1/4	388.71	1/4	125.74	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,429.27	1/2	1,166.28	1/2	904.80	1/2	646.04	1/2	383.23	1/2	120.27	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,423.79	3/4	1,160.80	3/4	899.40	3/4	640.60	3/4	377.75	3/4	114.81	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2014 CL
CALCULATED: 02/20/2014 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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



BARGE "KIRBY 10106"

3 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	3,229.52	0	2,969.99	0	2,710.47	0	2,450.51	0	2,189.59	0	1,928.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,448.72	1/4	3,224.11	1/4	2,964.59	1/4	2,705.07	1/4	2,445.08	1/4	2,184.15	1/4	1,923.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,447.81	1/2	3,218.70	1/2	2,959.18	1/2	2,699.66	1/2	2,439.64	1/2	2,178.72	1/2	1,917.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,446.90	3/4	3,213.30	3/4	2,953.77	3/4	2,694.25	3/4	2,434.21	3/4	2,173.28	3/4	1,912.36
1		1		1		1		1	3,207.89	1	2,948.37	1	2,688.85	1	2,428.77	1	2,167.85	1	1,906.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,445.09	1/4	3,202.48	1/4	2,942.96	1/4	2,683.44	1/4	2,423.33	1/4	2,162.41	1/4	1,901.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,442.37	1/2	3,197.08	1/2	2,937.55	1/2	2,678.03	1/2	2,417.90	1/2	2,156.97	1/2	1,896.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,439.65	3/4	3,191.67	3/4	2,932.15	3/4	2,672.63	3/4	2,412.46	3/4	2,151.54	3/4	1,890.62
2		2		2		2		2	3,436.93	2	3,164.26	2	2,926.74	2	2,667.22	2	2,407.03	2	2,146.10	2	1,885.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,434.21	1/4	3,180.86	1/4	2,921.33	1/4	2,661.81	1/4	2,401.59	1/4	2,140.67	1/4	1,879.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,429.81	1/2	3,175.45	1/2	2,915.93	1/2	2,656.41	1/2	2,396.15	1/2	2,135.23	1/2	1,874.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,425.41	3/4	3,170.04	3/4	2,910.52	3/4	2,651.00	3/4	2,390.72	3/4	2,129.79	3/4	1,868.87
3		3		3		3		3	3,421.00	3	3,164.64	3	2,905.11	3	2,645.59	3	2,385.28	3	2,124.36	3	1,863.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,416.60	1/4	3,159.23	1/4	2,899.71	1/4	2,640.19	1/4	2,379.85	1/4	2,118.92	1/4	1,858.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,411.33	1/2	3,153.82	1/2	2,894.30	1/2	2,634.78	1/2	2,374.41	1/2	2,113.49	1/2	1,852.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,406.06	3/4	3,148.42	3/4	2,888.89	3/4	2,629.37	3/4	2,368.97	3/4	2,108.05	3/4	1,847.13
4		4		4		4		4	3,400.80	4	3,143.01	4	2,883.49	4	2,623.97	4	2,363.54	4	2,102.62	4	1,841.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,395.53	1/4	3,137.60	1/4	2,878.08	1/4	2,618.56	1/4	2,358.10	1/4	2,097.18	1/4	1,836.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,390.23	1/2	3,132.20	1/2	2,872.67	1/2	2,613.15	1/2	2,352.67	1/2	2,091.74	1/2	1,830.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,384.93	3/4	3,126.79	3/4	2,867.27	3/4	2,607.75	3/4	2,347.23	3/4	2,086.31	3/4	1,825.38
5		5		5		5		5	3,379.63	5	3,121.38	5	2,861.86	5	2,602.34	5	2,341.79	5	2,080.87	5	1,819.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,374.33	1/4	3,115.97	1/4	2,856.45	1/4	2,596.93	1/4	2,336.36	1/4	2,075.44	1/4	1,814.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,369.02	1/2	3,110.57	1/2	2,851.05	1/2	2,591.53	1/2	2,330.92	1/2	2,070.00	1/2	1,809.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,363.70	3/4	3,105.16	3/4	2,845.64	3/4	2,586.12	3/4	2,325.49	3/4	2,064.56	3/4	1,803.64
6		6		6		6		6	3,358.39	6	3,099.75	6	2,840.23	6	2,580.71	6	2,320.05	6	2,059.13	6	1,798.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,353.08	1/4	3,094.35	1/4	2,834.83	1/4	2,575.30	1/4	2,314.62	1/4	2,053.69	1/4	1,792.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,347.77	1/2	3,088.94	1/2	2,829.42	1/2	2,569.90	1/2	2,309.18	1/2	2,048.26	1/2	1,787.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,342.46	3/4	3,083.53	3/4	2,824.01	3/4	2,564.49	3/4	2,303.74	3/4	2,042.82	3/4	1,781.90
7		7		7		7		7	3,337.15	7	3,078.13	7	2,818.61	7	2,559.08	7	2,298.31	7	2,037.38	7	1,776.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,331.85	1/4	3,072.72	1/4	2,813.20	1/4	2,553.68	1/4	2,292.87	1/4	2,031.95	1/4	1,771.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,326.54	1/2	3,067.31	1/2	2,807.79	1/2	2,548.27	1/2	2,287.44	1/2	2,026.51	1/2	1,765.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,321.23	3/4	3,061.91	3/4	2,802.39	3/4	2,542.86	3/4	2,282.00	3/4	2,021.08	3/4	1,760.15
8		8		8		8		8	3,315.92	8	3,056.50	8	2,796.98	8	2,537.46	8	2,276.56	8	2,015.64	8	1,754.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,310.62	1/4	3,051.09	1/4	2,791.57	1/4	2,532.05	1/4	2,271.13	1/4	2,010.20	1/4	1,749.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,305.21	1/2	3,045.69	1/2	2,786.17	1/2	2,526.62	1/2	2,265.69	1/2	2,004.77	1/2	1,743.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,299.80	3/4	3,040.28	3/4	2,780.76	3/4	2,521.18	3/4	2,260.26	3/4	1,999.33	3/4	1,738.41
9		9		9		9		9	3,294.40	9	3,034.87	9	2,775.35	9	2,515.74	9	2,254.82	9	1,993.90	9	1,732.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,288.99	1/4	3,029.47	1/4	2,769.95	1/4	2,510.31	1/4	2,249.38	1/4	1,988.46	1/4	1,727.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,283.58	1/2	3,024.06	1/2	2,764.54	1/2	2,504.87	1/2	2,243.95	1/2	1,983.03	1/2	1,722.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,278.18	3/4	3,018.65	3/4	2,759.13	3/4	2,499.44	3/4	2,238.51	3/4	1,977.59	3/4	1,716.67
10		10		10		10		10	3,272.77	10	3,013.25	10	2,753.73	10	2,494.00	10	2,233.08	10	1,972.15	10	1,711.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,267.36	1/4	3,007.84	1/4	2,748.32	1/4	2,488.56	1/4	2,227.64	1/4	1,966.72	1/4	1,705.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,261.96	1/2	3,002.43	1/2	2,742.91	1/2	2,483.13	1/2	2,222.21	1/2	1,961.28	1/2	1,700.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,256.55	3/4	2,997.03	3/4	2,737.51	3/4	2,477.69	3/4	2,216.77	3/4	1,955.85	3/4	1,694.92
11		11		11		11		11	3,251.14	11	2,991.62	11	2,732.10	11	2,472.26	11	2,211.33	11	1,950.41	11	1,689.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,245.74	1/4	2,986.21	1/4	2,726.69	1/4	2,466.82	1/4	2,205.90	1/4	1,944.97	1/4	1,684.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,240.33	1/2	2,980.81	1/2	2,721.29	1/2	2,461.38	1/2	2,200.46	1/2	1,939.54	1/2	1,678.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,234.92	3/4	2,975.40	3/4	2,715.88	3/4	2,455.95	3/4	2,195.03	3/4	1,934.10	3/4	1,673.18

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 10106"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,667.74	0	1,406.82	0	1,145.74	0	885.48	0	625.19	0	364.12	0	103.13	0		0		0	
1/4	1,662.31	1/4	1,401.38	1/4	1,140.30	1/4	880.08	1/4	619.75	1/4	358.68	1/4	97.71	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,656.87	1/2	1,395.94	1/2	1,134.86	1/2	874.68	1/2	614.31	1/2	353.25	1/2	92.30	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,651.44	3/4	1,390.51	3/4	1,129.42	3/4	869.27	3/4	608.87	3/4	347.81	3/4	86.90	3/4	3/4	3/4	3/4	3/4	3/4
1	1,646.00	1	1,385.07	1	1,123.98	1	863.87	1	603.43	1	342.37	1	81.49	1	1	1	1	1	1
1/4	1,640.56	1/4	1,379.63	1/4	1,118.54	1/4	858.47	1/4	598.00	1/4	336.93	1/4	76.09	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,635.13	1/2	1,374.19	1/2	1,113.10	1/2	853.06	1/2	592.56	1/2	331.49	1/2	70.71	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,629.69	3/4	1,368.75	3/4	1,107.66	3/4	847.66	3/4	587.12	3/4	326.05	3/4	65.34	3/4	3/4	3/4	3/4	3/4	3/4
2	1,624.26	2	1,363.31	2	1,102.22	2	842.26	2	581.68	2	320.61	2	59.96	2	2	2	2	2	2
1/4	1,618.82	1/4	1,357.87	1/4	1,096.78	1/4	836.86	1/4	576.24	1/4	315.17	1/4	54.58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,613.38	1/2	1,352.43	1/2	1,091.34	1/2	831.45	1/2	570.80	1/2	309.73	1/2	49.26	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,607.95	3/4	1,346.99	3/4	1,085.90	3/4	826.05	3/4	565.36	3/4	304.30	3/4	43.93	3/4	3/4	3/4	3/4	3/4	3/4
3	1,602.51	3	1,341.55	3	1,080.47	3	820.65	3	559.92	3	298.86	3	38.60	3	3	3	3	3	3
1/4	1,597.08	1/4	1,336.11	1/4	1,075.03	1/4	815.24	1/4	554.48	1/4	293.42	1/4	33.28	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,591.64	1/2	1,330.67	1/2	1,069.59	1/2	809.85	1/2	549.05	1/2	287.98	1/2	28.75	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,586.20	3/4	1,325.23	3/4	1,064.15	3/4	804.45	3/4	543.61	3/4	282.54	3/4	24.23	3/4	3/4	3/4	3/4	3/4	3/4
4	1,580.77	4	1,319.79	4	1,058.71	4	799.05	4	538.17	4	277.10	4	19.70	4	4	4	4	4	4
1/4	1,575.33	1/4	1,314.36	1/4	1,053.27	1/4	793.65	1/4	532.73	1/4	271.66	1/4	15.18	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,569.90	1/2	1,308.92	1/2	1,047.83	1/2	788.22	1/2	527.29	1/2	266.22	1/2	12.46	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,564.46	3/4	1,303.48	3/4	1,042.39	3/4	782.78	3/4	521.85	3/4	260.78	3/4	9.74	3/4	3/4	3/4	3/4	3/4	3/4
5	1,559.03	5	1,298.04	5	1,036.95	5	777.35	5	516.41	5	255.35	5	7.02	5	5	5	5	5	5
1/4	1,553.59	1/4	1,292.60	1/4	1,031.51	1/4	771.92	1/4	510.97	1/4	249.91	1/4	4.30	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,548.15	1/2	1,287.16	1/2	1,026.07	1/2	766.48	1/2	505.53	1/2	244.47	1/2	3.40	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,542.72	3/4	1,281.72	3/4	1,020.63	3/4	761.05	3/4	500.10	3/4	239.03	3/4	2.49	3/4	3/4	3/4	3/4	3/4	3/4
6	1,537.28	6	1,276.28	6	1,015.19	6	755.61	6	494.66	6	233.59	6	1.58	6	6	6	6	6	6
1/4	1,531.85	1/4	1,270.84	1/4	1,009.75	1/4	750.18	1/4	489.22	1/4	228.15	1/4	0.68	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,526.41	1/2	1,265.40	1/2	1,004.35	1/2	744.75	1/2	483.78	1/2	222.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,520.97	3/4	1,259.96	3/4	998.95	3/4	739.31	3/4	478.34	3/4	217.27	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,515.54	7	1,254.52	7	993.55	7	733.88	7	472.90	7	211.83	7		7	7	7	7	7	7
1/4	1,510.10	1/4	1,249.08	1/4	988.14	1/4	728.44	1/4	467.46	1/4	206.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,504.67	1/2	1,243.64	1/2	982.74	1/2	723.01	1/2	462.02	1/2	200.96	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,499.23	3/4	1,238.21	3/4	977.34	3/4	717.58	3/4	456.58	3/4	195.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,493.79	8	1,232.77	8	971.93	8	712.14	8	451.15	8	190.08	8		8	8	8	8	8	8
1/4	1,488.36	1/4	1,227.33	1/4	966.53	1/4	706.71	1/4	445.71	1/4	184.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,482.92	1/2	1,221.89	1/2	961.13	1/2	701.27	1/2	440.27	1/2	179.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,477.49	3/4	1,216.45	3/4	955.72	3/4	695.84	3/4	434.83	3/4	173.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,472.05	9	1,211.01	9	950.32	9	690.41	9	429.39	9	168.32	9		9	9	9	9	9	9
1/4	1,466.61	1/4	1,205.57	1/4	944.92	1/4	684.97	1/4	423.95	1/4	162.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,461.18	1/2	1,200.13	1/2	939.51	1/2	679.54	1/2	418.51	1/2	157.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,455.74	3/4	1,194.69	3/4	934.11	3/4	674.10	3/4	413.07	3/4	152.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,450.31	10	1,189.25	10	928.71	10	668.67	10	407.63	10	146.57	10		10	10	10	10	10	10
1/4	1,444.87	1/4	1,183.81	1/4	923.30	1/4	663.24	1/4	402.20	1/4	141.13	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,439.44	1/2	1,178.37	1/2	917.90	1/2	657.80	1/2	396.76	1/2	135.70	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,434.00	3/4	1,172.93	3/4	912.50	3/4	652.37	3/4	391.32	3/4	130.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,428.56	11	1,167.49	11	907.10	11	646.94	11	385.88	11	124.83	11		11	11	11	11	11	11
1/4	1,423.13	1/4	1,162.05	1/4	901.69	1/4	641.50	1/4	380.44	1/4	119.40	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,417.69	1/2	1,156.62	1/2	896.29	1/2	636.07	1/2	375.00	1/2	113.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,412.26	3/4	1,151.18	3/4	890.89	3/4	630.63	3/4	369.56	3/4	108.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2014 CL
CALCULATED: 02/20/2014 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

PRECISION MEASUREMENT
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