



BARGE "KIRBY 10056"

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

(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 - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

April 1, 2015

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

<http://www.pmacorp.net>



BARGE "KIRBY 10056"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	3,551.48	0	3,298.77	0	3,046.05	0	2,787.67	0	2,492.30	0	2,196.23	0	2,196.23
1/4		1/4		1/4		1/4	3,546.22	1/4	3,293.50	1/4	3,040.79	1/4	2,781.52	1/4	2,486.13	1/4	2,190.06	1/4	2,190.06
1/2		1/2		1/2		1/2	3,761.62	1/2	3,540.95	1/2	3,288.24	1/2	3,035.52	1/2	2,775.37	1/2	2,479.96	1/2	2,183.89
3/4		3/4		3/4		3/4	3,760.59	3/4	3,535.69	3/4	3,282.97	3/4	3,030.26	3/4	2,769.22	3/4	2,473.79	3/4	2,177.72
1	1	1	1	1	1	1	3,759.55	1	3,530.42	1	3,277.71	1	3,024.99	1	2,763.07	1	2,467.63	1	2,171.55
1/4		1/4		1/4		1/4	3,758.52	1/4	3,525.16	1/4	3,272.44	1/4	3,019.73	1/4	2,756.92	1/4	2,461.46	1/4	2,165.38
1/2		1/2		1/2		1/2	3,757.49	1/2	3,519.89	1/2	3,267.18	1/2	3,014.46	1/2	2,750.77	1/2	2,455.29	1/2	2,159.22
3/4		3/4		3/4		3/4	3,754.39	3/4	3,514.63	3/4	3,261.91	3/4	3,009.20	3/4	2,744.62	3/4	2,449.12	3/4	2,153.05
2	2	2	2	2	2	2	3,751.30	2	3,509.36	2	3,256.65	2	3,003.93	2	2,738.47	2	2,442.95	2	2,146.88
1/4		1/4		1/4		1/4	3,748.20	1/4	3,504.10	1/4	3,251.38	1/4	2,998.67	1/4	2,732.32	1/4	2,436.79	1/4	2,140.71
1/2		1/2		1/2		1/2	3,745.10	1/2	3,498.83	1/2	3,246.12	1/2	2,993.40	1/2	2,726.17	1/2	2,430.62	1/2	2,134.54
3/4		3/4		3/4		3/4	3,740.96	3/4	3,493.57	3/4	3,240.85	3/4	2,988.14	3/4	2,720.02	3/4	2,424.45	3/4	2,128.38
3	3	3	3	3	3	3	3,736.81	3	3,488.30	3	3,235.59	3	2,982.87	3	2,713.87	3	2,418.28	3	2,122.21
1/4		1/4		1/4		1/4	3,732.66	1/4	3,483.04	1/4	3,230.32	1/4	2,977.61	1/4	2,707.72	1/4	2,412.11	1/4	2,116.04
1/2		1/2		1/2		1/2	3,728.52	1/2	3,477.77	1/2	3,225.06	1/2	2,972.34	1/2	2,701.57	1/2	2,405.94	1/2	2,109.87
3/4		3/4		3/4		3/4	3,723.39	3/4	3,472.51	3/4	3,219.79	3/4	2,967.08	3/4	2,695.42	3/4	2,399.78	3/4	2,103.70
4	4	4	4	4	4	4	3,718.26	4	3,467.24	4	3,214.53	4	2,961.81	4	2,689.27	4	2,393.61	4	2,097.53
1/4		1/4		1/4		1/4	3,713.12	1/4	3,461.98	1/4	3,209.26	1/4	2,956.55	1/4	2,683.12	1/4	2,387.44	1/4	2,091.37
1/2		1/2		1/2		1/2	3,707.99	1/2	3,456.71	1/2	3,204.00	1/2	2,951.28	1/2	2,676.97	1/2	2,381.27	1/2	2,085.20
3/4		3/4		3/4		3/4	3,702.83	3/4	3,451.45	3/4	3,198.73	3/4	2,946.02	3/4	2,670.82	3/4	2,375.10	3/4	2,079.03
5	5	5	5	5	5	5	3,697.66	5	3,446.18	5	3,193.47	5	2,940.75	5	2,664.67	5	2,368.94	5	2,072.86
1/4		1/4		1/4		1/4	3,692.50	1/4	3,440.92	1/4	3,188.20	1/4	2,935.49	1/4	2,658.52	1/4	2,362.77	1/4	2,066.69
1/2		1/2		1/2		1/2	3,687.33	1/2	3,435.65	1/2	3,182.94	1/2	2,930.22	1/2	2,652.37	1/2	2,356.60	1/2	2,060.53
3/4		3/4		3/4		3/4	3,682.15	3/4	3,430.39	3/4	3,177.67	3/4	2,924.96	3/4	2,646.23	3/4	2,350.43	3/4	2,054.36
6	6	6	6	6	6	6	3,676.97	6	3,425.12	6	3,172.41	6	2,919.69	6	2,640.08	6	2,344.26	6	2,048.19
1/4		1/4		1/4		1/4	3,671.79	1/4	3,419.86	1/4	3,167.14	1/4	2,914.43	1/4	2,633.93	1/4	2,338.09	1/4	2,042.02
1/2		1/2		1/2		1/2	3,666.61	1/2	3,414.60	1/2	3,161.88	1/2	2,909.16	1/2	2,627.78	1/2	2,331.93	1/2	2,035.85
3/4		3/4		3/4		3/4	3,661.43	3/4	3,409.33	3/4	3,156.61	3/4	2,903.90	3/4	2,621.63	3/4	2,325.76	3/4	2,029.68
7	7	7	7	7	7	7	3,656.25	7	3,404.07	7	3,151.35	7	2,898.63	7	2,615.48	7	2,319.59	7	2,023.52
1/4		1/4		1/4		1/4	3,651.08	1/4	3,398.80	1/4	3,146.09	1/4	2,893.37	1/4	2,609.33	1/4	2,313.42	1/4	2,017.35
1/2		1/2		1/2		1/2	3,645.90	1/2	3,393.54	1/2	3,140.82	1/2	2,888.11	1/2	2,603.18	1/2	2,307.25	1/2	2,011.18
3/4		3/4		3/4		3/4	3,640.72	3/4	3,388.27	3/4	3,135.56	3/4	2,882.84	3/4	2,597.03	3/4	2,301.08	3/4	2,005.01
8	8	8	8	8	8	8	3,635.55	8	3,383.01	8	3,130.29	8	2,877.58	8	2,590.88	8	2,294.92	8	1,998.84
1/4		1/4		1/4		1/4	3,630.37	1/4	3,377.74	1/4	3,125.03	1/4	2,872.31	1/4	2,584.73	1/4	2,288.75	1/4	1,992.67
1/2		1/2		1/2		1/2	3,625.19	1/2	3,372.48	1/2	3,119.76	1/2	2,867.05	1/2	2,578.58	1/2	2,282.58	1/2	1,986.51
3/4		3/4		3/4		3/4	3,619.93	3/4	3,367.21	3/4	3,114.50	3/4	2,861.76	3/4	2,572.43	3/4	2,276.41	3/4	1,980.34
9	9	9	9	9	9	9	3,614.66	9	3,361.95	9	3,109.23	9	2,856.47	9	2,566.28	9	2,270.24	9	1,974.17
1/4		1/4		1/4		1/4	3,609.40	1/4	3,356.68	1/4	3,103.97	1/4	2,851.18	1/4	2,560.13	1/4	2,264.08	1/4	1,968.00
1/2		1/2		1/2		1/2	3,604.13	1/2	3,351.42	1/2	3,098.70	1/2	2,845.89	1/2	2,553.98	1/2	2,257.91	1/2	1,961.83
3/4		3/4		3/4		3/4	3,598.87	3/4	3,346.15	3/4	3,093.44	3/4	2,840.60	3/4	2,547.81	3/4	2,251.74	3/4	1,955.67
10	10	10	10	10	10	10	3,593.60	10	3,340.89	10	3,088.17	10	2,835.31	10	2,541.64	10	2,245.57	10	1,949.50
1/4		1/4		1/4		1/4	3,588.34	1/4	3,335.62	1/4	3,082.91	1/4	2,830.02	1/4	2,535.48	1/4	2,239.40	1/4	1,943.33
1/2		1/2		1/2		1/2	3,583.07	1/2	3,330.36	1/2	3,077.64	1/2	2,824.73	1/2	2,529.31	1/2	2,233.23	1/2	1,937.16
3/4		3/4		3/4		3/4	3,577.81	3/4	3,325.09	3/4	3,072.38	3/4	2,818.54	3/4	2,523.14	3/4	2,227.07	3/4	1,930.99
11	11	11	11	11	11	11	3,572.54	11	3,319.83	11	3,067.11	11	2,812.35	11	2,516.97	11	2,220.90	11	1,924.82
1/4		1/4		1/4		1/4	3,567.28	1/4	3,314.56	1/4	3,061.85	1/4	2,806.16	1/4	2,510.80	1/4	2,214.73	1/4	1,918.66
1/2		1/2		1/2		1/2	3,562.01	1/2	3,309.30	1/2	3,056.58	1/2	2,799.97	1/2	2,504.64	1/2	2,208.56	1/2	1,912.49
3/4		3/4		3/4		3/4	3,556.75	3/4	3,304.03	3/4	3,051.32	3/4	2,793.82	3/4	2,498.47	3/4	2,202.39	3/4	1,906.32

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 10056"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,900.15	0	1,603.86	0	1,307.38	0	1,010.89	0	720.24	0	423.83	0	127.13	0		0		0	
1/4	1,893.98	1/4	1,597.68	1/4	1,301.20	1/4	1,004.71	1/4	714.16	1/4	417.65	1/4	120.96	1/4		1/4		1/4	
1/2	1,887.82	1/2	1,591.51	1/2	1,295.02	1/2	998.54	1/2	708.08	1/2	411.47	1/2	114.78	1/2		1/2		1/2	
3/4	1,881.65	3/4	1,585.33	3/4	1,288.85	3/4	992.36	3/4	701.91	3/4	405.28	3/4	108.63	3/4		3/4		3/4	
1	1,875.48	1	1,579.16	1	1,282.67	1	986.18	1	695.75	1	399.10	1	102.48	1		1		1	
1/4	1,869.31	1/4	1,572.98	1/4	1,276.49	1/4	980.01	1/4	689.59	1/4	392.92	1/4	96.32	1/4		1/4		1/4	
1/2	1,863.14	1/2	1,566.80	1/2	1,270.32	1/2	973.83	1/2	683.43	1/2	386.74	1/2	90.17	1/2		1/2		1/2	
3/4	1,856.97	3/4	1,560.63	3/4	1,264.14	3/4	967.72	3/4	677.25	3/4	380.56	3/4	84.05	3/4		3/4		3/4	
2	1,850.81	2	1,554.45	2	1,257.96	2	961.60	2	671.07	2	374.38	2	77.93	2		2		2	
1/4	1,844.64	1/4	1,548.27	1/4	1,251.79	1/4	955.49	1/4	664.89	1/4	368.20	1/4	71.80	1/4		1/4		1/4	
1/2	1,838.47	1/2	1,542.10	1/2	1,245.61	1/2	949.37	1/2	658.71	1/2	362.02	1/2	65.68	1/2		1/2		1/2	
3/4	1,832.30	3/4	1,535.92	3/4	1,239.43	3/4	943.32	3/4	652.53	3/4	355.84	3/4	59.62	3/4		3/4		3/4	
3	1,826.13	3	1,529.74	3	1,233.26	3	937.27	3	646.35	3	349.65	3	53.55	3		3		3	
1/4	1,819.97	1/4	1,523.57	1/4	1,227.08	1/4	931.22	1/4	640.17	1/4	343.47	1/4	47.49	1/4		1/4		1/4	
1/2	1,813.80	1/2	1,517.39	1/2	1,220.90	1/2	925.17	1/2	633.99	1/2	337.29	1/2	41.42	1/2		1/2		1/2	
3/4	1,807.62	3/4	1,511.21	3/4	1,214.73	3/4	919.12	3/4	627.80	3/4	331.11	3/4	36.27	3/4		3/4		3/4	
4	1,801.44	4	1,505.04	4	1,208.55	4	913.07	4	621.62	4	324.93	4	31.12	4		4		4	
1/4	1,795.27	1/4	1,498.86	1/4	1,202.37	1/4	907.02	1/4	615.44	1/4	318.75	1/4	25.97	1/4		1/4		1/4	
1/2	1,789.09	1/2	1,492.68	1/2	1,196.20	1/2	900.97	1/2	609.26	1/2	312.57	1/2	20.82	1/2		1/2		1/2	
3/4	1,782.91	3/4	1,486.50	3/4	1,190.02	3/4	894.94	3/4	603.08	3/4	306.39	3/4	17.72	3/4		3/4		3/4	
5	1,776.74	5	1,480.33	5	1,183.84	5	888.90	5	596.90	5	300.21	5	14.63	5		5		5	
1/4	1,770.56	1/4	1,474.15	1/4	1,177.66	1/4	882.87	1/4	590.72	1/4	294.02	1/4	11.53	1/4		1/4		1/4	
1/2	1,764.38	1/2	1,467.97	1/2	1,171.49	1/2	876.83	1/2	584.54	1/2	287.84	1/2	8.43	1/2		1/2		1/2	
3/4	1,758.21	3/4	1,461.80	3/4	1,165.31	3/4	870.81	3/4	578.36	3/4	281.66	3/4	7.40	3/4		3/4		3/4	
6	1,752.03	6	1,455.62	6	1,159.13	6	864.80	6	572.17	6	275.48	6	6.37	6		6		6	
1/4	1,745.85	1/4	1,449.44	1/4	1,152.96	1/4	858.78	1/4	565.99	1/4	269.30	1/4	5.34	1/4		1/4		1/4	
1/2	1,739.68	1/2	1,443.27	1/2	1,146.78	1/2	852.76	1/2	559.81	1/2	263.12	1/2	4.31	1/2		1/2		1/2	
3/4	1,733.50	3/4	1,437.09	3/4	1,140.60	3/4	846.74	3/4	553.63	3/4	256.94	3/4		3/4		3/4		3/4	
7	1,727.33	7	1,430.91	7	1,134.43	7	840.72	7	547.45	7	250.76	7		7		7		7	
1/4	1,721.15	1/4	1,424.74	1/4	1,128.25	1/4	834.71	1/4	541.27	1/4	244.58	1/4		1/4		1/4		1/4	
1/2	1,714.98	1/2	1,418.56	1/2	1,122.07	1/2	828.69	1/2	535.09	1/2	238.39	1/2		1/2		1/2		1/2	
3/4	1,708.80	3/4	1,412.38	3/4	1,115.90	3/4	822.67	3/4	528.91	3/4	232.21	3/4		3/4		3/4		3/4	
8	1,702.63	8	1,406.21	8	1,109.72	8	816.65	8	522.73	8	226.03	8		8		8		8	
1/4	1,696.46	1/4	1,400.03	1/4	1,103.54	1/4	810.64	1/4	516.54	1/4	219.85	1/4		1/4		1/4		1/4	
1/2	1,690.28	1/2	1,393.85	1/2	1,097.37	1/2	804.62	1/2	510.36	1/2	213.67	1/2		1/2		1/2		1/2	
3/4	1,684.11	3/4	1,387.68	3/4	1,091.19	3/4	798.60	3/4	504.18	3/4	207.49	3/4		3/4		3/4		3/4	
9	1,677.94	9	1,381.50	9	1,085.01	9	792.58	9	498.00	9	201.31	9		9		9		9	
1/4	1,671.76	1/4	1,375.32	1/4	1,078.84	1/4	786.56	1/4	491.82	1/4	195.13	1/4		1/4		1/4		1/4	
1/2	1,665.59	1/2	1,369.15	1/2	1,072.66	1/2	780.55	1/2	485.64	1/2	188.95	1/2		1/2		1/2		1/2	
3/4	1,659.42	3/4	1,362.97	3/4	1,066.48	3/4	774.53	3/4	479.46	3/4	182.77	3/4		3/4		3/4		3/4	
10	1,653.24	10	1,356.79	10	1,060.31	10	768.51	10	473.28	10	176.59	10		10		10		10	
1/4	1,647.07	1/4	1,350.62	1/4	1,054.13	1/4	762.49	1/4	467.10	1/4	170.40	1/4		1/4		1/4		1/4	
1/2	1,640.90	1/2	1,344.44	1/2	1,047.95	1/2	756.47	1/2	460.91	1/2	164.22	1/2		1/2		1/2		1/2	
3/4	1,634.72	3/4	1,338.26	3/4	1,041.78	3/4	750.46	3/4	454.73	3/4	158.04	3/4		3/4		3/4		3/4	
11	1,628.55	11	1,332.08	11	1,035.60	11	744.44	11	448.55	11	151.85	11		11		11		11	
1/4	1,622.38	1/4	1,325.91	1/4	1,029.42	1/4	738.42	1/4	442.37	1/4	145.67	1/4		1/4		1/4		1/4	
1/2	1,616.20	1/2	1,319.73	1/2	1,023.24	1/2	732.40	1/2	436.19	1/2	139.48	1/2		1/2		1/2		1/2	
3/4	1,610.03	3/4	1,313.55	3/4	1,017.07	3/4	726.32	3/4	430.01	3/4	133.30	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/31/2015 CL
CALCULATED: 03/31/2015 CL
PRINTED: 04/01/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

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



BARGE "KIRBY 10056"

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		3,253.41		0		2,729.82		0		2,204.38		0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,247.96	1/4	1/4	1/4	2,724.36	1/4	1/4	1/4	2,198.90	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,473.63	1/2	1/2	1/2	2,980.71	1/2	1/2	1/2	2,456.62	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,472.71	3/4	3/4	3/4	2,975.25	3/4	3/4	3/4	2,451.13	3/4	3/4
1	1	1	1	1	1	1	1	1	3,471.80	1	1	1	2,969.80	1	1	1	2,445.65	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,470.88	1/4	1/4	1/4	2,964.34	1/4	1/4	1/4	2,440.17	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,468.14	1/2	1/2	1/2	2,958.89	1/2	1/2	1/2	2,434.68	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,465.40	3/4	3/4	3/4	2,953.44	3/4	3/4	3/4	2,429.20	3/4	3/4
2	2	2	2	2	2	2	2	2	3,462.65	2	2	2	2,947.98	2	2	2	2,423.72	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,459.91	1/4	1/4	1/4	2,942.53	1/4	1/4	1/4	2,418.23	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,455.47	1/2	1/2	1/2	2,937.07	1/2	1/2	1/2	2,412.75	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,451.03	3/4	3/4	3/4	2,931.62	3/4	3/4	3/4	2,407.27	3/4	3/4
3	3	3	3	3	3	3	3	3	3,446.58	3	3	3	2,926.17	3	3	3	2,401.78	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,442.14	1/4	1/4	1/4	2,920.71	1/4	1/4	1/4	2,396.30	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,436.83	1/2	1/2	1/2	2,915.26	1/2	1/2	1/2	2,390.82	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,431.51	3/4	3/4	3/4	2,909.80	3/4	3/4	3/4	2,385.33	3/4	3/4
4	4	4	4	4	4	4	4	4	3,426.20	4	4	4	2,904.35	4	4	4	2,379.85	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,420.88	1/4	1/4	1/4	2,898.89	1/4	1/4	1/4	2,374.37	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,415.53	1/2	1/2	1/2	2,893.44	1/2	1/2	1/2	2,368.88	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,410.19	3/4	3/4	3/4	2,887.99	3/4	3/4	3/4	2,363.40	3/4	3/4
5	5	5	5	5	5	5	5	5	3,404.84	5	5	5	2,882.53	5	5	5	2,357.92	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,399.50	1/4	1/4	1/4	2,877.08	1/4	1/4	1/4	2,352.43	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,394.14	1/2	1/2	1/2	2,871.62	1/2	1/2	1/2	2,346.95	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,388.78	3/4	3/4	3/4	2,866.17	3/4	3/4	3/4	2,341.47	3/4	3/4
6	6	6	6	6	6	6	6	6	3,383.42	6	6	6	2,860.72	6	6	6	2,335.98	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,378.06	1/4	1/4	1/4	2,855.26	1/4	1/4	1/4	2,330.50	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,372.71	1/2	1/2	1/2	2,849.81	1/2	1/2	1/2	2,325.02	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,367.35	3/4	3/4	3/4	2,844.35	3/4	3/4	3/4	2,319.53	3/4	3/4
7	7	7	7	7	7	7	7	7	3,362.00	7	7	7	2,838.90	7	7	7	2,314.05	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,356.64	1/4	1/4	1/4	2,833.45	1/4	1/4	1/4	2,308.57	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,351.29	1/2	1/2	1/2	2,827.99	1/2	1/2	1/2	2,303.08	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,345.93	3/4	3/4	3/4	2,822.54	3/4	3/4	3/4	2,297.60	3/4	3/4
8	8	8	8	8	8	8	8	8	3,340.58	8	8	8	2,817.08	8	8	8	2,292.12	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,335.22	1/4	1/4	1/4	2,811.63	1/4	1/4	1/4	2,286.63	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,329.77	1/2	1/2	1/2	2,806.18	1/2	1/2	1/2	2,281.15	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,324.31	3/4	3/4	3/4	2,800.72	3/4	3/4	3/4	2,275.67	3/4	3/4
9	9	9	9	9	9	9	9	9	3,318.86	9	9	9	2,795.27	9	9	9	2,270.18	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,313.41	1/4	1/4	1/4	2,789.81	1/4	1/4	1/4	2,264.70	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,307.95	1/2	1/2	1/2	2,784.36	1/2	1/2	1/2	2,259.22	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,302.50	3/4	3/4	3/4	2,778.90	3/4	3/4	3/4	2,253.73	3/4	3/4
10	10	10	10	10	10	10	10	10	3,297.04	10	10	10	2,773.45	10	10	10	2,248.25	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,291.59	1/4	1/4	1/4	2,768.00	1/4	1/4	1/4	2,242.77	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,286.14	1/2	1/2	1/2	2,762.54	1/2	1/2	1/2	2,237.28	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,280.68	3/4	3/4	3/4	2,757.09	3/4	3/4	3/4	2,231.80	3/4	3/4
11	11	11	11	11	11	11	11	11	3,275.23	11	11	11	2,751.63	11	11	11	2,226.32	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,269.77	1/4	1/4	1/4	2,746.18	1/4	1/4	1/4	2,220.83	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,264.32	1/2	1/2	1/2	2,740.73	1/2	1/2	1/2	2,215.35	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,258.87	3/4	3/4	3/4	2,735.27	3/4	3/4	3/4	2,209.87	3/4	3/4

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 24'-03" FORWARD OF AFT BULKHEAD

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





BARGE "KIRBY 10056"

2 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	1,677.99	0	1,414.79	0	1,151.43	0	889.84	0	630.60	0	367.30	0	104.02	0		0		0	
1/4	1,672.50	1/4	1,409.31	1/4	1,145.94	1/4	884.44	1/4	625.15	1/4	361.81	1/4	98.55	1/4		1/4		1/4	
1/2	1,667.02	1/2	1,403.82	1/2	1,140.45	1/2	879.04	1/2	619.67	1/2	356.32	1/2	93.10	1/2		1/2		1/2	
3/4	1,661.54	3/4	1,398.33	3/4	1,134.97	3/4	873.64	3/4	614.18	3/4	350.84	3/4	87.65	3/4		3/4		3/4	
1	1,656.05	1	1,392.85	1	1,129.48	1	868.23	1	608.70	1	345.35	1	82.20	1		1		1	
1/4	1,650.57	1/4	1,387.36	1/4	1,123.99	1/4	862.83	1/4	603.21	1/4	339.86	1/4	76.75	1/4		1/4		1/4	
1/2	1,645.09	1/2	1,381.87	1/2	1,118.51	1/2	857.43	1/2	597.72	1/2	334.38	1/2	71.32	1/2		1/2		1/2	
3/4	1,639.60	3/4	1,376.39	3/4	1,113.02	3/4	852.03	3/4	592.24	3/4	328.89	3/4	65.90	3/4		3/4		3/4	
2	1,634.12	2	1,370.90	2	1,107.53	2	846.63	2	586.75	2	323.40	2	60.48	2		2		2	
1/4	1,628.64	1/4	1,365.41	1/4	1,102.05	1/4	841.22	1/4	581.27	1/4	317.92	1/4	55.05	1/4		1/4		1/4	
1/2	1,623.15	1/2	1,359.92	1/2	1,096.56	1/2	835.82	1/2	575.78	1/2	312.43	1/2	49.68	1/2		1/2		1/2	
3/4	1,617.67	3/4	1,354.44	3/4	1,091.07	3/4	830.42	3/4	570.29	3/4	306.95	3/4	44.31	3/4		3/4		3/4	
3	1,612.19	3	1,348.95	3	1,085.58	3	825.02	3	564.81	3	301.46	3	38.94	3		3		3	
1/4	1,606.70	1/4	1,343.46	1/4	1,080.10	1/4	819.62	1/4	559.32	1/4	295.97	1/4	33.56	1/4		1/4		1/4	
1/2	1,601.22	1/2	1,337.98	1/2	1,074.61	1/2	814.22	1/2	553.83	1/2	290.49	1/2	29.00	1/2		1/2		1/2	
3/4	1,595.74	3/4	1,332.49	3/4	1,069.12	3/4	808.82	3/4	548.35	3/4	285.00	3/4	24.43	3/4		3/4		3/4	
4	1,590.26	4	1,327.00	4	1,063.64	4	803.43	4	542.86	4	279.51	4	19.87	4		4		4	
1/4	1,584.77	1/4	1,321.52	1/4	1,058.15	1/4	798.03	1/4	537.37	1/4	274.03	1/4	15.31	1/4		1/4		1/4	
1/2	1,579.29	1/2	1,316.03	1/2	1,052.66	1/2	792.63	1/2	531.89	1/2	268.54	1/2	12.56	1/2		1/2		1/2	
3/4	1,573.81	3/4	1,310.54	3/4	1,047.18	3/4	787.24	3/4	526.40	3/4	263.05	3/4	9.82	3/4		3/4		3/4	
5	1,568.32	5	1,305.06	5	1,041.69	5	781.84	5	520.92	5	257.57	5	7.08	5		5		5	
1/4	1,562.84	1/4	1,299.57	1/4	1,036.20	1/4	776.44	1/4	515.43	1/4	252.08	1/4	4.33	1/4		1/4		1/4	
1/2	1,557.36	1/2	1,294.08	1/2	1,030.72	1/2	771.05	1/2	509.94	1/2	246.60	1/2	3.42	1/2		1/2		1/2	
3/4	1,551.87	3/4	1,288.60	3/4	1,025.23	3/4	765.65	3/4	504.46	3/4	241.11	3/4	2.51	3/4		3/4		3/4	
6	1,546.39	6	1,283.11	6	1,019.74	6	760.25	6	498.97	6	235.62	6	1.59	6		6		6	
1/4	1,540.91	1/4	1,277.62	1/4	1,014.26	1/4	754.86	1/4	493.48	1/4	230.14	1/4	0.68	1/4		1/4		1/4	
1/2	1,535.42	1/2	1,272.14	1/2	1,008.81	1/2	749.46	1/2	488.00	1/2	224.65	1/2		1/2		1/2		1/2	
3/4	1,529.94	3/4	1,266.65	3/4	1,003.37	3/4	744.06	3/4	482.51	3/4	219.16	3/4		3/4		3/4		3/4	
7	1,524.46	7	1,261.16	7	997.92	7	738.67	7	477.02	7	213.68	7		7		7		7	
1/4	1,518.97	1/4	1,255.68	1/4	992.48	1/4	733.27	1/4	471.54	1/4	208.19	1/4		1/4		1/4		1/4	
1/2	1,513.49	1/2	1,250.19	1/2	987.08	1/2	727.87	1/2	466.05	1/2	202.70	1/2		1/2		1/2		1/2	
3/4	1,508.01	3/4	1,244.70	3/4	981.67	3/4	722.48	3/4	460.56	3/4	197.22	3/4		3/4		3/4		3/4	
8	1,502.52	8	1,239.22	8	976.27	8	717.08	8	455.08	8	191.73	8		8		8		8	
1/4	1,497.04	1/4	1,233.73	1/4	970.87	1/4	711.68	1/4	449.59	1/4	186.24	1/4		1/4		1/4		1/4	
1/2	1,491.56	1/2	1,228.24	1/2	965.47	1/2	706.29	1/2	444.11	1/2	180.76	1/2		1/2		1/2		1/2	
3/4	1,486.07	3/4	1,222.75	3/4	960.07	3/4	700.89	3/4	438.62	3/4	175.27	3/4		3/4		3/4		3/4	
9	1,480.59	9	1,217.27	9	954.66	9	695.49	9	433.13	9	169.79	9		9		9		9	
1/4	1,475.11	1/4	1,211.78	1/4	949.26	1/4	690.10	1/4	427.65	1/4	164.30	1/4		1/4		1/4		1/4	
1/2	1,469.62	1/2	1,206.29	1/2	943.86	1/2	684.70	1/2	422.16	1/2	158.81	1/2		1/2		1/2		1/2	
3/4	1,464.14	3/4	1,200.81	3/4	938.46	3/4	679.30	3/4	416.67	3/4	153.33	3/4		3/4		3/4		3/4	
10	1,458.66	10	1,195.32	10	933.06	10	673.91	10	411.19	10	147.84	10		10		10		10	
1/4	1,453.17	1/4	1,189.83	1/4	927.65	1/4	668.51	1/4	405.70	1/4	142.36	1/4		1/4		1/4		1/4	
1/2	1,447.69	1/2	1,184.35	1/2	922.25	1/2	663.11	1/2	400.21	1/2	136.88	1/2		1/2		1/2		1/2	
3/4	1,442.21	3/4	1,178.86	3/4	916.85	3/4	657.72	3/4	394.73	3/4	131.39	3/4		3/4		3/4		3/4	
11	1,436.72	11	1,173.37	11	911.45	11	652.32	11	389.24	11	125.91	11		11		11		11	
1/4	1,431.24	1/4	1,167.89	1/4	906.05	1/4	646.93	1/4	383.76	1/4	120.43	1/4		1/4		1/4		1/4	
1/2	1,425.76	1/2	1,162.40	1/2	900.65	1/2	641.48	1/2	378.27	1/2	114.96	1/2		1/2		1/2		1/2	
3/4	1,420.27	3/4	1,156.91	3/4	895.24	3/4	636.04	3/4	372.78	3/4	109.49	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/31/2015 CL
CALCULATED: 03/31/2015 CL
PRINTED: 04/01/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

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



BARGE "KIRBY 10056"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	1,682.13	0	1,421.50	0	1,160.73	0	900.66	0	640.77	0	380.01	0	119.26	0		0		0	
1/4	1,676.70	1/4	1,416.07	1/4	1,155.30	1/4	895.27	1/4	635.34	1/4	374.57	1/4	113.84	1/4		1/4		1/4	
1/2	1,671.27	1/2	1,410.64	1/2	1,149.86	1/2	889.87	1/2	629.91	1/2	369.14	1/2	108.43	1/2		1/2		1/2	
3/4	1,665.84	3/4	1,405.21	3/4	1,144.43	3/4	884.47	3/4	624.48	3/4	363.71	3/4	103.01	3/4		3/4		3/4	
1	1,660.41	1	1,399.79	1	1,139.00	1	879.08	1	619.04	1	358.28	1	97.59	1		1		1	
1/4	1,654.98	1/4	1,394.35	1/4	1,133.56	1/4	873.68	1/4	613.61	1/4	352.84	1/4	92.20	1/4		1/4		1/4	
1/2	1,649.55	1/2	1,388.92	1/2	1,128.13	1/2	868.28	1/2	608.18	1/2	347.41	1/2	86.80	1/2		1/2		1/2	
3/4	1,644.12	3/4	1,383.49	3/4	1,122.70	3/4	862.89	3/4	602.75	3/4	341.98	3/4	81.40	3/4		3/4		3/4	
2	1,638.69	2	1,378.05	2	1,117.26	2	857.49	2	597.31	2	336.54	2	76.00	2		2		2	
1/4	1,633.26	1/4	1,372.62	1/4	1,111.83	1/4	852.09	1/4	591.88	1/4	331.11	1/4	70.63	1/4		1/4		1/4	
1/2	1,627.83	1/2	1,367.19	1/2	1,106.40	1/2	846.70	1/2	586.45	1/2	325.68	1/2	65.26	1/2		1/2		1/2	
3/4	1,622.40	3/4	1,361.75	3/4	1,100.96	3/4	841.30	3/4	581.02	3/4	320.25	3/4	59.89	3/4		3/4		3/4	
3	1,616.97	3	1,356.32	3	1,095.53	3	835.90	3	575.58	3	314.81	3	54.52	3		3		3	
1/4	1,611.54	1/4	1,350.89	1/4	1,090.10	1/4	830.50	1/4	570.15	1/4	309.38	1/4	49.20	1/4		1/4		1/4	
1/2	1,606.11	1/2	1,345.45	1/2	1,084.67	1/2	825.11	1/2	564.72	1/2	303.95	1/2	43.88	1/2		1/2		1/2	
3/4	1,600.68	3/4	1,340.02	3/4	1,079.23	3/4	819.71	3/4	559.29	3/4	298.52	3/4	38.56	3/4		3/4		3/4	
4	1,595.25	4	1,334.59	4	1,073.80	4	814.31	4	553.85	4	293.08	4	33.24	4		4		4	
1/4	1,589.82	1/4	1,329.15	1/4	1,068.37	1/4	808.92	1/4	548.42	1/4	287.65	1/4	28.72	1/4		1/4		1/4	
1/2	1,584.40	1/2	1,323.72	1/2	1,062.93	1/2	803.53	1/2	542.99	1/2	282.22	1/2	24.20	1/2		1/2		1/2	
3/4	1,578.97	3/4	1,318.29	3/4	1,057.50	3/4	798.14	3/4	537.55	3/4	276.78	3/4	19.68	3/4		3/4		3/4	
5	1,573.54	5	1,312.86	5	1,052.07	5	792.75	5	532.12	5	271.35	5	15.16	5		5		5	
1/4	1,568.11	1/4	1,307.42	1/4	1,046.63	1/4	787.32	1/4	526.69	1/4	265.92	1/4	12.45	1/4		1/4		1/4	
1/2	1,562.68	1/2	1,301.99	1/2	1,041.20	1/2	781.89	1/2	521.26	1/2	260.49	1/2	9.73	1/2		1/2		1/2	
3/4	1,557.25	3/4	1,296.56	3/4	1,035.77	3/4	776.46	3/4	515.82	3/4	255.05	3/4	7.01	3/4		3/4		3/4	
6	1,551.82	6	1,291.12	6	1,030.33	6	771.04	6	510.39	6	249.62	6	4.30	6		6		6	
1/4	1,546.39	1/4	1,285.69	1/4	1,024.90	1/4	765.61	1/4	504.96	1/4	244.19	1/4	3.39	1/4		1/4		1/4	
1/2	1,540.96	1/2	1,280.26	1/2	1,019.47	1/2	760.18	1/2	499.53	1/2	238.76	1/2	2.49	1/2		1/2		1/2	
3/4	1,535.53	3/4	1,274.82	3/4	1,014.04	3/4	754.75	3/4	494.09	3/4	233.32	3/4	1.58	3/4		3/4		3/4	
7	1,530.10	7	1,269.39	7	1,008.60	7	749.32	7	488.66	7	227.89	7	0.68	7		7		7	
1/4	1,524.67	1/4	1,263.96	1/4	1,003.21	1/4	743.90	1/4	483.23	1/4	222.46	1/4		1/4		1/4		1/4	
1/2	1,519.24	1/2	1,258.52	1/2	997.81	1/2	738.47	1/2	477.79	1/2	217.03	1/2		1/2		1/2		1/2	
3/4	1,513.81	3/4	1,253.09	3/4	992.41	3/4	733.04	3/4	472.36	3/4	211.59	3/4		3/4		3/4		3/4	
8	1,508.38	8	1,247.66	8	987.01	8	727.61	8	466.93	8	206.16	8		8		8		8	
1/4	1,502.95	1/4	1,242.23	1/4	981.62	1/4	722.19	1/4	461.50	1/4	200.73	1/4		1/4		1/4		1/4	
1/2	1,497.52	1/2	1,236.79	1/2	976.22	1/2	716.76	1/2	456.06	1/2	195.29	1/2		1/2		1/2		1/2	
3/4	1,492.09	3/4	1,231.36	3/4	970.82	3/4	711.33	3/4	450.63	3/4	189.86	3/4		3/4		3/4		3/4	
9	1,486.66	9	1,225.93	9	965.43	9	705.90	9	445.20	9	184.43	9		9		9		9	
1/4	1,481.23	1/4	1,220.49	1/4	960.03	1/4	700.47	1/4	439.77	1/4	179.00	1/4		1/4		1/4		1/4	
1/2	1,475.80	1/2	1,215.06	1/2	954.63	1/2	695.05	1/2	434.33	1/2	173.56	1/2		1/2		1/2		1/2	
3/4	1,470.37	3/4	1,209.63	3/4	949.24	3/4	689.62	3/4	428.90	3/4	168.13	3/4		3/4		3/4		3/4	
10	1,464.94	10	1,204.19	10	943.84	10	684.19	10	423.47	10	162.70	10		10		10		10	
1/4	1,459.51	1/4	1,198.76	1/4	938.44	1/4	678.76	1/4	418.03	1/4	157.27	1/4		1/4		1/4		1/4	
1/2	1,454.08	1/2	1,193.33	1/2	933.05	1/2	673.34	1/2	412.60	1/2	151.83	1/2		1/2		1/2		1/2	
3/4	1,448.65	3/4	1,187.89	3/4	927.65	3/4	667.91	3/4	407.17	3/4	146.40	3/4		3/4		3/4		3/4	
11	1,443.22	11	1,182.46	11	922.25	11	662.48	11	401.74	11	140.97	11		11		11		11	
1/4	1,437.79	1/4	1,177.03	1/4	916.85	1/4	657.05	1/4	396.30	1/4	135.54	1/4		1/4		1/4		1/4	
1/2	1,432.36	1/2	1,171.60	1/2	911.46	1/2	651.63	1/2	390.87	1/2	130.11	1/2		1/2		1/2		1/2	
3/4	1,426.93	3/4	1,166.16	3/4	906.06	3/4	646.20	3/4	385.44	3/4	124.69	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/31/2015 CL
CALCULATED: 03/31/2015 CL
PRINTED: 04/01/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

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