



BARGE "KIRBY 10255"

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	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	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 - 00-1/8"
 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 29, 2013

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

<http://www.pmacorp.net>



BARGE "KIRBY 10255"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	3,761.07	0	3,531.84	0	3,279.03	0	3,026.21	0	2,764.18	0	2,468.62	0	2,172.43		
1/4		1/4		1/4		1/4	3,760.04	1/4	3,526.58	1/4	3,273.76	1/4	3,020.95	1/4	2,758.03	1/4	2,462.45	1/4	2,166.26		
1/2		1/2		1/2		1/2	3,759.00	1/2	3,521.31	1/2	3,268.49	1/2	3,015.68	1/2	2,751.88	1/2	2,456.28	1/2	2,160.09		
3/4		3/4		3/4		3/4	3,755.91	3/4	3,516.04	3/4	3,263.23	3/4	3,010.41	3/4	2,745.73	3/4	2,450.11	3/4	2,153.92		
1		1		1		1	3,752.81	1	3,510.78	1	3,257.96	1	3,005.14	1	2,739.57	1	2,443.94	1	2,147.75		
1/4		1/4		1/4		1/4	3,749.71	1/4	3,505.51	1/4	3,252.69	1/4	2,999.88	1/4	2,733.42	1/4	2,437.77	1/4	2,141.58		
1/2		1/2		1/2		1/2	3,746.61	1/2	3,500.24	1/2	3,247.43	1/2	2,994.61	1/2	2,727.27	1/2	2,431.60	1/2	2,135.41		
3/4		3/4		3/4		3/4	3,742.47	3/4	3,494.98	3/4	3,242.16	3/4	2,989.34	3/4	2,721.12	3/4	2,425.43	3/4	2,129.24		
2		2		2		2	3,738.32	2	3,489.71	2	3,236.89	2	2,984.08	2	2,714.97	2	2,419.26	2	2,123.06		
1/4		1/4		1/4		1/4	3,734.17	1/4	3,484.44	1/4	3,231.63	1/4	2,978.81	1/4	2,708.81	1/4	2,413.09	1/4	2,116.89		
1/2		1/2		1/2		1/2	3,730.02	1/2	3,479.17	1/2	3,226.36	1/2	2,973.54	1/2	2,702.66	1/2	2,406.92	1/2	2,110.72		
3/4		3/4		3/4		3/4	3,724.89	3/4	3,473.91	3/4	3,221.09	3/4	2,968.28	3/4	2,696.51	3/4	2,400.75	3/4	2,104.55		
3		3		3		3	3,719.76	3	3,468.64	3	3,215.82	3	2,963.01	3	2,690.36	3	2,395.58	3	2,098.38		
1/4		1/4		1/4		1/4	3,714.62	1/4	3,463.37	1/4	3,210.56	1/4	2,957.74	1/4	2,684.21	1/4	2,388.40	1/4	2,092.21		
1/2		1/2		1/2		1/2	3,709.49	1/2	3,458.11	1/2	3,205.29	1/2	2,952.47	1/2	2,678.05	1/2	2,382.23	1/2	2,086.04		
3/4		3/4		3/4		3/4	3,704.32	3/4	3,452.84	3/4	3,200.02	3/4	2,947.21	3/4	2,671.90	3/4	2,376.06	3/4	2,079.87		
4		4		4		4	3,699.15	4	3,447.57	4	3,194.76	4	2,941.94	4	2,665.75	4	2,369.89	4	2,073.70		
1/4		1/4		1/4		1/4	3,693.99	1/4	3,442.31	1/4	3,189.49	1/4	2,936.67	1/4	2,659.60	1/4	2,363.72	1/4	2,067.53		
1/2		1/2		1/2		1/2	3,688.82	1/2	3,437.04	1/2	3,184.22	1/2	2,931.41	1/2	2,653.45	1/2	2,357.55	1/2	2,061.36		
3/4		3/4		3/4		3/4	3,683.64	3/4	3,431.77	3/4	3,178.96	3/4	2,926.14	3/4	2,647.29	3/4	2,351.38	3/4	2,055.19		
5		5		5		5	3,678.45	5	3,426.50	5	3,173.69	5	2,920.87	5	2,641.14	5	2,345.21	5	2,049.02		
1/4		1/4		1/4		1/4	3,673.27	1/4	3,421.24	1/4	3,168.42	1/4	2,915.61	1/4	2,634.99	1/4	2,339.04	1/4	2,042.85		
1/2		1/2		1/2		1/2	3,668.09	1/2	3,415.97	1/2	3,163.15	1/2	2,910.34	1/2	2,628.84	1/2	2,332.87	1/2	2,036.67		
3/4		3/4		3/4		3/4	3,662.91	3/4	3,410.70	3/4	3,157.89	3/4	2,905.07	3/4	2,622.69	3/4	2,326.70	3/4	2,030.50		
6		6		6		6	3,657.73	6	3,405.44	6	3,152.62	6	2,899.80	6	2,616.53	6	2,320.53	6	2,024.33		
1/4		1/4		1/4		1/4	3,652.55	1/4	3,400.17	1/4	3,147.35	1/4	2,894.54	1/4	2,610.38	1/4	2,314.36	1/4	2,018.16		
1/2		1/2		1/2		1/2	3,647.37	1/2	3,394.90	1/2	3,142.09	1/2	2,889.27	1/2	2,604.23	1/2	2,308.19	1/2	2,011.99		
3/4		3/4		3/4		3/4	3,642.19	3/4	3,389.64	3/4	3,136.82	3/4	2,884.00	3/4	2,598.08	3/4	2,302.01	3/4	2,005.82		
7		7		7		7	3,637.01	7	3,384.37	7	3,131.55	7	2,878.74	7	2,591.93	7	2,295.84	7	1,999.65		
1/4		1/4		1/4		1/4	3,631.83	1/4	3,379.10	1/4	3,126.29	1/4	2,873.47	1/4	2,585.77	1/4	2,289.67	1/4	1,993.48		
1/2		1/2		1/2		1/2	3,626.65	1/2	3,373.83	1/2	3,121.02	1/2	2,868.20	1/2	2,579.62	1/2	2,283.50	1/2	1,987.31		
3/4		3/4		3/4		3/4	3,621.38	3/4	3,368.57	3/4	3,115.75	3/4	2,862.91	3/4	2,573.47	3/4	2,277.33	3/4	1,981.14		
8		8		8		8	3,616.12	8	3,363.30	8	3,110.48	8	2,857.62	8	2,567.32	8	2,271.16	8	1,974.97		
1/4		1/4		1/4		1/4	3,610.85	1/4	3,358.03	1/4	3,105.22	1/4	2,852.33	1/4	2,561.17	1/4	2,264.99	1/4	1,968.80		
1/2		1/2		1/2		1/2	3,605.58	1/2	3,352.77	1/2	3,099.95	1/2	2,847.03	1/2	2,555.01	1/2	2,258.82	1/2	1,962.63		
3/4		3/4		3/4		3/4	3,600.32	3/4	3,347.50	3/4	3,094.68	3/4	2,841.74	3/4	2,548.84	3/4	2,252.65	3/4	1,956.46		
9		9		9		9	3,595.05	9	3,342.23	9	3,089.42	9	2,836.45	9	2,542.67	9	2,246.48	9	1,950.28		
1/4		1/4		1/4		1/4	3,589.78	1/4	3,336.97	1/4	3,084.15	1/4	2,831.16	1/4	2,536.50	1/4	2,240.31	1/4	1,944.11		
1/2		1/2		1/2		1/2	3,584.51	1/2	3,331.70	1/2	3,078.88	1/2	2,825.87	1/2	2,530.33	1/2	2,234.14	1/2	1,937.94		
3/4		3/4		3/4		3/4	3,579.25	3/4	3,326.43	3/4	3,073.62	3/4	2,819.67	3/4	2,524.16	3/4	2,227.97	3/4	1,931.77		
10		10		10		10	3,573.98	10	3,321.16	10	3,068.35	10	2,813.48	10	2,517.99	10	2,221.80	10	1,925.60		
1/4		1/4		1/4		1/4	3,568.71	1/4	3,315.90	1/4	3,063.08	1/4	2,807.29	1/4	2,511.82	1/4	2,215.62	1/4	1,919.43		
1/2		1/2		1/2		1/2	3,563.45	1/2	3,310.63	1/2	3,057.81	1/2	2,801.09	1/2	2,505.65	1/2	2,209.45	1/2	1,913.26		
3/4		3/4		3/4		3/4	3,558.18	3/4	3,305.36	3/4	3,052.55	3/4	2,794.94	3/4	2,499.48	3/4	2,203.28	3/4	1,907.09		
11		11		11		11	3,552.91	11	3,300.10	11	3,047.28	11	2,788.79	11	2,493.31	11	2,197.11	11	1,900.92		
1/4		1/4		1/4		1/4	3,547.65	1/4	3,294.83	1/4	3,042.01	1/4	2,782.64	1/4	2,487.14	1/4	2,190.94	1/4	1,894.75		
1/2		1/2		1/2		1/2	3,763.14	1/2	3,542.38	1/2	3,289.56	1/2	3,036.75	1/2	2,776.49	1/2	2,480.96	1/2	2,184.77	1/2	1,888.58
3/4		3/4		3/4		3/4	3,762.10	3/4	3,537.11	3/4	3,284.30	3/4	3,031.48	3/4	2,770.33	3/4	2,474.79	3/4	2,178.60	3/4	1,882.41

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 30'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 10255"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	1,876.24	0	1,579.79	0	1,283.19	0	986.58	0	696.03	0	399.26	0	102.52	0		0		0	
1/4	1,870.07	1/4	1,573.62	1/4	1,277.01	1/4	980.40	1/4	689.87	1/4	393.08	1/4	96.36	1/4		1/4		1/4	
1/2	1,863.89	1/2	1,567.44	1/2	1,270.83	1/2	974.22	1/2	683.70	1/2	386.90	1/2	90.20	1/2		1/2		1/2	
3/4	1,857.72	3/4	1,561.26	3/4	1,264.65	3/4	968.11	3/4	677.52	3/4	380.71	3/4	84.08	3/4		3/4		3/4	
1	1,851.55	1	1,555.08	1	1,258.47	1	961.99	1	671.34	1	374.53	1	77.96	1		1		1	
1/4	1,845.38	1/4	1,548.90	1/4	1,252.29	1/4	955.87	1/4	665.15	1/4	368.35	1/4	71.83	1/4		1/4		1/4	
1/2	1,839.21	1/2	1,542.72	1/2	1,246.11	1/2	949.76	1/2	658.97	1/2	362.16	1/2	65.71	1/2		1/2		1/2	
3/4	1,833.04	3/4	1,536.54	3/4	1,239.93	3/4	943.70	3/4	652.79	3/4	355.98	3/4	59.64	3/4		3/4		3/4	
2	1,826.87	2	1,530.36	2	1,233.75	2	937.65	2	646.61	2	349.80	2	53.58	2		2		2	
1/4	1,820.70	1/4	1,524.18	1/4	1,227.57	1/4	931.60	1/4	640.42	1/4	343.61	1/4	47.51	1/4		1/4		1/4	
1/2	1,814.53	1/2	1,518.00	1/2	1,221.40	1/2	925.54	1/2	634.24	1/2	337.43	1/2	41.44	1/2		1/2		1/2	
3/4	1,808.35	3/4	1,511.82	3/4	1,215.22	3/4	919.49	3/4	628.06	3/4	331.24	3/4	36.29	3/4		3/4		3/4	
3	1,802.17	3	1,505.64	3	1,209.04	3	913.44	3	621.87	3	325.06	3	31.13	3		3		3	
1/4	1,795.99	1/4	1,499.46	1/4	1,202.86	1/4	907.39	1/4	615.69	1/4	318.88	1/4	25.98	1/4		1/4		1/4	
1/2	1,789.81	1/2	1,493.28	1/2	1,196.68	1/2	901.33	1/2	609.51	1/2	312.69	1/2	20.83	1/2		1/2		1/2	
3/4	1,783.63	3/4	1,487.11	3/4	1,190.50	3/4	895.30	3/4	603.32	3/4	306.51	3/4	17.73	3/4		3/4		3/4	
4	1,777.45	4	1,480.93	4	1,184.32	4	889.26	4	597.14	4	300.33	4	14.63	4		4		4	
1/4	1,771.28	1/4	1,474.75	1/4	1,178.14	1/4	883.22	1/4	590.96	1/4	294.14	1/4	11.53	1/4		1/4		1/4	
1/2	1,765.10	1/2	1,468.57	1/2	1,171.96	1/2	877.19	1/2	584.77	1/2	287.96	1/2	8.44	1/2		1/2		1/2	
3/4	1,758.92	3/4	1,462.39	3/4	1,165.78	3/4	871.17	3/4	578.59	3/4	281.78	3/4	7.40	3/4		3/4		3/4	
5	1,752.74	5	1,456.21	5	1,159.60	5	865.15	5	572.41	5	275.59	5	6.37	5		5		5	
1/4	1,746.56	1/4	1,450.03	1/4	1,153.42	1/4	859.12	1/4	566.22	1/4	269.41	1/4	5.34	1/4		1/4		1/4	
1/2	1,740.38	1/2	1,443.85	1/2	1,147.24	1/2	853.10	1/2	560.04	1/2	263.23	1/2	4.31	1/2		1/2		1/2	
3/4	1,734.20	3/4	1,437.67	3/4	1,141.06	3/4	847.08	3/4	553.85	3/4	257.04	3/4		3/4		3/4		3/4	
6	1,728.02	6	1,431.49	6	1,134.89	6	841.06	6	547.67	6	250.86	6		6		6		6	
1/4	1,721.85	1/4	1,425.31	1/4	1,128.71	1/4	835.04	1/4	541.49	1/4	244.67	1/4		1/4		1/4		1/4	
1/2	1,715.67	1/2	1,419.13	1/2	1,122.53	1/2	829.02	1/2	535.30	1/2	238.49	1/2		1/2		1/2		1/2	
3/4	1,709.49	3/4	1,412.95	3/4	1,116.35	3/4	823.00	3/4	529.12	3/4	232.31	3/4		3/4		3/4		3/4	
7	1,703.32	7	1,406.77	7	1,110.17	7	816.98	7	522.94	7	226.12	7		7		7		7	
1/4	1,697.14	1/4	1,400.60	1/4	1,103.99	1/4	810.96	1/4	516.75	1/4	219.94	1/4		1/4		1/4		1/4	
1/2	1,690.97	1/2	1,394.42	1/2	1,097.81	1/2	804.94	1/2	510.57	1/2	213.76	1/2		1/2		1/2		1/2	
3/4	1,684.79	3/4	1,388.24	3/4	1,091.63	3/4	798.92	3/4	504.39	3/4	207.57	3/4		3/4		3/4		3/4	
8	1,678.61	8	1,382.06	8	1,085.45	8	792.90	8	498.20	8	201.39	8		8		8		8	
1/4	1,672.44	1/4	1,375.88	1/4	1,079.27	1/4	786.88	1/4	492.02	1/4	195.21	1/4		1/4		1/4		1/4	
1/2	1,666.26	1/2	1,369.70	1/2	1,073.09	1/2	780.86	1/2	485.83	1/2	189.02	1/2		1/2		1/2		1/2	
3/4	1,660.09	3/4	1,363.52	3/4	1,066.91	3/4	774.84	3/4	479.65	3/4	182.84	3/4		3/4		3/4		3/4	
9	1,653.91	9	1,357.34	9	1,060.73	9	768.82	9	473.47	9	176.66	9		9		9		9	
1/4	1,647.74	1/4	1,351.16	1/4	1,054.55	1/4	762.80	1/4	467.28	1/4	170.47	1/4		1/4		1/4		1/4	
1/2	1,641.56	1/2	1,344.98	1/2	1,048.37	1/2	756.78	1/2	461.10	1/2	164.29	1/2		1/2		1/2		1/2	
3/4	1,635.38	3/4	1,338.80	3/4	1,042.20	3/4	750.76	3/4	454.92	3/4	158.10	3/4		3/4		3/4		3/4	
10	1,629.21	10	1,332.62	10	1,036.02	10	744.74	10	448.73	10	151.91	10		10		10		10	
1/4	1,623.03	1/4	1,326.44	1/4	1,029.84	1/4	738.72	1/4	442.55	1/4	145.72	1/4		1/4		1/4		1/4	
1/2	1,616.86	1/2	1,320.26	1/2	1,023.66	1/2	732.70	1/2	436.37	1/2	139.53	1/2		1/2		1/2		1/2	
3/4	1,610.68	3/4	1,314.08	3/4	1,017.48	3/4	726.61	3/4	430.18	3/4	133.36	3/4		3/4		3/4		3/4	
11	1,604.50	11	1,307.91	11	1,011.30	11	720.53	11	424.00	11	127.18	11		11		11		11	
1/4	1,598.33	1/4	1,301.73	1/4	1,005.12	1/4	714.45	1/4	417.82	1/4	121.01	1/4		1/4		1/4		1/4	
1/2	1,592.15	1/2	1,295.55	1/2	998.94	1/2	708.36	1/2	411.63	1/2	114.83	1/2		1/2		1/2		1/2	
3/4	1,585.97	3/4	1,289.37	3/4	992.76	3/4	702.20	3/4	405.45	3/4	108.67	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/29/2013 CL - SW
CALCULATED: 04/29/2013 CL
PRINTED: 04/29/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "KIRBY 10255"

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	3,229.76	0	2,969.86	0	2,709.96	0	2,449.63	0	2,188.35	0	1,927.07
1/4		1/4		1/4		1/4	3,449.27	1/4	3,224.34	1/4	2,964.44	1/4	2,704.55	1/4	2,444.19	1/4	2,182.91	1/4	1,921.62
1/2		1/2		1/2		1/2	3,448.37	1/2	3,218.93	1/2	2,959.03	1/2	2,699.13	1/2	2,438.75	1/2	2,177.46	1/2	1,916.18
3/4		3/4		3/4		3/4	3,447.46	3/4	3,213.51	3/4	2,953.62	3/4	2,693.72	3/4	2,433.30	3/4	2,172.02	3/4	1,910.74
1		1		1		1	3,446.55	1	3,208.10	1	2,948.20	1	2,688.31	1	2,427.86	1	2,166.58	1	1,905.29
1/4		1/4		1/4		1/4	3,445.64	1/4	3,202.68	1/4	2,942.79	1/4	2,682.89	1/4	2,422.42	1/4	2,161.13	1/4	1,899.85
1/2		1/2		1/2		1/2	3,442.92	1/2	3,197.27	1/2	2,937.37	1/2	2,677.48	1/2	2,416.97	1/2	2,155.69	1/2	1,894.41
3/4		3/4		3/4		3/4	3,440.20	3/4	3,191.85	3/4	2,931.96	3/4	2,672.06	3/4	2,411.53	3/4	2,150.25	3/4	1,888.96
2		2		2		2	3,437.47	2	3,186.44	2	2,926.54	2	2,666.65	2	2,406.09	2	2,144.80	2	1,883.52
1/4		1/4		1/4		1/4	3,434.75	1/4	3,181.02	1/4	2,921.13	1/4	2,661.23	1/4	2,400.64	1/4	2,139.36	1/4	1,878.08
1/2		1/2		1/2		1/2	3,430.34	1/2	3,175.61	1/2	2,915.71	1/2	2,655.82	1/2	2,395.20	1/2	2,133.92	1/2	1,872.63
3/4		3/4		3/4		3/4	3,425.93	3/4	3,170.20	3/4	2,910.30	3/4	2,650.40	3/4	2,389.76	3/4	2,128.47	3/4	1,867.19
3		3		3		3	3,421.52	3	3,164.78	3	2,904.89	3	2,644.99	3	2,384.31	3	2,123.03	3	1,861.75
1/4		1/4		1/4		1/4	3,417.11	1/4	3,159.37	1/4	2,899.47	1/4	2,639.57	1/4	2,378.87	1/4	2,117.59	1/4	1,856.30
1/2		1/2		1/2		1/2	3,411.83	1/2	3,153.95	1/2	2,894.06	1/2	2,634.16	1/2	2,373.43	1/2	2,112.14	1/2	1,850.86
3/4		3/4		3/4		3/4	3,406.56	3/4	3,148.54	3/4	2,888.64	3/4	2,628.75	3/4	2,367.98	3/4	2,106.70	3/4	1,845.42
4		4		4		4	3,401.28	4	3,143.12	4	2,883.23	4	2,623.33	4	2,362.54	4	2,101.26	4	1,839.97
1/4		1/4		1/4		1/4	3,396.00	1/4	3,137.71	1/4	2,877.81	1/4	2,617.92	1/4	2,357.10	1/4	2,095.81	1/4	1,834.53
1/2		1/2		1/2		1/2	3,390.70	1/2	3,132.29	1/2	2,872.40	1/2	2,612.50	1/2	2,351.65	1/2	2,090.37	1/2	1,829.09
3/4		3/4		3/4		3/4	3,385.39	3/4	3,126.88	3/4	2,866.98	3/4	2,607.09	3/4	2,346.21	3/4	2,084.93	3/4	1,823.64
5		5		5		5	3,380.08	5	3,121.47	5	2,861.57	5	2,601.67	5	2,340.77	5	2,079.48	5	1,818.20
1/4		1/4		1/4		1/4	3,374.78	1/4	3,116.05	1/4	2,856.15	1/4	2,596.26	1/4	2,335.32	1/4	2,074.04	1/4	1,812.76
1/2		1/2		1/2		1/2	3,369.46	1/2	3,110.64	1/2	2,850.74	1/2	2,590.84	1/2	2,329.88	1/2	2,068.60	1/2	1,807.31
3/4		3/4		3/4		3/4	3,364.14	3/4	3,105.22	3/4	2,845.33	3/4	2,585.43	3/4	2,324.44	3/4	2,063.15	3/4	1,801.87
6		6		6		6	3,358.82	6	3,099.81	6	2,839.91	6	2,580.02	6	2,318.99	6	2,057.71	6	1,796.43
1/4		1/4		1/4		1/4	3,353.50	1/4	3,094.39	1/4	2,834.50	1/4	2,574.60	1/4	2,313.55	1/4	2,052.27	1/4	1,790.98
1/2		1/2		1/2		1/2	3,348.18	1/2	3,088.98	1/2	2,829.08	1/2	2,569.19	1/2	2,308.11	1/2	2,046.82	1/2	1,785.54
3/4		3/4		3/4		3/4	3,342.87	3/4	3,083.56	3/4	2,823.67	3/4	2,563.77	3/4	2,302.66	3/4	2,041.38	3/4	1,780.10
7		7		7		7	3,337.55	7	3,078.15	7	2,818.25	7	2,558.36	7	2,297.22	7	2,035.94	7	1,774.65
1/4		1/4		1/4		1/4	3,332.24	1/4	3,072.73	1/4	2,812.84	1/4	2,552.94	1/4	2,291.78	1/4	2,030.49	1/4	1,769.21
1/2		1/2		1/2		1/2	3,326.92	1/2	3,067.32	1/2	2,807.42	1/2	2,547.53	1/2	2,286.33	1/2	2,025.05	1/2	1,763.77
3/4		3/4		3/4		3/4	3,321.60	3/4	3,061.91	3/4	2,802.01	3/4	2,542.11	3/4	2,280.89	3/4	2,019.61	3/4	1,758.32
8		8		8		8	3,316.29	8	3,056.49	8	2,796.60	8	2,536.70	8	2,275.44	8	2,014.16	8	1,752.88
1/4		1/4		1/4		1/4	3,310.97	1/4	3,051.08	1/4	2,791.18	1/4	2,531.28	1/4	2,270.00	1/4	2,008.72	1/4	1,747.44
1/2		1/2		1/2		1/2	3,305.56	1/2	3,045.66	1/2	2,785.77	1/2	2,525.84	1/2	2,264.56	1/2	2,003.27	1/2	1,741.99
3/4		3/4		3/4		3/4	3,300.14	3/4	3,040.25	3/4	2,780.35	3/4	2,520.40	3/4	2,259.11	3/4	1,997.83	3/4	1,736.55
9		9		9		9	3,294.73	9	3,034.83	9	2,774.94	9	2,514.95	9	2,253.67	9	1,992.39	9	1,731.10
1/4		1/4		1/4		1/4	3,289.31	1/4	3,029.42	1/4	2,769.52	1/4	2,509.51	1/4	2,248.23	1/4	1,986.94	1/4	1,725.66
1/2		1/2		1/2		1/2	3,283.90	1/2	3,024.00	1/2	2,764.11	1/2	2,504.07	1/2	2,242.78	1/2	1,981.50	1/2	1,720.22
3/4		3/4		3/4		3/4	3,278.49	3/4	3,018.59	3/4	2,758.69	3/4	2,498.62	3/4	2,237.34	3/4	1,976.06	3/4	1,714.77
10		10		10		10	3,273.07	10	3,013.18	10	2,753.28	10	2,493.18	10	2,231.90	10	1,970.61	10	1,709.33
1/4		1/4		1/4		1/4	3,267.66	1/4	3,007.76	1/4	2,747.86	1/4	2,487.74	1/4	2,226.45	1/4	1,965.17	1/4	1,703.89
1/2		1/2		1/2		1/2	3,262.24	1/2	3,002.35	1/2	2,742.45	1/2	2,482.29	1/2	2,221.01	1/2	1,959.73	1/2	1,698.44
3/4		3/4		3/4		3/4	3,256.83	3/4	2,996.93	3/4	2,737.04	3/4	2,476.85	3/4	2,215.57	3/4	1,954.28	3/4	1,693.00
11		11		11		11	3,251.41	11	2,991.52	11	2,731.62	11	2,471.41	11	2,210.12	11	1,948.84	11	1,687.56
1/4		1/4		1/4		1/4	3,246.00	1/4	2,986.10	1/4	2,726.21	1/4	2,465.96	1/4	2,204.68	1/4	1,943.40	1/4	1,682.11
1/2		1/2		1/2		1/2	3,240.58	1/2	2,980.69	1/2	2,720.79	1/2	2,460.52	1/2	2,199.24	1/2	1,937.95	1/2	1,676.67
3/4		3/4		3/4		3/4	3,235.17	3/4	2,975.27	3/4	2,715.38	3/4	2,455.08	3/4	2,193.79	3/4	1,932.51	3/4	1,671.23

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 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 10255"

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.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,660.34	1/4	1,399.06	1/4	1,137.61	1/4	878.01	1/4	620.61	1/4	359.18	1/4	97.84	1/4		1/4		1/4	
1/2	1,654.90	1/2	1,393.61	1/2	1,132.16	1/2	872.64	1/2	615.16	1/2	353.73	1/2	92.43	1/2		1/2		1/2	
3/4	1,649.45	3/4	1,388.16	3/4	1,126.71	3/4	867.28	3/4	609.72	3/4	348.29	3/4	87.01	3/4		3/4		3/4	
1	1,644.01	1	1,382.72	1	1,121.27	1	861.92	1	604.27	1	342.84	1	81.60	1		1		1	
1/4	1,638.57	1/4	1,377.27	1/4	1,115.82	1/4	856.56	1/4	598.82	1/4	337.39	1/4	76.19	1/4		1/4		1/4	
1/2	1,633.12	1/2	1,371.82	1/2	1,110.37	1/2	851.19	1/2	593.38	1/2	331.95	1/2	70.81	1/2		1/2		1/2	
3/4	1,627.68	3/4	1,366.38	3/4	1,104.92	3/4	845.83	3/4	587.93	3/4	326.50	3/4	65.42	3/4		3/4		3/4	
2	1,622.24	2	1,360.93	2	1,099.48	2	840.47	2	582.49	2	321.05	2	60.04	2		2		2	
1/4	1,616.79	1/4	1,355.48	1/4	1,094.03	1/4	835.11	1/4	577.04	1/4	315.61	1/4	54.65	1/4		1/4		1/4	
1/2	1,611.35	1/2	1,350.04	1/2	1,088.58	1/2	829.74	1/2	571.59	1/2	310.16	1/2	49.32	1/2		1/2		1/2	
3/4	1,605.91	3/4	1,344.59	3/4	1,083.14	3/4	824.38	3/4	566.15	3/4	304.71	3/4	43.99	3/4		3/4		3/4	
3	1,600.46	3	1,339.14	3	1,077.69	3	819.02	3	560.70	3	299.27	3	38.65	3		3		3	
1/4	1,595.02	1/4	1,333.69	1/4	1,072.24	1/4	813.65	1/4	555.25	1/4	293.82	1/4	33.32	1/4		1/4		1/4	
1/2	1,589.58	1/2	1,328.25	1/2	1,066.80	1/2	808.30	1/2	549.81	1/2	288.37	1/2	28.79	1/2		1/2		1/2	
3/4	1,584.13	3/4	1,322.80	3/4	1,061.35	3/4	802.94	3/4	544.36	3/4	282.93	3/4	24.26	3/4		3/4		3/4	
4	1,578.69	4	1,317.35	4	1,055.90	4	797.58	4	538.91	4	277.48	4	19.73	4		4		4	
1/4	1,573.25	1/4	1,311.91	1/4	1,050.46	1/4	792.23	1/4	533.47	1/4	272.03	1/4	15.20	1/4		1/4		1/4	
1/2	1,567.80	1/2	1,306.46	1/2	1,045.01	1/2	786.87	1/2	528.02	1/2	266.59	1/2	12.47	1/2		1/2		1/2	
3/4	1,562.36	3/4	1,301.01	3/4	1,039.56	3/4	781.51	3/4	522.57	3/4	261.14	3/4	9.75	3/4		3/4		3/4	
5	1,556.92	5	1,295.57	5	1,034.12	5	776.15	5	517.13	5	255.70	5	7.03	5		5		5	
1/4	1,551.47	1/4	1,290.12	1/4	1,028.67	1/4	770.80	1/4	511.68	1/4	250.25	1/4	4.30	1/4		1/4		1/4	
1/2	1,546.03	1/2	1,284.67	1/2	1,023.22	1/2	765.44	1/2	506.23	1/2	244.80	1/2	3.40	1/2		1/2		1/2	
3/4	1,540.59	3/4	1,279.23	3/4	1,017.77	3/4	760.08	3/4	500.79	3/4	239.36	3/4	2.49	3/4		3/4		3/4	
6	1,535.14	6	1,273.78	6	1,012.33	6	754.72	6	495.34	6	233.91	6	1.58	6		6		6	
1/4	1,529.70	1/4	1,268.33	1/4	1,006.88	1/4	749.37	1/4	489.89	1/4	228.46	1/4	0.67	1/4		1/4		1/4	
1/2	1,524.26	1/2	1,262.89	1/2	1,001.48	1/2	744.01	1/2	484.45	1/2	223.02	1/2		1/2		1/2		1/2	
3/4	1,518.81	3/4	1,257.44	3/4	996.07	3/4	738.65	3/4	479.00	3/4	217.57	3/4		3/4		3/4		3/4	
7	1,513.37	7	1,251.99	7	990.67	7	733.29	7	473.56	7	212.12	7		7		7		7	
1/4	1,507.93	1/4	1,246.54	1/4	985.26	1/4	727.94	1/4	468.11	1/4	206.68	1/4		1/4		1/4		1/4	
1/2	1,502.48	1/2	1,241.10	1/2	979.90	1/2	722.58	1/2	462.66	1/2	201.23	1/2		1/2		1/2		1/2	
3/4	1,497.04	3/4	1,235.65	3/4	974.54	3/4	717.22	3/4	457.22	3/4	195.78	3/4		3/4		3/4		3/4	
8	1,491.60	8	1,230.20	8	969.17	8	711.86	8	451.77	8	190.34	8		8		8		8	
1/4	1,486.15	1/4	1,224.76	1/4	963.81	1/4	706.51	1/4	446.32	1/4	184.89	1/4		1/4		1/4		1/4	
1/2	1,480.71	1/2	1,219.31	1/2	958.45	1/2	701.15	1/2	440.88	1/2	179.44	1/2		1/2		1/2		1/2	
3/4	1,475.27	3/4	1,213.86	3/4	953.08	3/4	695.79	3/4	435.43	3/4	174.00	3/4		3/4		3/4		3/4	
9	1,469.82	9	1,208.42	9	947.72	9	690.43	9	429.98	9	168.55	9		9		9		9	
1/4	1,464.38	1/4	1,202.97	1/4	942.36	1/4	685.08	1/4	424.54	1/4	163.10	1/4		1/4		1/4		1/4	
1/2	1,458.93	1/2	1,197.52	1/2	937.00	1/2	679.72	1/2	419.09	1/2	157.66	1/2		1/2		1/2		1/2	
3/4	1,453.49	3/4	1,192.08	3/4	931.63	3/4	674.36	3/4	413.64	3/4	152.21	3/4		3/4		3/4		3/4	
10	1,448.05	10	1,186.63	10	926.27	10	669.00	10	408.20	10	146.77	10		10		10		10	
1/4	1,442.60	1/4	1,181.18	1/4	920.91	1/4	663.65	1/4	402.75	1/4	141.32	1/4		1/4		1/4		1/4	
1/2	1,437.16	1/2	1,175.73	1/2	915.55	1/2	658.29	1/2	397.30	1/2	135.88	1/2		1/2		1/2		1/2	
3/4	1,431.72	3/4	1,170.29	3/4	910.18	3/4	652.93	3/4	391.86	3/4	130.44	3/4		3/4		3/4		3/4	
11	1,426.27	11	1,164.84	11	904.82	11	647.58	11	386.41	11	125.00	11		11		11		11	
1/4	1,420.83	1/4	1,159.39	1/4	899.46	1/4	642.22	1/4	380.96	1/4	119.56	1/4		1/4		1/4		1/4	
1/2	1,415.39	1/2	1,153.95	1/2	894.10	1/2	636.82	1/2	375.52	1/2	114.13	1/2		1/2		1/2		1/2	
3/4	1,409.94	3/4	1,148.50	3/4	888.73	3/4	631.41	3/4	370.07	3/4	108.70	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/29/2013 CL - SW
CALCULATED: 04/29/2013 CL
PRINTED: 04/29/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "KIRBY 10255"

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	3,262.52	0	3,000.78	0	2,739.04	0	2,476.89	0	2,213.74	0	1,950.60
1/4		1/4		1/4		1/4		1/4	3,257.06	1/4	2,995.33	1/4	2,733.59	1/4	2,471.41	1/4	2,208.26	1/4	1,945.12
1/2		1/2		1/2		1/2	3,478.14	1/2	3,251.61	1/2	2,989.87	1/2	2,728.13	1/2	2,465.92	1/2	2,202.78	1/2	1,939.63
3/4		3/4		3/4		3/4	3,477.22	3/4	3,246.16	3/4	2,984.42	3/4	2,722.68	3/4	2,460.44	3/4	2,197.30	3/4	1,934.15
1		1		1		1	3,476.31	1	3,240.71	1	2,978.97	1	2,717.23	1	2,454.96	1	2,191.81	1	1,928.67
1/4		1/4		1/4		1/4	3,475.39	1/4	3,235.25	1/4	2,973.51	1/4	2,711.77	1/4	2,449.48	1/4	2,186.33	1/4	1,923.19
1/2		1/2		1/2		1/2	3,474.48	1/2	3,229.80	1/2	2,968.06	1/2	2,706.32	1/2	2,444.00	1/2	2,180.85	1/2	1,917.70
3/4		3/4		3/4		3/4	3,471.74	3/4	3,224.35	3/4	2,962.61	3/4	2,700.87	3/4	2,438.51	3/4	2,175.37	3/4	1,912.22
2		2		2		2	3,468.99	2	3,218.89	2	2,957.15	2	2,695.42	2	2,433.03	2	2,169.89	2	1,906.74
1/4		1/4		1/4		1/4	3,466.25	1/4	3,213.44	1/4	2,951.70	1/4	2,689.96	1/4	2,427.55	1/4	2,164.40	1/4	1,901.26
1/2		1/2		1/2		1/2	3,463.51	1/2	3,207.99	1/2	2,946.25	1/2	2,684.51	1/2	2,422.07	1/2	2,158.92	1/2	1,895.78
3/4		3/4		3/4		3/4	3,459.07	3/4	3,202.54	3/4	2,940.80	3/4	2,679.06	3/4	2,416.59	3/4	2,153.44	3/4	1,890.29
3		3		3		3	3,454.63	3	3,197.08	3	2,935.34	3	2,673.60	3	2,411.10	3	2,147.96	3	1,884.81
1/4		1/4		1/4		1/4	3,450.19	1/4	3,191.63	1/4	2,929.89	1/4	2,668.15	1/4	2,405.62	1/4	2,142.48	1/4	1,879.33
1/2		1/2		1/2		1/2	3,445.74	1/2	3,186.18	1/2	2,924.44	1/2	2,662.70	1/2	2,400.14	1/2	2,136.99	1/2	1,873.85
3/4		3/4		3/4		3/4	3,440.43	3/4	3,180.72	3/4	2,918.98	3/4	2,657.25	3/4	2,394.66	3/4	2,131.51	3/4	1,868.37
4		4		4		4	3,435.12	4	3,175.27	4	2,913.53	4	2,651.79	4	2,389.17	4	2,126.03	4	1,862.88
1/4		1/4		1/4		1/4	3,429.81	1/4	3,169.82	1/4	2,908.08	1/4	2,646.34	1/4	2,383.69	1/4	2,120.55	1/4	1,857.40
1/2		1/2		1/2		1/2	3,424.49	1/2	3,164.36	1/2	2,902.63	1/2	2,640.89	1/2	2,378.21	1/2	2,115.06	1/2	1,851.92
3/4		3/4		3/4		3/4	3,419.15	3/4	3,158.91	3/4	2,897.17	3/4	2,635.43	3/4	2,372.73	3/4	2,109.58	3/4	1,846.44
5		5		5		5	3,413.80	5	3,153.46	5	2,891.72	5	2,629.98	5	2,367.25	5	2,104.10	5	1,840.95
1/4		1/4		1/4		1/4	3,408.46	1/4	3,148.01	1/4	2,886.27	1/4	2,624.53	1/4	2,361.76	1/4	2,098.62	1/4	1,835.47
1/2		1/2		1/2		1/2	3,403.12	1/2	3,142.55	1/2	2,880.81	1/2	2,619.07	1/2	2,356.28	1/2	2,093.14	1/2	1,829.99
3/4		3/4		3/4		3/4	3,397.76	3/4	3,137.10	3/4	2,875.36	3/4	2,613.62	3/4	2,350.80	3/4	2,087.65	3/4	1,824.51
6		6		6		6	3,392.40	6	3,131.65	6	2,869.91	6	2,608.17	6	2,345.32	6	2,082.17	6	1,819.03
1/4		1/4		1/4		1/4	3,387.04	1/4	3,126.19	1/4	2,864.46	1/4	2,602.72	1/4	2,339.83	1/4	2,076.69	1/4	1,813.54
1/2		1/2		1/2		1/2	3,381.68	1/2	3,120.74	1/2	2,859.00	1/2	2,597.26	1/2	2,334.35	1/2	2,071.21	1/2	1,808.06
3/4		3/4		3/4		3/4	3,376.33	3/4	3,115.29	3/4	2,853.55	3/4	2,591.81	3/4	2,328.87	3/4	2,065.72	3/4	1,802.58
7		7		7		7	3,370.97	7	3,109.84	7	2,848.10	7	2,586.36	7	2,323.39	7	2,060.24	7	1,797.10
1/4		1/4		1/4		1/4	3,365.62	1/4	3,104.38	1/4	2,842.64	1/4	2,580.90	1/4	2,317.91	1/4	2,054.76	1/4	1,791.61
1/2		1/2		1/2		1/2	3,360.27	1/2	3,098.93	1/2	2,837.19	1/2	2,575.45	1/2	2,312.42	1/2	2,049.28	1/2	1,786.13
3/4		3/4		3/4		3/4	3,354.92	3/4	3,093.48	3/4	2,831.74	3/4	2,570.00	3/4	2,306.94	3/4	2,043.80	3/4	1,780.65
8		8		8		8	3,349.56	8	3,088.02	8	2,826.29	8	2,564.55	8	2,301.46	8	2,038.31	8	1,775.17
1/4		1/4		1/4		1/4	3,344.21	1/4	3,082.57	1/4	2,820.83	1/4	2,559.09	1/4	2,295.98	1/4	2,032.83	1/4	1,769.69
1/2		1/2		1/2		1/2	3,338.86	1/2	3,077.12	1/2	2,815.38	1/2	2,553.64	1/2	2,290.49	1/2	2,027.35	1/2	1,764.20
3/4		3/4		3/4		3/4	3,333.40	3/4	3,071.67	3/4	2,809.93	3/4	2,548.16	3/4	2,285.01	3/4	2,021.87	3/4	1,758.72
9		9		9		9	3,327.95	9	3,066.21	9	2,804.47	9	2,542.68	9	2,279.53	9	2,016.38	9	1,753.24
1/4		1/4		1/4		1/4	3,322.50	1/4	3,060.76	1/4	2,799.02	1/4	2,537.19	1/4	2,274.05	1/4	2,010.90	1/4	1,747.76
1/2		1/2		1/2		1/2	3,317.05	1/2	3,055.31	1/2	2,793.57	1/2	2,531.71	1/2	2,268.57	1/2	2,005.42	1/2	1,742.27
3/4		3/4		3/4		3/4	3,311.59	3/4	3,049.85	3/4	2,788.11	3/4	2,526.23	3/4	2,263.08	3/4	1,999.94	3/4	1,736.79
10		10		10		10	3,306.14	10	3,044.40	10	2,782.66	10	2,520.75	10	2,257.60	10	1,994.46	10	1,731.31
1/4		1/4		1/4		1/4	3,300.69	1/4	3,038.95	1/4	2,777.21	1/4	2,515.26	1/4	2,252.12	1/4	1,988.97	1/4	1,725.83
1/2		1/2		1/2		1/2	3,295.23	1/2	3,033.50	1/2	2,771.76	1/2	2,509.78	1/2	2,246.64	1/2	1,983.49	1/2	1,720.35
3/4		3/4		3/4		3/4	3,289.78	3/4	3,028.04	3/4	2,766.30	3/4	2,504.30	3/4	2,241.15	3/4	1,978.01	3/4	1,714.86
11		11		11		11	3,284.33	11	3,022.59	11	2,760.85	11	2,498.82	11	2,235.67	11	1,972.53	11	1,709.38
1/4		1/4		1/4		1/4	3,278.88	1/4	3,017.14	1/4	2,755.40	1/4	2,493.34	1/4	2,230.19	1/4	1,967.04	1/4	1,703.90
1/2		1/2		1/2		1/2	3,273.42	1/2	3,011.68	1/2	2,749.94	1/2	2,487.85	1/2	2,224.71	1/2	1,961.56	1/2	1,698.42
3/4		3/4		3/4		3/4	3,267.97	3/4	3,006.23	3/4	2,744.49	3/4	2,482.37	3/4	2,219.23	3/4	1,956.08	3/4	1,692.93

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 10255"

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	1,687.45	0	1,424.31	0	1,161.00	0	898.48	0	636.01	0	372.71	0	109.48	0		0		0	
1/4	1,681.97	1/4	1,418.82	1/4	1,155.51	1/4	893.04	1/4	630.52	1/4	367.23	1/4	104.01	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,676.49	1/2	1,413.34	1/2	1,150.02	1/2	887.59	1/2	625.04	1/2	361.74	1/2	98.54	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,671.01	3/4	1,407.86	3/4	1,144.54	3/4	882.14	3/4	619.55	3/4	356.26	3/4	93.09	3/4	3/4	3/4	3/4	3/4	3/4
1	1,665.52	1	1,402.37	1	1,139.05	1	876.69	1	614.07	1	350.77	1	87.64	1	1	1	1	1	1
1/4	1,660.04	1/4	1,396.89	1/4	1,133.57	1/4	871.24	1/4	608.58	1/4	345.29	1/4	82.19	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,654.56	1/2	1,391.40	1/2	1,128.08	1/2	865.79	1/2	603.10	1/2	339.80	1/2	76.74	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,649.08	3/4	1,385.91	3/4	1,122.60	3/4	860.34	3/4	597.61	3/4	334.32	3/4	71.32	3/4	3/4	3/4	3/4	3/4	3/4
2	1,643.59	2	1,380.43	2	1,117.11	2	854.89	2	592.13	2	328.83	2	65.89	2	2	2	2	2	2
1/4	1,638.11	1/4	1,374.94	1/4	1,111.62	1/4	849.44	1/4	586.64	1/4	323.35	1/4	60.47	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,632.63	1/2	1,369.46	1/2	1,106.14	1/2	843.99	1/2	581.16	1/2	317.86	1/2	55.05	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,627.15	3/4	1,363.97	3/4	1,100.65	3/4	838.54	3/4	575.67	3/4	312.38	3/4	49.68	3/4	3/4	3/4	3/4	3/4	3/4
3	1,621.67	3	1,358.48	3	1,095.17	3	833.10	3	570.19	3	306.89	3	44.31	3	3	3	3	3	3
1/4	1,616.18	1/4	1,353.00	1/4	1,089.68	1/4	827.65	1/4	564.70	1/4	301.41	1/4	38.93	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,610.70	1/2	1,347.51	1/2	1,084.19	1/2	822.20	1/2	559.21	1/2	295.92	1/2	33.56	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,605.22	3/4	1,342.03	3/4	1,078.71	3/4	816.75	3/4	553.73	3/4	290.43	3/4	29.00	3/4	3/4	3/4	3/4	3/4	3/4
4	1,599.74	4	1,336.54	4	1,073.22	4	811.31	4	548.24	4	284.95	4	24.43	4	4	4	4	4	4
1/4	1,594.26	1/4	1,331.06	1/4	1,067.74	1/4	805.87	1/4	542.76	1/4	279.46	1/4	19.87	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,588.77	1/2	1,325.57	1/2	1,062.25	1/2	800.42	1/2	537.27	1/2	273.98	1/2	15.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,583.29	3/4	1,320.08	3/4	1,056.77	3/4	794.94	3/4	531.79	3/4	268.49	3/4	12.57	3/4	3/4	3/4	3/4	3/4	3/4
5	1,577.81	5	1,314.60	5	1,051.28	5	789.46	5	526.30	5	263.01	5	9.82	5	5	5	5	5	5
1/4	1,572.33	1/4	1,309.11	1/4	1,045.79	1/4	783.98	1/4	520.82	1/4	257.52	1/4	7.08	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,566.84	1/2	1,303.63	1/2	1,040.31	1/2	778.50	1/2	515.33	1/2	252.04	1/2	4.34	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,561.36	3/4	1,298.14	3/4	1,034.82	3/4	773.02	3/4	509.85	3/4	246.55	3/4	3.42	3/4	3/4	3/4	3/4	3/4	3/4
6	1,555.88	6	1,292.65	6	1,029.34	6	767.54	6	504.36	6	241.07	6	2.51	6	6	6	6	6	6
1/4	1,550.40	1/4	1,287.17	1/4	1,023.85	1/4	762.06	1/4	498.88	1/4	235.58	1/4	1.60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,544.92	1/2	1,281.68	1/2	1,018.36	1/2	756.58	1/2	493.39	1/2	230.10	1/2	0.68	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,539.43	3/4	1,276.20	3/4	1,012.92	3/4	751.10	3/4	487.91	3/4	224.61	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,533.95	7	1,270.71	7	1,007.47	7	745.62	7	482.42	7	219.13	7		7	7	7	7	7	7
1/4	1,528.47	1/4	1,265.23	1/4	1,002.02	1/4	740.14	1/4	476.94	1/4	213.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,522.99	1/2	1,259.74	1/2	996.57	1/2	734.66	1/2	471.45	1/2	208.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,517.50	3/4	1,254.25	3/4	991.12	3/4	729.18	3/4	465.96	3/4	202.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,512.02	8	1,248.77	8	985.67	8	723.70	8	460.48	8	197.18	8		8	8	8	8	8	8
1/4	1,506.54	1/4	1,243.28	1/4	980.22	1/4	718.22	1/4	454.99	1/4	191.70	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,501.06	1/2	1,237.80	1/2	974.77	1/2	712.74	1/2	449.51	1/2	186.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,495.58	3/4	1,232.31	3/4	969.32	3/4	707.26	3/4	444.02	3/4	180.73	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,490.09	9	1,226.83	9	963.87	9	701.78	9	438.54	9	175.24	9		9	9	9	9	9	9
1/4	1,484.61	1/4	1,221.34	1/4	958.42	1/4	696.30	1/4	433.05	1/4	169.76	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,479.13	1/2	1,215.85	1/2	952.98	1/2	690.82	1/2	427.57	1/2	164.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,473.65	3/4	1,210.37	3/4	947.53	3/4	685.34	3/4	422.08	3/4	158.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,468.16	10	1,204.88	10	942.08	10	679.85	10	416.60	10	153.30	10		10	10	10	10	10	10
1/4	1,462.68	1/4	1,199.40	1/4	936.63	1/4	674.37	1/4	411.11	1/4	147.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,457.20	1/2	1,193.91	1/2	931.18	1/2	668.89	1/2	405.63	1/2	142.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,451.72	3/4	1,188.42	3/4	925.73	3/4	663.41	3/4	400.14	3/4	136.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,446.24	11	1,182.94	11	920.28	11	657.94	11	394.66	11	131.37	11		11	11	11	11	11	11
1/4	1,440.75	1/4	1,177.45	1/4	914.83	1/4	652.46	1/4	389.17	1/4	125.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,435.27	1/2	1,171.97	1/2	909.38	1/2	646.98	1/2	383.68	1/2	120.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,429.79	3/4	1,166.48	3/4	903.93	3/4	641.49	3/4	378.20	3/4	114.95	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/29/2013 CL - SW
CALCULATED: 04/29/2013 CL
PRINTED: 04/29/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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