



# BARGE "KIRBY 10132"

## 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	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

February 28, 2015

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

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# BARGE "KIRBY 10132"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

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	0	0	3,543.75	0	3,291.21	0	3,038.67	0	2,779.59	0	2,484.40	0	2,188.54
1/4		1/4		1/4		1/4	3,759.01	1/4	3,538.49	1/4	3,285.95	1/4	3,033.41	1/4	2,773.44	1/4	2,478.24	1/4	2,182.37
1/2		1/2		1/2		1/2	3,757.97	1/2	3,533.23	1/2	3,280.69	1/2	3,028.15	1/2	2,767.29	1/2	2,472.07	1/2	2,176.21
3/4		3/4		3/4		3/4	3,756.94	3/4	3,527.97	3/4	3,275.43	3/4	3,022.89	3/4	2,761.15	3/4	2,465.91	3/4	2,170.04
1	1	1	1	1	1	1	3,755.91	1	3,522.70	1	3,270.17	1	3,017.63	1	2,755.00	1	2,459.75	1	2,163.88
1/4		1/4		1/4		1/4	3,754.88	1/4	3,517.44	1/4	3,264.91	1/4	3,012.37	1/4	2,748.86	1/4	2,453.58	1/4	2,157.72
1/2		1/2		1/2		1/2	3,751.78	1/2	3,512.18	1/2	3,259.64	1/2	3,007.11	1/2	2,742.71	1/2	2,447.42	1/2	2,151.55
3/4		3/4		3/4		3/4	3,748.69	3/4	3,506.92	3/4	3,254.38	3/4	3,001.85	3/4	2,736.57	3/4	2,441.26	3/4	2,145.39
2	2	2	2	2	2	2	3,745.60	2	3,501.66	2	3,249.12	2	2,996.58	2	2,730.42	2	2,435.09	2	2,139.22
1/4		1/4		1/4		1/4	3,742.50	1/4	3,496.40	1/4	3,243.86	1/4	2,991.32	1/4	2,724.28	1/4	2,428.93	1/4	2,133.06
1/2		1/2		1/2		1/2	3,738.36	1/2	3,491.14	1/2	3,238.60	1/2	2,986.06	1/2	2,718.13	1/2	2,422.76	1/2	2,126.90
3/4		3/4		3/4		3/4	3,734.21	3/4	3,485.88	3/4	3,233.34	3/4	2,980.80	3/4	2,711.99	3/4	2,416.60	3/4	2,120.73
3	3	3	3	3	3	3	3,730.07	3	3,480.61	3	3,228.08	3	2,975.54	3	2,705.84	3	2,410.44	3	2,114.57
1/4		1/4		1/4		1/4	3,725.93	1/4	3,475.35	1/4	3,222.82	1/4	2,970.28	1/4	2,699.69	1/4	2,404.27	1/4	2,108.40
1/2		1/2		1/2		1/2	3,720.80	1/2	3,470.09	1/2	3,217.55	1/2	2,965.02	1/2	2,693.55	1/2	2,398.11	1/2	2,102.24
3/4		3/4		3/4		3/4	3,715.67	3/4	3,464.83	3/4	3,212.29	3/4	2,959.76	3/4	2,687.40	3/4	2,391.94	3/4	2,096.08
4	4	4	4	4	4	4	3,710.55	4	3,459.57	4	3,207.03	4	2,954.49	4	2,681.26	4	2,385.78	4	2,089.91
1/4		1/4		1/4		1/4	3,705.42	1/4	3,454.31	1/4	3,201.77	1/4	2,949.23	1/4	2,675.11	1/4	2,379.62	1/4	2,083.75
1/2		1/2		1/2		1/2	3,700.26	1/2	3,449.05	1/2	3,196.51	1/2	2,943.97	1/2	2,668.97	1/2	2,373.45	1/2	2,077.59
3/4		3/4		3/4		3/4	3,695.09	3/4	3,443.79	3/4	3,191.25	3/4	2,938.71	3/4	2,662.82	3/4	2,367.29	3/4	2,071.42
5	5	5	5	5	5	5	3,689.93	5	3,438.52	5	3,185.99	5	2,933.45	5	2,656.68	5	2,361.12	5	2,065.26
1/4		1/4		1/4		1/4	3,684.77	1/4	3,433.26	1/4	3,180.73	1/4	2,928.19	1/4	2,650.53	1/4	2,354.96	1/4	2,059.09
1/2		1/2		1/2		1/2	3,679.59	1/2	3,428.00	1/2	3,175.46	1/2	2,922.93	1/2	2,644.39	1/2	2,348.80	1/2	2,052.93
3/4		3/4		3/4		3/4	3,674.42	3/4	3,422.74	3/4	3,170.20	3/4	2,917.67	3/4	2,638.24	3/4	2,342.63	3/4	2,046.77
6	6	6	6	6	6	6	3,669.24	6	3,417.48	6	3,164.94	6	2,912.40	6	2,632.10	6	2,336.47	6	2,040.60
1/4		1/4		1/4		1/4	3,664.06	1/4	3,412.22	1/4	3,159.68	1/4	2,907.14	1/4	2,625.95	1/4	2,330.30	1/4	2,034.44
1/2		1/2		1/2		1/2	3,658.89	1/2	3,406.96	1/2	3,154.42	1/2	2,901.88	1/2	2,619.80	1/2	2,324.14	1/2	2,028.27
3/4		3/4		3/4		3/4	3,653.71	3/4	3,401.70	3/4	3,149.16	3/4	2,896.62	3/4	2,613.66	3/4	2,317.98	3/4	2,022.11
7	7	7	7	7	7	7	3,648.54	7	3,396.44	7	3,143.90	7	2,891.36	7	2,607.51	7	2,311.81	7	2,015.95
1/4		1/4		1/4		1/4	3,643.36	1/4	3,391.17	1/4	3,138.64	1/4	2,886.10	1/4	2,601.37	1/4	2,305.65	1/4	2,009.78
1/2		1/2		1/2		1/2	3,638.19	1/2	3,385.91	1/2	3,133.38	1/2	2,880.84	1/2	2,595.22	1/2	2,299.49	1/2	2,003.62
3/4		3/4		3/4		3/4	3,633.02	3/4	3,380.65	3/4	3,128.11	3/4	2,875.58	3/4	2,589.08	3/4	2,293.32	3/4	1,997.45
8	8	8	8	8	8	8	3,627.84	8	3,375.39	8	3,122.85	8	2,870.32	8	2,582.93	8	2,287.16	8	1,991.29
1/4		1/4		1/4		1/4	3,622.67	1/4	3,370.13	1/4	3,117.59	1/4	2,865.05	1/4	2,576.79	1/4	2,280.99	1/4	1,985.13
1/2		1/2		1/2		1/2	3,617.41	1/2	3,364.87	1/2	3,112.33	1/2	2,859.77	1/2	2,570.64	1/2	2,274.83	1/2	1,978.96
3/4		3/4		3/4		3/4	3,612.14	3/4	3,359.61	3/4	3,107.07	3/4	2,854.48	3/4	2,564.50	3/4	2,268.67	3/4	1,972.80
9	9	9	9	9	9	9	3,606.88	9	3,354.35	9	3,101.81	9	2,849.20	9	2,558.35	9	2,262.50	9	1,966.63
1/4		1/4		1/4		1/4	3,601.62	1/4	3,349.08	1/4	3,096.55	1/4	2,843.91	1/4	2,552.21	1/4	2,256.34	1/4	1,960.47
1/2		1/2		1/2		1/2	3,596.36	1/2	3,343.82	1/2	3,091.29	1/2	2,838.62	1/2	2,546.04	1/2	2,250.17	1/2	1,954.31
3/4		3/4		3/4		3/4	3,591.10	3/4	3,338.56	3/4	3,086.02	3/4	2,833.34	3/4	2,539.88	3/4	2,244.01	3/4	1,948.14
10	10	10	10	10	10	10	3,585.84	10	3,333.30	10	3,080.76	10	2,828.05	10	2,533.71	10	2,237.85	10	1,941.98
1/4		1/4		1/4		1/4	3,580.58	1/4	3,328.04	1/4	3,075.50	1/4	2,822.77	1/4	2,527.55	1/4	2,231.68	1/4	1,935.82
1/2		1/2		1/2		1/2	3,575.32	1/2	3,322.78	1/2	3,070.24	1/2	2,816.58	1/2	2,521.39	1/2	2,225.52	1/2	1,929.65
3/4		3/4		3/4		3/4	3,570.05	3/4	3,317.52	3/4	3,064.98	3/4	2,810.39	3/4	2,515.22	3/4	2,219.35	3/4	1,923.49
11	11	11	11	11	11	11	3,564.79	11	3,312.26	11	3,059.72	11	2,804.21	11	2,509.06	11	2,213.19	11	1,917.32
1/4		1/4		1/4		1/4	3,559.53	1/4	3,306.99	1/4	3,054.46	1/4	2,798.02	1/4	2,502.89	1/4	2,207.03	1/4	1,911.16
1/2		1/2		1/2		1/2	3,554.27	1/2	3,301.73	1/2	3,049.20	1/2	2,791.88	1/2	2,496.73	1/2	2,200.86	1/2	1,905.00
3/4		3/4		3/4		3/4	3,549.01	3/4	3,296.47	3/4	3,043.93	3/4	2,785.73	3/4	2,490.57	3/4	2,194.70	3/4	1,898.83

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 10132"

## 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	1,892.67	0	1,596.57	0	1,300.30	0	1,004.02	0	713.66	0	417.36	0	120.87	0		0		0	
1/4	1,886.50	1/4	1,590.40	1/4	1,294.12	1/4	997.84	1/4	707.58	1/4	411.18	1/4	114.70	1/4		1/4		1/4	
1/2	1,880.34	1/2	1,584.23	1/2	1,287.95	1/2	991.67	1/2	701.43	1/2	405.00	1/2	108.55	1/2		1/2		1/2	
3/4	1,874.18	3/4	1,578.06	3/4	1,281.78	3/4	985.50	3/4	695.27	3/4	398.83	3/4	102.40	3/4		3/4		3/4	
1	1,868.01	1	1,571.89	1	1,275.61	1	979.33	1	689.11	1	392.65	1	96.26	1		1		1	
1/4	1,861.85	1/4	1,565.71	1/4	1,269.43	1/4	973.15	1/4	682.95	1/4	386.47	1/4	90.11	1/4		1/4		1/4	
1/2	1,855.68	1/2	1,559.54	1/2	1,263.26	1/2	967.04	1/2	676.77	1/2	380.30	1/2	83.99	1/2		1/2		1/2	
3/4	1,849.52	3/4	1,553.37	3/4	1,257.09	3/4	960.93	3/4	670.60	3/4	374.12	3/4	77.87	3/4		3/4		3/4	
2	1,843.36	2	1,547.20	2	1,250.92	2	954.82	2	664.42	2	367.94	2	71.76	2		2		2	
1/4	1,837.19	1/4	1,541.02	1/4	1,244.74	1/4	948.71	1/4	658.25	1/4	361.76	1/4	65.64	1/4		1/4		1/4	
1/2	1,831.03	1/2	1,534.85	1/2	1,238.57	1/2	942.67	1/2	652.07	1/2	355.59	1/2	59.58	1/2		1/2		1/2	
3/4	1,824.87	3/4	1,528.68	3/4	1,232.40	3/4	936.62	3/4	645.90	3/4	349.41	3/4	53.52	3/4		3/4		3/4	
3	1,818.70	3	1,522.51	3	1,226.23	3	930.57	3	639.72	3	343.23	3	47.46	3		3		3	
1/4	1,812.54	1/4	1,516.33	1/4	1,220.05	1/4	924.53	1/4	633.54	1/4	337.06	1/4	41.40	1/4		1/4		1/4	
1/2	1,806.37	1/2	1,510.16	1/2	1,213.88	1/2	918.48	1/2	627.37	1/2	330.88	1/2	35.25	1/2		1/2		1/2	
3/4	1,800.19	3/4	1,503.99	3/4	1,207.71	3/4	912.44	3/4	621.19	3/4	324.70	3/4	31.10	3/4		3/4		3/4	
4	1,794.02	4	1,497.82	4	1,201.54	4	906.39	4	615.01	4	318.53	4	25.95	4		4		4	
1/4	1,787.85	1/4	1,491.64	1/4	1,195.36	1/4	900.34	1/4	608.84	1/4	312.35	1/4	20.80	1/4		1/4		1/4	
1/2	1,781.68	1/2	1,485.47	1/2	1,189.19	1/2	894.31	1/2	602.66	1/2	306.17	1/2	17.71	1/2		1/2		1/2	
3/4	1,775.50	3/4	1,479.30	3/4	1,183.02	3/4	888.28	3/4	596.48	3/4	300.00	3/4	14.62	3/4		3/4		3/4	
5	1,769.33	5	1,473.13	5	1,176.85	5	882.25	5	590.31	5	293.82	5	11.52	5		5		5	
1/4	1,763.16	1/4	1,466.95	1/4	1,170.67	1/4	876.22	1/4	584.13	1/4	287.64	1/4	8.43	1/4		1/4		1/4	
1/2	1,756.99	1/2	1,460.78	1/2	1,164.50	1/2	870.21	1/2	577.95	1/2	281.47	1/2	7.40	1/2		1/2		1/2	
3/4	1,750.81	3/4	1,454.61	3/4	1,158.33	3/4	864.20	3/4	571.78	3/4	275.29	3/4	6.37	3/4		3/4		3/4	
6	1,744.64	6	1,448.44	6	1,152.16	6	858.18	6	565.60	6	269.11	6	5.34	6		6		6	
1/4	1,738.47	1/4	1,442.26	1/4	1,145.98	1/4	852.17	1/4	559.42	1/4	262.94	1/4	4.30	1/4		1/4		1/4	
1/2	1,732.30	1/2	1,436.09	1/2	1,139.81	1/2	846.15	1/2	553.25	1/2	256.76	1/2		1/2		1/2		1/2	
3/4	1,726.13	3/4	1,429.92	3/4	1,133.64	3/4	840.14	3/4	547.07	3/4	250.58	3/4		3/4		3/4		3/4	
7	1,719.96	7	1,423.75	7	1,127.47	7	834.13	7	540.89	7	244.41	7		7		7		7	
1/4	1,713.79	1/4	1,417.57	1/4	1,121.29	1/4	828.11	1/4	534.72	1/4	238.23	1/4		1/4		1/4		1/4	
1/2	1,707.62	1/2	1,411.40	1/2	1,115.12	1/2	822.10	1/2	528.54	1/2	232.05	1/2		1/2		1/2		1/2	
3/4	1,701.45	3/4	1,405.23	3/4	1,108.95	3/4	816.09	3/4	522.36	3/4	225.88	3/4		3/4		3/4		3/4	
8	1,695.28	8	1,399.06	8	1,102.78	8	810.07	8	516.18	8	219.70	8		8		8		8	
1/4	1,689.11	1/4	1,392.88	1/4	1,096.60	1/4	804.06	1/4	510.01	1/4	213.52	1/4		1/4		1/4		1/4	
1/2	1,682.94	1/2	1,386.71	1/2	1,090.43	1/2	798.04	1/2	503.83	1/2	207.34	1/2		1/2		1/2		1/2	
3/4	1,676.77	3/4	1,380.54	3/4	1,084.26	3/4	792.03	3/4	497.65	3/4	201.17	3/4		3/4		3/4		3/4	
9	1,670.60	9	1,374.37	9	1,078.09	9	786.02	9	491.48	9	194.99	9		9		9		9	
1/4	1,664.43	1/4	1,368.19	1/4	1,071.91	1/4	780.00	1/4	485.30	1/4	188.81	1/4		1/4		1/4		1/4	
1/2	1,658.26	1/2	1,362.02	1/2	1,065.74	1/2	773.99	1/2	479.12	1/2	182.64	1/2		1/2		1/2		1/2	
3/4	1,652.09	3/4	1,355.85	3/4	1,059.57	3/4	767.98	3/4	472.95	3/4	176.46	3/4		3/4		3/4		3/4	
10	1,645.93	10	1,349.68	10	1,053.40	10	761.96	10	466.77	10	170.29	10		10		10		10	
1/4	1,639.76	1/4	1,343.50	1/4	1,047.22	1/4	755.95	1/4	460.59	1/4	164.11	1/4		1/4		1/4		1/4	
1/2	1,633.59	1/2	1,337.33	1/2	1,041.05	1/2	749.94	1/2	454.42	1/2	157.93	1/2		1/2		1/2		1/2	
3/4	1,627.42	3/4	1,331.16	3/4	1,034.88	3/4	743.92	3/4	448.24	3/4	151.75	3/4		3/4		3/4		3/4	
11	1,621.25	11	1,324.99	11	1,028.71	11	737.91	11	442.06	11	145.56	11		11		11		11	
1/4	1,615.08	1/4	1,318.81	1/4	1,022.53	1/4	731.89	1/4	435.89	1/4	139.38	1/4		1/4		1/4		1/4	
1/2	1,608.91	1/2	1,312.64	1/2	1,016.36	1/2	725.82	1/2	429.71	1/2	133.21	1/2		1/2		1/2		1/2	
3/4	1,602.74	3/4	1,306.47	3/4	1,010.19	3/4	719.74	3/4	423.53	3/4	127.04	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2015 CL  
CALCULATED: 02/28/2015 CL  
PRINTED: 02/28/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2015

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



# BARGE "KIRBY 10132"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

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	3,250.22	0	2,988.67	0	2,727.13	0	2,465.15	0	2,202.21	0	1,939.28
1/4		1/4		1/4		1/4	3,471.12	1/4	3,244.77	1/4	2,983.23	1/4	2,721.68	1/4	2,459.68	1/4	2,196.74	1/4	1,933.80
1/2		1/2		1/2		1/2	3,470.21	1/2	3,239.32	1/2	2,977.78	1/2	2,716.23	1/2	2,454.20	1/2	2,191.26	1/2	1,928.32
3/4		3/4		3/4		3/4	3,469.30	3/4	3,233.87	3/4	2,972.33	3/4	2,710.79	3/4	2,448.72	3/4	2,185.78	3/4	1,922.84
1		1		1		1	3,468.38	1	3,228.42	1	2,966.88	1	2,705.34	1	2,443.24	1	2,180.30	1	1,917.36
1/4		1/4		1/4		1/4	3,467.47	1/4	3,222.97	1/4	2,961.43	1/4	2,699.89	1/4	2,437.76	1/4	2,174.82	1/4	1,911.89
1/2		1/2		1/2		1/2	3,464.73	1/2	3,217.52	1/2	2,955.98	1/2	2,694.44	1/2	2,432.29	1/2	2,169.35	1/2	1,906.41
3/4		3/4		3/4		3/4	3,461.99	3/4	3,212.08	3/4	2,950.53	3/4	2,688.99	3/4	2,426.81	3/4	2,163.87	3/4	1,900.93
2		2		2		2	3,459.25	2	3,206.63	2	2,945.08	2	2,683.54	2	2,421.33	2	2,158.39	2	1,895.45
1/4		1/4		1/4		1/4	3,456.51	1/4	3,201.18	1/4	2,939.64	1/4	2,678.09	1/4	2,415.85	1/4	2,152.91	1/4	1,889.97
1/2		1/2		1/2		1/2	3,452.07	1/2	3,195.73	1/2	2,934.19	1/2	2,672.64	1/2	2,410.37	1/2	2,147.44	1/2	1,884.50
3/4		3/4		3/4		3/4	3,447.63	3/4	3,190.28	3/4	2,928.74	3/4	2,667.20	3/4	2,404.90	3/4	2,141.96	3/4	1,879.02
3		3		3		3	3,443.19	3	3,184.83	3	2,923.29	3	2,661.75	3	2,399.42	3	2,136.48	3	1,873.54
1/4		1/4		1/4		1/4	3,438.75	1/4	3,179.38	1/4	2,917.84	1/4	2,656.30	1/4	2,393.94	1/4	2,131.00	1/4	1,868.06
1/2		1/2		1/2		1/2	3,433.44	1/2	3,173.93	1/2	2,912.39	1/2	2,650.85	1/2	2,388.46	1/2	2,125.52	1/2	1,862.58
3/4		3/4		3/4		3/4	3,428.13	3/4	3,168.49	3/4	2,906.94	3/4	2,645.40	3/4	2,382.99	3/4	2,120.05	3/4	1,857.11
4		4		4		4	3,422.82	4	3,163.04	4	2,901.49	4	2,639.95	4	2,377.51	4	2,114.57	4	1,851.63
1/4		1/4		1/4		1/4	3,417.51	1/4	3,157.59	1/4	2,896.05	1/4	2,634.50	1/4	2,372.03	1/4	2,109.09	1/4	1,846.15
1/2		1/2		1/2		1/2	3,412.17	1/2	3,152.14	1/2	2,890.60	1/2	2,629.05	1/2	2,366.55	1/2	2,103.61	1/2	1,840.67
3/4		3/4		3/4		3/4	3,406.83	3/4	3,146.69	3/4	2,885.15	3/4	2,623.61	3/4	2,361.07	3/4	2,098.13	3/4	1,835.20
5		5		5		5	3,401.49	5	3,141.24	5	2,879.70	5	2,618.16	5	2,355.60	5	2,092.66	5	1,829.72
1/4		1/4		1/4		1/4	3,396.15	1/4	3,135.79	1/4	2,874.25	1/4	2,612.71	1/4	2,350.12	1/4	2,087.18	1/4	1,824.24
1/2		1/2		1/2		1/2	3,390.80	1/2	3,130.34	1/2	2,868.80	1/2	2,607.26	1/2	2,344.64	1/2	2,081.70	1/2	1,818.76
3/4		3/4		3/4		3/4	3,385.45	3/4	3,124.90	3/4	2,863.35	3/4	2,601.81	3/4	2,339.16	3/4	2,076.22	3/4	1,813.28
6		6		6		6	3,380.09	6	3,119.45	6	2,857.90	6	2,596.36	6	2,333.68	6	2,070.74	6	1,807.81
1/4		1/4		1/4		1/4	3,374.74	1/4	3,114.00	1/4	2,852.45	1/4	2,590.91	1/4	2,328.21	1/4	2,065.27	1/4	1,802.33
1/2		1/2		1/2		1/2	3,369.39	1/2	3,108.55	1/2	2,847.01	1/2	2,585.46	1/2	2,322.73	1/2	2,059.79	1/2	1,796.85
3/4		3/4		3/4		3/4	3,364.04	3/4	3,103.10	3/4	2,841.56	3/4	2,580.01	3/4	2,317.25	3/4	2,054.31	3/4	1,791.37
7		7		7		7	3,358.69	7	3,097.65	7	2,836.11	7	2,574.57	7	2,311.77	7	2,048.83	7	1,785.89
1/4		1/4		1/4		1/4	3,353.35	1/4	3,092.20	1/4	2,830.66	1/4	2,569.12	1/4	2,306.29	1/4	2,043.36	1/4	1,780.42
1/2		1/2		1/2		1/2	3,348.00	1/2	3,086.75	1/2	2,825.21	1/2	2,563.67	1/2	2,300.82	1/2	2,037.88	1/2	1,774.94
3/4		3/4		3/4		3/4	3,342.65	3/4	3,081.30	3/4	2,819.76	3/4	2,558.22	3/4	2,295.34	3/4	2,032.40	3/4	1,769.46
8		8		8		8	3,337.30	8	3,075.86	8	2,814.31	8	2,552.77	8	2,289.86	8	2,026.92	8	1,763.98
1/4		1/4		1/4		1/4	3,331.95	1/4	3,070.41	1/4	2,808.86	1/4	2,547.32	1/4	2,284.38	1/4	2,021.44	1/4	1,758.50
1/2		1/2		1/2		1/2	3,326.50	1/2	3,064.96	1/2	2,803.42	1/2	2,541.84	1/2	2,278.91	1/2	2,015.97	1/2	1,753.03
3/4		3/4		3/4		3/4	3,321.05	3/4	3,059.51	3/4	2,797.97	3/4	2,536.37	3/4	2,273.43	3/4	2,010.49	3/4	1,747.55
9		9		9		9	3,315.60	9	3,054.06	9	2,792.52	9	2,530.89	9	2,267.95	9	2,005.01	9	1,742.07
1/4		1/4		1/4		1/4	3,310.15	1/4	3,048.61	1/4	2,787.07	1/4	2,525.41	1/4	2,262.47	1/4	1,999.53	1/4	1,736.59
1/2		1/2		1/2		1/2	3,304.71	1/2	3,043.16	1/2	2,781.62	1/2	2,519.93	1/2	2,256.99	1/2	1,994.05	1/2	1,731.12
3/4		3/4		3/4		3/4	3,299.26	3/4	3,037.71	3/4	2,776.17	3/4	2,514.45	3/4	2,251.52	3/4	1,988.58	3/4	1,725.64
10		10		10		10	3,293.81	10	3,032.27	10	2,770.72	10	2,508.98	10	2,246.04	10	1,983.10	10	1,720.16
1/4		1/4		1/4		1/4	3,288.36	1/4	3,026.82	1/4	2,765.27	1/4	2,503.50	1/4	2,240.56	1/4	1,977.62	1/4	1,714.68
1/2		1/2		1/2		1/2	3,282.91	1/2	3,021.37	1/2	2,759.83	1/2	2,498.02	1/2	2,235.08	1/2	1,972.14	1/2	1,709.20
3/4		3/4		3/4		3/4	3,277.46	3/4	3,015.92	3/4	2,754.38	3/4	2,492.54	3/4	2,229.60	3/4	1,966.66	3/4	1,703.73
11		11		11		11	3,272.01	11	3,010.47	11	2,748.93	11	2,487.07	11	2,224.13	11	1,961.19	11	1,698.25
1/4		1/4		1/4		1/4	3,266.56	1/4	3,005.02	1/4	2,743.48	1/4	2,481.59	1/4	2,218.65	1/4	1,955.71	1/4	1,692.77
1/2		1/2		1/2		1/2	3,261.12	1/2	2,999.57	1/2	2,738.03	1/2	2,476.11	1/2	2,213.17	1/2	1,950.23	1/2	1,687.29
3/4		3/4		3/4		3/4	3,255.67	3/4	2,994.12	3/4	2,732.58	3/4	2,470.63	3/4	2,207.69	3/4	1,944.75	3/4	1,681.81

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'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 10132"

## 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	1,676.34	0	1,413.40	0	1,150.29	0	888.96	0	629.98	0	366.93	0	103.92	0		0		0	
1/4	1,670.86	1/4	1,407.92	1/4	1,144.81	1/4	883.57	1/4	624.54	1/4	361.45	1/4	98.46	1/4		1/4		1/4	
1/2	1,665.38	1/2	1,402.44	1/2	1,139.33	1/2	878.17	1/2	619.06	1/2	355.97	1/2	93.01	1/2		1/2		1/2	
3/4	1,659.90	3/4	1,396.96	3/4	1,133.85	3/4	872.77	3/4	613.58	3/4	350.49	3/4	87.56	3/4		3/4		3/4	
1	1,654.42	1	1,391.47	1	1,128.37	1	867.38	1	608.10	1	345.01	1	82.12	1		1		1	
1/4	1,648.95	1/4	1,385.99	1/4	1,122.89	1/4	861.98	1/4	602.62	1/4	339.53	1/4	76.67	1/4		1/4		1/4	
1/2	1,643.47	1/2	1,380.51	1/2	1,117.40	1/2	856.58	1/2	597.14	1/2	334.05	1/2	71.25	1/2		1/2		1/2	
3/4	1,637.99	3/4	1,375.03	3/4	1,111.92	3/4	851.19	3/4	591.66	3/4	328.57	3/4	65.84	3/4		3/4		3/4	
2	1,632.51	2	1,369.55	2	1,106.44	2	845.79	2	586.17	2	323.09	2	60.42	2		2		2	
1/4	1,627.03	1/4	1,364.07	1/4	1,100.96	1/4	840.39	1/4	580.69	1/4	317.61	1/4	55.00	1/4		1/4		1/4	
1/2	1,621.56	1/2	1,358.59	1/2	1,095.48	1/2	835.00	1/2	575.21	1/2	312.12	1/2	49.63	1/2		1/2		1/2	
3/4	1,616.08	3/4	1,353.10	3/4	1,090.00	3/4	829.60	3/4	569.73	3/4	306.64	3/4	44.27	3/4		3/4		3/4	
3	1,610.60	3	1,347.62	3	1,084.52	3	824.20	3	564.25	3	301.16	3	38.90	3		3		3	
1/4	1,605.12	1/4	1,342.14	1/4	1,079.03	1/4	818.81	1/4	558.77	1/4	295.68	1/4	33.53	1/4		1/4		1/4	
1/2	1,599.65	1/2	1,336.66	1/2	1,073.55	1/2	813.42	1/2	553.29	1/2	290.20	1/2	28.97	1/2		1/2		1/2	
3/4	1,594.17	3/4	1,331.18	3/4	1,068.07	3/4	808.02	3/4	547.81	3/4	284.72	3/4	24.41	3/4		3/4		3/4	
4	1,588.69	4	1,325.70	4	1,062.59	4	802.63	4	542.33	4	279.24	4	19.85	4		4		4	
1/4	1,583.21	1/4	1,320.22	1/4	1,057.11	1/4	797.24	1/4	536.85	1/4	273.76	1/4	15.29	1/4		1/4		1/4	
1/2	1,577.73	1/2	1,314.74	1/2	1,051.63	1/2	791.85	1/2	531.36	1/2	268.28	1/2	12.55	1/2		1/2		1/2	
3/4	1,572.26	3/4	1,309.25	3/4	1,046.15	3/4	786.46	3/4	525.88	3/4	262.80	3/4	9.81	3/4		3/4		3/4	
5	1,566.78	5	1,303.77	5	1,040.67	5	781.07	5	520.40	5	257.31	5	7.07	5		5		5	
1/4	1,561.30	1/4	1,298.29	1/4	1,035.18	1/4	775.68	1/4	514.92	1/4	251.83	1/4	4.33	1/4		1/4		1/4	
1/2	1,555.82	1/2	1,292.81	1/2	1,029.70	1/2	770.29	1/2	509.44	1/2	246.35	1/2	3.42	1/2		1/2		1/2	
3/4	1,550.34	3/4	1,287.33	3/4	1,024.22	3/4	764.89	3/4	503.96	3/4	240.87	3/4	2.50	3/4		3/4		3/4	
6	1,544.87	6	1,281.85	6	1,018.74	6	759.50	6	498.48	6	235.39	6	1.59	6		6		6	
1/4	1,539.39	1/4	1,276.37	1/4	1,013.26	1/4	754.11	1/4	493.00	1/4	229.91	1/4	0.68	1/4		1/4		1/4	
1/2	1,533.91	1/2	1,270.88	1/2	1,007.82	1/2	748.72	1/2	487.52	1/2	224.43	1/2		1/2		1/2		1/2	
3/4	1,528.43	3/4	1,265.40	3/4	1,002.38	3/4	743.33	3/4	482.04	3/4	218.95	3/4		3/4		3/4		3/4	
7	1,522.95	7	1,259.92	7	996.94	7	737.94	7	476.55	7	213.47	7		7		7		7	
1/4	1,517.48	1/4	1,254.44	1/4	991.50	1/4	732.55	1/4	471.07	1/4	207.99	1/4		1/4		1/4		1/4	
1/2	1,512.00	1/2	1,248.96	1/2	986.11	1/2	727.16	1/2	465.59	1/2	202.50	1/2		1/2		1/2		1/2	
3/4	1,506.52	3/4	1,243.48	3/4	980.71	3/4	721.76	3/4	460.11	3/4	197.02	3/4		3/4		3/4		3/4	
8	1,501.04	8	1,238.00	8	975.31	8	716.37	8	454.63	8	191.54	8		8		8		8	
1/4	1,495.57	1/4	1,232.51	1/4	969.91	1/4	710.98	1/4	449.15	1/4	186.06	1/4		1/4		1/4		1/4	
1/2	1,490.09	1/2	1,227.03	1/2	964.52	1/2	705.59	1/2	443.67	1/2	180.58	1/2		1/2		1/2		1/2	
3/4	1,484.61	3/4	1,221.55	3/4	959.12	3/4	700.20	3/4	438.19	3/4	175.10	3/4		3/4		3/4		3/4	
9	1,479.13	9	1,216.07	9	953.72	9	694.81	9	432.71	9	169.62	9		9		9		9	
1/4	1,473.65	1/4	1,210.59	1/4	948.33	1/4	689.42	1/4	427.23	1/4	164.14	1/4		1/4		1/4		1/4	
1/2	1,468.18	1/2	1,205.11	1/2	942.93	1/2	684.02	1/2	421.74	1/2	158.66	1/2		1/2		1/2		1/2	
3/4	1,462.70	3/4	1,199.63	3/4	937.53	3/4	678.63	3/4	416.26	3/4	153.18	3/4		3/4		3/4		3/4	
10	1,457.22	10	1,194.14	10	932.14	10	673.24	10	410.78	10	147.70	10		10		10		10	
1/4	1,451.74	1/4	1,188.66	1/4	926.74	1/4	667.85	1/4	405.30	1/4	142.22	1/4		1/4		1/4		1/4	
1/2	1,446.26	1/2	1,183.18	1/2	921.34	1/2	662.46	1/2	399.82	1/2	136.74	1/2		1/2		1/2		1/2	
3/4	1,440.79	3/4	1,177.70	3/4	915.95	3/4	657.07	3/4	394.34	3/4	131.27	3/4		3/4		3/4		3/4	
11	1,435.31	11	1,172.22	11	910.55	11	651.68	11	388.86	11	125.79	11		11		11		11	
1/4	1,429.83	1/4	1,166.74	1/4	905.15	1/4	646.29	1/4	383.38	1/4	120.31	1/4		1/4		1/4		1/4	
1/2	1,424.35	1/2	1,161.26	1/2	899.76	1/2	640.85	1/2	377.90	1/2	114.85	1/2		1/2		1/2		1/2	
3/4	1,418.87	3/4	1,155.77	3/4	894.36	3/4	635.41	3/4	372.42	3/4	109.39	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2015 CL  
CALCULATED: 02/28/2015 CL  
PRINTED: 02/28/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2015

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



# BARGE "KIRBY 10132"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

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	0	0	3,227.10	0	2,967.77	0	2,708.44	0	2,448.68	0	2,187.95	0	1,927.23
1/4		1/4		1/4		1/4	3,446.15	1/4	3,221.70	1/4	2,962.37	1/4	2,703.04	1/4	2,443.25	1/4	2,182.52	1/4	1,921.79
1/2		1/2		1/2		1/2	3,445.24	1/2	3,216.30	1/2	2,956.97	1/2	2,697.64	1/2	2,437.82	1/2	2,177.09	1/2	1,916.36
3/4		3/4		3/4		3/4	3,444.34	3/4	3,210.90	3/4	2,951.57	3/4	2,692.24	3/4	2,432.38	3/4	2,171.66	3/4	1,910.93
1	1	1	1	1	1	1	3,443.43	1	3,205.49	1	2,946.16	1	2,686.83	1	2,426.95	1	2,166.23	1	1,905.50
1/4		1/4		1/4		1/4	3,442.53	1/4	3,200.09	1/4	2,940.76	1/4	2,681.43	1/4	2,421.52	1/4	2,160.79	1/4	1,900.07
1/2		1/2		1/2		1/2	3,439.81	1/2	3,194.69	1/2	2,935.36	1/2	2,676.03	1/2	2,416.09	1/2	2,155.36	1/2	1,894.64
3/4		3/4		3/4		3/4	3,437.09	3/4	3,189.29	3/4	2,929.96	3/4	2,670.63	3/4	2,410.66	3/4	2,149.93	3/4	1,889.20
2	2	2	2	2	2	2	3,434.37	2	3,183.88	2	2,924.55	2	2,665.22	2	2,405.22	2	2,144.50	2	1,883.77
1/4		1/4		1/4		1/4	3,431.65	1/4	3,178.48	1/4	2,919.15	1/4	2,659.82	1/4	2,399.79	1/4	2,139.07	1/4	1,878.34
1/2		1/2		1/2		1/2	3,427.25	1/2	3,173.08	1/2	2,913.75	1/2	2,654.42	1/2	2,394.36	1/2	2,133.63	1/2	1,872.91
3/4		3/4		3/4		3/4	3,422.85	3/4	3,167.67	3/4	2,908.34	3/4	2,649.02	3/4	2,388.93	3/4	2,128.20	3/4	1,867.48
3	3	3	3	3	3	3	3,418.45	3	3,162.27	3	2,902.94	3	2,643.61	3	2,383.50	3	2,122.77	3	1,862.04
1/4		1/4		1/4		1/4	3,414.05	1/4	3,156.87	1/4	2,897.54	1/4	2,638.21	1/4	2,378.07	1/4	2,117.34	1/4	1,856.61
1/2		1/2		1/2		1/2	3,408.79	1/2	3,151.47	1/2	2,892.14	1/2	2,632.81	1/2	2,372.63	1/2	2,111.91	1/2	1,851.18
3/4		3/4		3/4		3/4	3,403.53	3/4	3,146.06	3/4	2,886.73	3/4	2,627.40	3/4	2,367.20	3/4	2,106.48	3/4	1,845.75
4	4	4	4	4	4	4	3,398.26	4	3,140.66	4	2,881.33	4	2,622.00	4	2,361.77	4	2,101.04	4	1,840.32
1/4		1/4		1/4		1/4	3,393.00	1/4	3,135.26	1/4	2,875.93	1/4	2,616.60	1/4	2,356.34	1/4	2,095.61	1/4	1,834.89
1/2		1/2		1/2		1/2	3,387.70	1/2	3,129.86	1/2	2,870.53	1/2	2,611.20	1/2	2,350.91	1/2	2,090.18	1/2	1,829.45
3/4		3/4		3/4		3/4	3,382.41	3/4	3,124.45	3/4	2,865.12	3/4	2,605.79	3/4	2,345.47	3/4	2,084.75	3/4	1,824.02
5	5	5	5	5	5	5	3,377.11	5	3,119.05	5	2,859.72	5	2,600.39	5	2,340.04	5	2,079.32	5	1,818.59
1/4		1/4		1/4		1/4	3,371.82	1/4	3,113.65	1/4	2,854.32	1/4	2,594.99	1/4	2,334.61	1/4	2,073.88	1/4	1,813.16
1/2		1/2		1/2		1/2	3,366.51	1/2	3,108.24	1/2	2,848.92	1/2	2,589.59	1/2	2,329.18	1/2	2,068.45	1/2	1,807.73
3/4		3/4		3/4		3/4	3,361.20	3/4	3,102.84	3/4	2,843.51	3/4	2,584.18	3/4	2,323.75	3/4	2,063.02	3/4	1,802.29
6	6	6	6	6	6	6	3,355.89	6	3,097.44	6	2,838.11	6	2,578.78	6	2,318.32	6	2,057.59	6	1,796.86
1/4		1/4		1/4		1/4	3,350.58	1/4	3,092.04	1/4	2,832.71	1/4	2,573.38	1/4	2,312.88	1/4	2,052.16	1/4	1,791.43
1/2		1/2		1/2		1/2	3,345.27	1/2	3,086.63	1/2	2,827.30	1/2	2,567.97	1/2	2,307.45	1/2	2,046.73	1/2	1,786.00
3/4		3/4		3/4		3/4	3,339.97	3/4	3,081.23	3/4	2,821.90	3/4	2,562.57	3/4	2,302.02	3/4	2,041.29	3/4	1,780.57
7	7	7	7	7	7	7	3,334.67	7	3,075.83	7	2,816.50	7	2,557.17	7	2,296.59	7	2,035.86	7	1,775.14
1/4		1/4		1/4		1/4	3,329.36	1/4	3,070.43	1/4	2,811.10	1/4	2,551.77	1/4	2,291.16	1/4	2,030.43	1/4	1,769.70
1/2		1/2		1/2		1/2	3,324.06	1/2	3,065.02	1/2	2,805.69	1/2	2,546.36	1/2	2,285.72	1/2	2,025.00	1/2	1,764.27
3/4		3/4		3/4		3/4	3,318.75	3/4	3,059.62	3/4	2,800.29	3/4	2,540.96	3/4	2,280.29	3/4	2,019.57	3/4	1,758.84
8	8	8	8	8	8	8	3,313.45	8	3,054.22	8	2,794.89	8	2,535.56	8	2,274.86	8	2,014.13	8	1,753.41
1/4		1/4		1/4		1/4	3,308.14	1/4	3,048.82	1/4	2,789.49	1/4	2,530.16	1/4	2,269.43	1/4	2,008.70	1/4	1,747.98
1/2		1/2		1/2		1/2	3,302.74	1/2	3,043.41	1/2	2,784.08	1/2	2,524.72	1/2	2,264.00	1/2	2,003.27	1/2	1,742.54
3/4		3/4		3/4		3/4	3,297.34	3/4	3,038.01	3/4	2,778.68	3/4	2,519.29	3/4	2,258.57	3/4	1,997.84	3/4	1,737.11
9	9	9	9	9	9	9	3,291.94	9	3,032.61	9	2,773.28	9	2,513.86	9	2,253.13	9	1,992.41	9	1,731.68
1/4		1/4		1/4		1/4	3,286.53	1/4	3,027.20	1/4	2,767.87	1/4	2,508.43	1/4	2,247.70	1/4	1,986.98	1/4	1,726.25
1/2		1/2		1/2		1/2	3,281.13	1/2	3,021.80	1/2	2,762.47	1/2	2,503.00	1/2	2,242.27	1/2	1,981.54	1/2	1,720.82
3/4		3/4		3/4		3/4	3,275.73	3/4	3,016.40	3/4	2,757.07	3/4	2,497.57	3/4	2,236.84	3/4	1,976.11	3/4	1,715.39
10	10	10	10	10	10	10	3,270.33	10	3,011.00	10	2,751.67	10	2,492.13	10	2,231.41	10	1,970.68	10	1,709.95
1/4		1/4		1/4		1/4	3,264.92	1/4	3,005.59	1/4	2,746.26	1/4	2,486.70	1/4	2,225.98	1/4	1,965.25	1/4	1,704.52
1/2		1/2		1/2		1/2	3,259.52	1/2	3,000.19	1/2	2,740.86	1/2	2,481.27	1/2	2,220.54	1/2	1,959.82	1/2	1,699.09
3/4		3/4		3/4		3/4	3,254.12	3/4	2,994.79	3/4	2,735.46	3/4	2,475.84	3/4	2,215.11	3/4	1,954.39	3/4	1,693.66
11	11	11	11	11	11	11	3,248.72	11	2,989.39	11	2,730.06	11	2,470.41	11	2,209.68	11	1,948.95	11	1,688.23
1/4		1/4		1/4		1/4	3,243.31	1/4	2,983.98	1/4	2,724.65	1/4	2,464.97	1/4	2,204.25	1/4	1,943.52	1/4	1,682.80
1/2		1/2		1/2		1/2	3,237.91	1/2	2,978.58	1/2	2,719.25	1/2	2,459.54	1/2	2,198.82	1/2	1,938.09	1/2	1,677.36
3/4		3/4		3/4		3/4	3,232.51	3/4	2,973.18	3/4	2,713.85	3/4	2,454.11	3/4	2,193.38	3/4	1,932.66	3/4	1,671.93

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'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 10132"

## 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	1,666.50	0	1,405.77	0	1,144.88	0	884.82	0	624.72	0	363.85	0	103.05	0		0		0	
1/4	1,661.07	1/4	1,400.34	1/4	1,139.45	1/4	879.42	1/4	619.29	1/4	358.42	1/4	97.63	1/4		1/4		1/4	
1/2	1,655.64	1/2	1,394.91	1/2	1,134.01	1/2	874.02	1/2	613.86	1/2	352.98	1/2	92.23	1/2		1/2		1/2	
3/4	1,650.20	3/4	1,389.47	3/4	1,128.58	3/4	868.63	3/4	608.42	3/4	347.55	3/4	86.83	3/4		3/4		3/4	
1	1,644.77	1	1,384.04	1	1,123.14	1	863.23	1	602.99	1	342.11	1	81.43	1		1		1	
1/4	1,639.34	1/4	1,378.60	1/4	1,117.71	1/4	857.83	1/4	597.55	1/4	336.68	1/4	76.03	1/4		1/4		1/4	
1/2	1,633.91	1/2	1,373.16	1/2	1,112.27	1/2	852.43	1/2	592.12	1/2	331.24	1/2	70.66	1/2		1/2		1/2	
3/4	1,628.48	3/4	1,367.73	3/4	1,106.84	3/4	847.03	3/4	586.68	3/4	325.81	3/4	65.29	3/4		3/4		3/4	
2	1,623.05	2	1,362.29	2	1,101.40	2	841.63	2	581.25	2	320.37	2	59.92	2		2		2	
1/4	1,617.61	1/4	1,356.86	1/4	1,095.96	1/4	836.23	1/4	575.81	1/4	314.94	1/4	54.54	1/4		1/4		1/4	
1/2	1,612.18	1/2	1,351.42	1/2	1,090.53	1/2	830.83	1/2	570.38	1/2	309.50	1/2	49.22	1/2		1/2		1/2	
3/4	1,606.75	3/4	1,345.99	3/4	1,085.09	3/4	825.43	3/4	564.94	3/4	304.07	3/4	43.90	3/4		3/4		3/4	
3	1,601.32	3	1,340.55	3	1,079.66	3	820.03	3	559.51	3	298.63	3	38.57	3		3		3	
1/4	1,595.89	1/4	1,335.12	1/4	1,074.22	1/4	814.64	1/4	554.08	1/4	293.20	1/4	33.25	1/4		1/4		1/4	
1/2	1,590.45	1/2	1,329.68	1/2	1,068.79	1/2	809.24	1/2	548.64	1/2	287.76	1/2	28.73	1/2		1/2		1/2	
3/4	1,585.02	3/4	1,324.25	3/4	1,063.35	3/4	803.85	3/4	543.21	3/4	282.33	3/4	24.21	3/4		3/4		3/4	
4	1,579.59	4	1,318.81	4	1,057.92	4	798.45	4	537.77	4	276.90	4	19.69	4		4		4	
1/4	1,574.16	1/4	1,313.38	1/4	1,052.48	1/4	793.06	1/4	532.34	1/4	271.46	1/4	15.17	1/4		1/4		1/4	
1/2	1,568.73	1/2	1,307.94	1/2	1,047.05	1/2	787.63	1/2	526.90	1/2	266.03	1/2	12.45	1/2		1/2		1/2	
3/4	1,563.30	3/4	1,302.51	3/4	1,041.61	3/4	782.20	3/4	521.47	3/4	260.59	3/4	9.73	3/4		3/4		3/4	
5	1,557.86	5	1,297.07	5	1,036.18	5	776.77	5	516.03	5	255.16	5	7.02	5		5		5	
1/4	1,552.43	1/4	1,291.64	1/4	1,030.74	1/4	771.34	1/4	510.60	1/4	249.72	1/4	4.30	1/4		1/4		1/4	
1/2	1,547.00	1/2	1,286.20	1/2	1,025.31	1/2	765.91	1/2	505.16	1/2	244.29	1/2	3.39	1/2		1/2		1/2	
3/4	1,541.57	3/4	1,280.76	3/4	1,019.87	3/4	760.48	3/4	499.73	3/4	238.85	3/4	2.49	3/4		3/4		3/4	
6	1,536.14	6	1,275.33	6	1,014.44	6	755.05	6	494.29	6	233.42	6	1.58	6		6		6	
1/4	1,530.70	1/4	1,269.89	1/4	1,009.00	1/4	749.62	1/4	488.86	1/4	227.98	1/4	0.68	1/4		1/4		1/4	
1/2	1,525.27	1/2	1,264.46	1/2	1,003.60	1/2	744.19	1/2	483.42	1/2	222.55	1/2		1/2		1/2		1/2	
3/4	1,519.84	3/4	1,259.02	3/4	998.20	3/4	738.76	3/4	477.99	3/4	217.11	3/4		3/4		3/4		3/4	
7	1,514.41	7	1,253.59	7	992.80	7	733.33	7	472.55	7	211.68	7		7		7		7	
1/4	1,508.98	1/4	1,248.15	1/4	987.40	1/4	727.90	1/4	467.12	1/4	206.24	1/4		1/4		1/4		1/4	
1/2	1,503.55	1/2	1,242.72	1/2	982.00	1/2	722.47	1/2	461.68	1/2	200.81	1/2		1/2		1/2		1/2	
3/4	1,498.11	3/4	1,237.28	3/4	976.61	3/4	717.04	3/4	456.25	3/4	195.37	3/4		3/4		3/4		3/4	
8	1,492.68	8	1,231.85	8	971.21	8	711.61	8	450.81	8	189.94	8		8		8		8	
1/4	1,487.25	1/4	1,226.41	1/4	965.81	1/4	706.18	1/4	445.38	1/4	184.50	1/4		1/4		1/4		1/4	
1/2	1,481.82	1/2	1,220.98	1/2	960.41	1/2	700.75	1/2	439.94	1/2	179.07	1/2		1/2		1/2		1/2	
3/4	1,476.39	3/4	1,215.54	3/4	955.01	3/4	695.32	3/4	434.51	3/4	173.63	3/4		3/4		3/4		3/4	
9	1,470.95	9	1,210.11	9	949.61	9	689.89	9	429.07	9	168.20	9		9		9		9	
1/4	1,465.52	1/4	1,204.67	1/4	944.21	1/4	684.46	1/4	423.64	1/4	162.76	1/4		1/4		1/4		1/4	
1/2	1,460.09	1/2	1,199.24	1/2	938.81	1/2	679.03	1/2	418.20	1/2	157.33	1/2		1/2		1/2		1/2	
3/4	1,454.66	3/4	1,193.80	3/4	933.41	3/4	673.60	3/4	412.77	3/4	151.89	3/4		3/4		3/4		3/4	
10	1,449.23	10	1,188.36	10	928.01	10	668.17	10	407.33	10	146.46	10		10		10		10	
1/4	1,443.80	1/4	1,182.93	1/4	922.62	1/4	662.74	1/4	401.90	1/4	141.02	1/4		1/4		1/4		1/4	
1/2	1,438.36	1/2	1,177.49	1/2	917.22	1/2	657.31	1/2	396.46	1/2	135.60	1/2		1/2		1/2		1/2	
3/4	1,432.93	3/4	1,172.06	3/4	911.82	3/4	651.88	3/4	391.03	3/4	130.17	3/4		3/4		3/4		3/4	
11	1,427.50	11	1,166.62	11	906.42	11	646.46	11	385.59	11	124.74	11		11		11		11	
1/4	1,422.07	1/4	1,161.19	1/4	901.02	1/4	641.03	1/4	380.16	1/4	119.31	1/4		1/4		1/4		1/4	
1/2	1,416.64	1/2	1,155.75	1/2	895.62	1/2	635.59	1/2	374.72	1/2	113.89	1/2		1/2		1/2		1/2	
3/4	1,411.21	3/4	1,150.32	3/4	890.22	3/4	630.16	3/4	369.29	3/4	108.47	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2015 CL  
CALCULATED: 02/28/2015 CL  
PRINTED: 02/28/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2015

PRECISION MEASUREMENT  
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