



# BARGE "KIRBY 10124"

## 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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8

(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'-03"

January 30, 2015

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

<http://www.pmacorp.net>



# BARGE "KIRBY 10124"

# 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	3,559.71	0	3,307.16	0	3,054.61	0	2,798.16	0	2,503.02	0	2,207.13
1/4		1/4		1/4		1/4		1/4	3,554.45	1/4	3,301.90	1/4	3,049.35	1/4	2,792.01	1/4	2,496.85	1/4	2,200.97
1/2		1/2		1/2		1/2		1/2	3,549.19	1/2	3,296.64	1/2	3,044.08	1/2	2,785.87	1/2	2,490.69	1/2	2,194.81
3/4		3/4		3/4		3/4		3/4	3,543.93	3/4	3,291.38	3/4	3,038.82	3/4	2,779.72	3/4	2,484.52	3/4	2,188.64
1	1	1	1	1	1	1	1	1	3,759.19	1	3,538.67	1	3,286.11	1	2,773.57	1	2,478.36	1	2,182.48
1/4		1/4		1/4		1/4		1/4	3,758.16	1/4	3,533.40	1/4	3,280.85	1/4	2,767.43	1/4	2,472.19	1/4	2,176.31
1/2		1/2		1/2		1/2		1/2	3,757.13	1/2	3,528.14	1/2	3,275.59	1/2	2,761.28	1/2	2,466.03	1/2	2,170.15
3/4		3/4		3/4		3/4		3/4	3,756.09	3/4	3,522.88	3/4	3,270.33	3/4	2,755.14	3/4	2,459.87	3/4	2,163.98
2	2	2	2	2	2	2	2	2	3,755.06	2	3,517.62	2	3,265.07	2	2,748.99	2	2,453.70	2	2,157.82
1/4		1/4		1/4		1/4		1/4	3,751.97	1/4	3,512.36	1/4	3,259.81	1/4	2,742.85	1/4	2,447.54	1/4	2,151.66
1/2		1/2		1/2		1/2		1/2	3,748.87	1/2	3,507.10	1/2	3,254.55	1/2	2,736.70	1/2	2,441.37	1/2	2,145.49
3/4		3/4		3/4		3/4		3/4	3,745.78	3/4	3,501.84	3/4	3,249.28	3/4	2,730.55	3/4	2,435.21	3/4	2,139.33
3	3	3	3	3	3	3	3	3	3,742.68	3	3,496.57	3	3,244.02	3	2,991.47	3	2,724.41	3	2,429.05
1/4		1/4		1/4		1/4		1/4	3,738.54	1/4	3,491.31	1/4	3,238.76	1/4	2,986.27	1/4	2,718.26	1/4	2,422.88
1/2		1/2		1/2		1/2		1/2	3,734.40	1/2	3,486.05	1/2	3,233.50	1/2	2,980.95	1/2	2,712.12	1/2	2,416.72
3/4		3/4		3/4		3/4		3/4	3,730.25	3/4	3,480.79	3/4	3,228.24	3/4	2,975.69	3/4	2,705.97	3/4	2,410.55
4	4	4	4	4	4	4	4	4	3,726.11	4	3,475.53	4	3,222.98	4	2,970.42	4	2,699.83	4	2,404.39
1/4		1/4		1/4		1/4		1/4	3,720.98	1/4	3,470.27	1/4	3,217.71	1/4	2,965.16	1/4	2,693.68	1/4	2,398.22
1/2		1/2		1/2		1/2		1/2	3,715.85	1/2	3,465.01	1/2	3,212.45	1/2	2,959.90	1/2	2,687.53	1/2	2,392.06
3/4		3/4		3/4		3/4		3/4	3,710.73	3/4	3,459.74	3/4	3,207.19	3/4	2,954.64	3/4	2,681.39	3/4	2,385.90
5	5	5	5	5	5	5	5	5	3,705.60	5	3,454.48	5	3,201.93	5	2,949.38	5	2,675.24	5	2,379.73
1/4		1/4		1/4		1/4		1/4	3,700.44	1/4	3,449.22	1/4	3,196.67	1/4	2,944.12	1/4	2,669.10	1/4	2,373.57
1/2		1/2		1/2		1/2		1/2	3,695.27	1/2	3,443.96	1/2	3,191.41	1/2	2,938.85	1/2	2,662.95	1/2	2,367.40
3/4		3/4		3/4		3/4		3/4	3,690.11	3/4	3,438.70	3/4	3,186.15	3/4	2,933.59	3/4	2,656.81	3/4	2,361.24
6	6	6	6	6	6	6	6	6	3,684.95	6	3,433.44	6	3,180.88	6	2,928.33	6	2,650.66	6	2,355.08
1/4		1/4		1/4		1/4		1/4	3,679.77	1/4	3,428.17	1/4	3,175.62	1/4	2,923.07	1/4	2,644.52	1/4	2,348.91
1/2		1/2		1/2		1/2		1/2	3,674.59	1/2	3,422.91	1/2	3,170.36	1/2	2,917.81	1/2	2,638.37	1/2	2,342.75
3/4		3/4		3/4		3/4		3/4	3,669.42	3/4	3,417.65	3/4	3,165.10	3/4	2,912.55	3/4	2,632.22	3/4	2,336.58
7	7	7	7	7	7	7	7	7	3,664.24	7	3,412.39	7	3,159.84	7	2,907.29	7	2,626.08	7	2,330.42
1/4		1/4		1/4		1/4		1/4	3,659.07	1/4	3,407.13	1/4	3,154.58	1/4	2,902.02	1/4	2,619.93	1/4	2,324.25
1/2		1/2		1/2		1/2		1/2	3,653.89	1/2	3,401.87	1/2	3,149.32	1/2	2,896.76	1/2	2,613.79	1/2	2,318.09
3/4		3/4		3/4		3/4		3/4	3,648.72	3/4	3,396.61	3/4	3,144.05	3/4	2,891.50	3/4	2,607.64	3/4	2,311.93
8	8	8	8	8	8	8	8	8	3,643.55	8	3,391.34	8	3,138.79	8	2,886.24	8	2,601.50	8	2,305.76
1/4		1/4		1/4		1/4		1/4	3,638.37	1/4	3,386.08	1/4	3,133.53	1/4	2,880.98	1/4	2,595.35	1/4	2,299.60
1/2		1/2		1/2		1/2		1/2	3,633.20	1/2	3,380.82	1/2	3,128.27	1/2	2,875.72	1/2	2,589.20	1/2	2,293.43
3/4		3/4		3/4		3/4		3/4	3,628.02	3/4	3,375.56	3/4	3,123.01	3/4	2,870.46	3/4	2,583.06	3/4	2,287.27
9	9	9	9	9	9	9	9	9	3,622.85	9	3,370.30	9	3,117.75	9	2,865.19	9	2,576.91	9	2,281.10
1/4		1/4		1/4		1/4		1/4	3,617.59	1/4	3,365.04	1/4	3,112.48	1/4	2,859.91	1/4	2,570.77	1/4	2,274.94
1/2		1/2		1/2		1/2		1/2	3,612.33	1/2	3,359.78	1/2	3,107.22	1/2	2,854.62	1/2	2,564.62	1/2	2,268.78
3/4		3/4		3/4		3/4		3/4	3,607.07	3/4	3,354.51	3/4	3,101.96	3/4	2,849.33	3/4	2,558.48	3/4	2,262.61
10	10	10	10	10	10	10	10	10	3,601.80	10	3,349.25	10	3,096.70	10	2,844.05	10	2,552.33	10	2,256.45
1/4		1/4		1/4		1/4		1/4	3,596.54	1/4	3,343.99	1/4	3,091.44	1/4	2,838.76	1/4	2,546.17	1/4	2,250.28
1/2		1/2		1/2		1/2		1/2	3,591.28	1/2	3,338.73	1/2	3,086.18	1/2	2,833.48	1/2	2,540.00	1/2	2,244.12
3/4		3/4		3/4		3/4		3/4	3,586.02	3/4	3,333.47	3/4	3,080.92	3/4	2,828.19	3/4	2,533.84	3/4	2,237.96
11	11	11	11	11	11	11	11	11	3,580.76	11	3,328.21	11	3,075.65	11	2,822.90	11	2,527.67	11	2,231.79
1/4		1/4		1/4		1/4		1/4	3,575.50	1/4	3,322.94	1/4	3,070.39	1/4	2,816.72	1/4	2,521.51	1/4	2,225.63
1/2		1/2		1/2		1/2		1/2	3,570.24	1/2	3,317.68	1/2	3,065.13	1/2	2,810.53	1/2	2,515.34	1/2	2,219.46
3/4		3/4		3/4		3/4		3/4	3,564.97	3/4	3,312.42	3/4	3,059.87	3/4	2,804.34	3/4	2,509.18	3/4	2,213.30

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.

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# BARGE "KIRBY 10124"

## 1 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	1,911.25	0	1,615.16	0	1,318.88	0	1,022.58	0	731.93	0	435.91	0	139.39	0		0		0	
1/4	1,905.09	1/4	1,608.99	1/4	1,312.71	1/4	1,016.41	1/4	725.85	1/4	429.73	1/4	133.22	1/4		1/4		1/4	
1/2	1,898.92	1/2	1,602.82	1/2	1,306.53	1/2	1,010.24	1/2	719.77	1/2	423.55	1/2	127.05	1/2		1/2		1/2	
3/4	1,892.76	3/4	1,596.65	3/4	1,300.36	3/4	1,004.07	3/4	713.70	3/4	417.38	3/4	120.88	3/4		3/4		3/4	
1	1,886.60	1	1,590.48	1	1,294.19	1	997.89	1	707.62	1	411.20	1	114.71	1		1		1	
1/4	1,880.43	1/4	1,584.31	1/4	1,288.01	1/4	991.72	1/4	701.46	1/4	405.02	1/4	108.56	1/4		1/4		1/4	
1/2	1,874.27	1/2	1,578.14	1/2	1,281.84	1/2	985.55	1/2	695.30	1/2	398.84	1/2	102.41	1/2		1/2		1/2	
3/4	1,868.10	3/4	1,571.96	3/4	1,275.67	3/4	979.37	3/4	689.14	3/4	392.67	3/4	96.26	3/4		3/4		3/4	
2	1,861.94	2	1,565.79	2	1,269.50	2	973.20	2	682.98	2	386.49	2	90.11	2		2		2	
1/4	1,855.77	1/4	1,559.62	1/4	1,263.32	1/4	967.09	1/4	676.81	1/4	380.31	1/4	83.99	1/4		1/4		1/4	
1/2	1,849.61	1/2	1,553.44	1/2	1,257.15	1/2	960.98	1/2	670.63	1/2	374.14	1/2	77.88	1/2		1/2		1/2	
3/4	1,843.45	3/4	1,547.27	3/4	1,250.98	3/4	954.87	3/4	664.46	3/4	367.96	3/4	71.76	3/4		3/4		3/4	
3	1,837.28	3	1,541.10	3	1,244.80	3	948.76	3	658.28	3	361.78	3	65.64	3		3		3	
1/4	1,831.12	1/4	1,534.93	1/4	1,238.63	1/4	942.71	1/4	652.10	1/4	355.61	1/4	59.58	1/4		1/4		1/4	
1/2	1,824.95	1/2	1,528.75	1/2	1,232.46	1/2	936.67	1/2	645.93	1/2	349.43	1/2	53.52	1/2		1/2		1/2	
3/4	1,818.79	3/4	1,522.58	3/4	1,226.29	3/4	930.62	3/4	639.75	3/4	343.25	3/4	47.46	3/4		3/4		3/4	
4	1,812.63	4	1,516.41	4	1,220.11	4	924.57	4	633.57	4	337.07	4	41.40	4		4		4	
1/4	1,806.45	1/4	1,510.23	1/4	1,213.94	1/4	918.53	1/4	627.40	1/4	330.90	1/4	36.25	1/4		1/4		1/4	
1/2	1,800.28	1/2	1,504.06	1/2	1,207.77	1/2	912.48	1/2	621.22	1/2	324.72	1/2	31.10	1/2		1/2		1/2	
3/4	1,794.11	3/4	1,497.89	3/4	1,201.59	3/4	906.43	3/4	615.04	3/4	318.54	3/4	25.95	3/4		3/4		3/4	
5	1,787.94	5	1,491.72	5	1,195.42	5	900.39	5	608.87	5	312.37	5	20.80	5		5		5	
1/4	1,781.76	1/4	1,485.54	1/4	1,189.25	1/4	894.36	1/4	602.69	1/4	306.19	1/4	17.71	1/4		1/4		1/4	
1/2	1,775.59	1/2	1,479.37	1/2	1,183.08	1/2	888.33	1/2	596.51	1/2	300.01	1/2	14.62	1/2		1/2		1/2	
3/4	1,769.42	3/4	1,473.20	3/4	1,176.90	3/4	882.30	3/4	590.34	3/4	293.83	3/4	11.52	3/4		3/4		3/4	
6	1,763.24	6	1,467.03	6	1,170.73	6	876.27	6	584.16	6	287.66	6	8.43	6		6		6	
1/4	1,757.07	1/4	1,460.85	1/4	1,164.56	1/4	870.25	1/4	577.98	1/4	281.48	1/4	7.40	1/4		1/4		1/4	
1/2	1,750.90	1/2	1,454.68	1/2	1,158.39	1/2	864.24	1/2	571.80	1/2	275.30	1/2	6.37	1/2		1/2		1/2	
3/4	1,744.73	3/4	1,448.51	3/4	1,152.21	3/4	858.22	3/4	565.63	3/4	269.13	3/4	5.34	3/4		3/4		3/4	
7	1,738.55	7	1,442.33	7	1,146.04	7	852.21	7	559.45	7	262.95	7	4.30	7		7		7	
1/4	1,732.38	1/4	1,436.16	1/4	1,139.87	1/4	846.20	1/4	553.27	1/4	256.77	1/4		1/4		1/4		1/4	
1/2	1,726.21	1/2	1,429.99	1/2	1,133.69	1/2	840.18	1/2	547.10	1/2	250.59	1/2		1/2		1/2		1/2	
3/4	1,720.04	3/4	1,423.82	3/4	1,127.52	3/4	834.17	3/4	540.92	3/4	244.42	3/4		3/4		3/4		3/4	
8	1,713.87	8	1,417.64	8	1,121.35	8	828.15	8	534.74	8	238.24	8		8		8		8	
1/4	1,707.70	1/4	1,411.47	1/4	1,115.18	1/4	822.14	1/4	528.56	1/4	232.06	1/4		1/4		1/4		1/4	
1/2	1,701.53	1/2	1,405.30	1/2	1,109.00	1/2	816.13	1/2	522.39	1/2	225.89	1/2		1/2		1/2		1/2	
3/4	1,695.36	3/4	1,399.12	3/4	1,102.83	3/4	810.11	3/4	516.21	3/4	219.71	3/4		3/4		3/4		3/4	
9	1,689.19	9	1,392.95	9	1,096.66	9	804.10	9	510.03	9	213.53	9		9		9		9	
1/4	1,683.02	1/4	1,386.78	1/4	1,090.48	1/4	798.08	1/4	503.86	1/4	207.35	1/4		1/4		1/4		1/4	
1/2	1,676.85	1/2	1,380.61	1/2	1,084.31	1/2	792.07	1/2	497.68	1/2	201.18	1/2		1/2		1/2		1/2	
3/4	1,670.68	3/4	1,374.43	3/4	1,078.14	3/4	786.06	3/4	491.50	3/4	195.00	3/4		3/4		3/4		3/4	
10	1,664.51	10	1,368.26	10	1,071.97	10	780.04	10	485.32	10	188.82	10		10		10		10	
1/4	1,658.34	1/4	1,362.09	1/4	1,065.79	1/4	774.03	1/4	479.15	1/4	182.65	1/4		1/4		1/4		1/4	
1/2	1,652.18	1/2	1,355.91	1/2	1,059.62	1/2	768.01	1/2	472.97	1/2	176.47	1/2		1/2		1/2		1/2	
3/4	1,646.01	3/4	1,349.74	3/4	1,053.45	3/4	762.00	3/4	466.79	3/4	170.29	3/4		3/4		3/4		3/4	
11	1,639.84	11	1,343.57	11	1,047.27	11	755.99	11	460.62	11	164.12	11		11		11		11	
1/4	1,633.67	1/4	1,337.40	1/4	1,041.10	1/4	749.97	1/4	454.44	1/4	157.94	1/4		1/4		1/4		1/4	
1/2	1,627.50	1/2	1,331.22	1/2	1,034.93	1/2	743.96	1/2	448.26	1/2	151.75	1/2		1/2		1/2		1/2	
3/4	1,621.33	3/4	1,325.05	3/4	1,028.76	3/4	737.94	3/4	442.08	3/4	145.57	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2015 CL  
CALCULATED: 01/30/2015 CL  
PRINTED: 01/30/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2015

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



# BARGE "KIRBY 10124"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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		3,265.43	0	3,003.98	0	2,742.53	0	2,480.73	0	2,217.88	0	1,955.03	0	
1/4		1/4		1/4		1/4		3,259.98	1/4	2,998.53	1/4	2,737.08	1/4	2,475.25	1/4	2,212.40	1/4	1,949.55	1/4	
1/2		1/2		1/2		1/2		3,254.54	1/2	2,993.08	1/2	2,731.63	1/2	2,469.77	1/2	2,206.93	1/2	1,944.08	1/2	
3/4		3/4		3/4		3/4		3,249.09	3/4	2,987.64	3/4	2,726.19	3/4	2,464.30	3/4	2,201.45	3/4	1,938.60	3/4	
1		1		1		1	3,469.92	1	3,243.64	1	2,982.19	1	2,720.74	1	2,458.82	1	2,195.97	1	1,933.13	
1/4		1/4		1/4		1/4		3,469.00	1/4	3,238.20	1/4	2,976.74	1/4	2,715.29	1/4	2,453.35	1/4	2,190.50	1/4	1,927.65
1/2		1/2		1/2		1/2		3,468.09	1/2	3,232.75	1/2	2,971.30	1/2	2,709.85	1/2	2,447.87	1/2	2,185.02	1/2	1,922.17
3/4		3/4		3/4		3/4		3,467.18	3/4	3,227.30	3/4	2,965.85	3/4	2,704.40	3/4	2,442.39	3/4	2,179.55	3/4	1,916.70
2		2		2		2	3,466.26	2	3,221.85	2	2,960.40	2	2,698.95	2	2,436.92	2	2,174.07	2	1,911.22	
1/4		1/4		1/4		1/4		3,463.52	1/4	3,216.41	1/4	2,954.96	1/4	2,693.51	1/4	2,431.44	1/4	2,168.59	1/4	1,905.75
1/2		1/2		1/2		1/2		3,460.78	1/2	3,210.96	1/2	2,949.51	1/2	2,688.06	1/2	2,425.97	1/2	2,163.12	1/2	1,900.27
3/4		3/4		3/4		3/4		3,458.05	3/4	3,205.51	3/4	2,944.06	3/4	2,682.61	3/4	2,420.49	3/4	2,157.64	3/4	1,894.79
3		3		3		3	3,455.31	3	3,200.07	3	2,938.62	3	2,677.16	3	2,415.01	3	2,152.17	3	1,889.32	
1/4		1/4		1/4		1/4		3,450.87	1/4	3,194.62	1/4	2,933.17	1/4	2,671.72	1/4	2,409.54	1/4	2,146.69	1/4	1,883.84
1/2		1/2		1/2		1/2		3,446.43	1/2	3,189.17	1/2	2,927.72	1/2	2,666.27	1/2	2,404.06	1/2	2,141.21	1/2	1,878.37
3/4		3/4		3/4		3/4		3,442.00	3/4	3,183.73	3/4	2,922.27	3/4	2,660.82	3/4	2,398.59	3/4	2,135.74	3/4	1,872.89
4		4		4		4	3,437.56	4	3,178.28	4	2,916.83	4	2,655.38	4	2,393.11	4	2,130.26	4	1,867.41	
1/4		1/4		1/4		1/4		3,432.25	1/4	3,172.83	1/4	2,911.38	1/4	2,649.93	1/4	2,387.63	1/4	2,124.79	1/4	1,861.94
1/2		1/2		1/2		1/2		3,426.94	1/2	3,167.39	1/2	2,905.93	1/2	2,644.48	1/2	2,382.16	1/2	2,119.31	1/2	1,856.46
3/4		3/4		3/4		3/4		3,421.64	3/4	3,161.94	3/4	2,900.49	3/4	2,639.04	3/4	2,376.68	3/4	2,113.83	3/4	1,850.99
5		5		5		5	3,416.33	5	3,156.49	5	2,895.04	5	2,633.59	5	2,371.21	5	2,108.36	5	1,845.51	
1/4		1/4		1/4		1/4		3,410.99	1/4	3,151.04	1/4	2,889.59	1/4	2,628.14	1/4	2,365.73	1/4	2,102.88	1/4	1,840.03
1/2		1/2		1/2		1/2		3,405.65	1/2	3,145.60	1/2	2,884.15	1/2	2,622.70	1/2	2,360.25	1/2	2,097.41	1/2	1,834.56
3/4		3/4		3/4		3/4		3,400.31	3/4	3,140.15	3/4	2,878.70	3/4	2,617.25	3/4	2,354.78	3/4	2,091.93	3/4	1,829.08
6		6		6		6	3,394.97	6	3,134.70	6	2,873.25	6	2,611.80	6	2,349.30	6	2,086.45	6	1,823.61	
1/4		1/4		1/4		1/4		3,389.62	1/4	3,129.26	1/4	2,867.81	1/4	2,606.35	1/4	2,343.83	1/4	2,080.98	1/4	1,818.13
1/2		1/2		1/2		1/2		3,384.27	1/2	3,123.81	1/2	2,862.36	1/2	2,600.91	1/2	2,338.35	1/2	2,075.50	1/2	1,812.65
3/4		3/4		3/4		3/4		3,378.92	3/4	3,118.36	3/4	2,856.91	3/4	2,595.46	3/4	2,332.87	3/4	2,070.03	3/4	1,807.18
7		7		7		7	3,373.57	7	3,112.92	7	2,851.47	7	2,590.01	7	2,327.40	7	2,064.55	7	1,801.70	
1/4		1/4		1/4		1/4		3,368.22	1/4	3,107.47	1/4	2,846.02	1/4	2,584.57	1/4	2,321.92	1/4	2,059.07	1/4	1,796.23
1/2		1/2		1/2		1/2		3,362.87	1/2	3,102.02	1/2	2,840.57	1/2	2,579.12	1/2	2,316.45	1/2	2,053.60	1/2	1,790.75
3/4		3/4		3/4		3/4		3,357.53	3/4	3,096.58	3/4	2,835.12	3/4	2,573.67	3/4	2,310.97	3/4	2,048.12	3/4	1,785.27
8		8		8		8	3,352.18	8	3,091.13	8	2,829.68	8	2,568.23	8	2,305.49	8	2,042.65	8	1,779.80	
1/4		1/4		1/4		1/4		3,346.83	1/4	3,085.68	1/4	2,824.23	1/4	2,562.78	1/4	2,300.02	1/4	2,037.17	1/4	1,774.32
1/2		1/2		1/2		1/2		3,341.49	1/2	3,080.23	1/2	2,818.78	1/2	2,557.33	1/2	2,294.54	1/2	2,031.69	1/2	1,768.85
3/4		3/4		3/4		3/4		3,336.14	3/4	3,074.79	3/4	2,813.34	3/4	2,551.89	3/4	2,289.07	3/4	2,026.22	3/4	1,763.37
9		9		9		9	3,330.79	9	3,069.34	9	2,807.89	9	2,546.44	9	2,283.59	9	2,020.74	9	1,757.89	
1/4		1/4		1/4		1/4		3,325.35	1/4	3,063.89	1/4	2,802.44	1/4	2,540.96	1/4	2,278.11	1/4	2,015.27	1/4	1,752.42
1/2		1/2		1/2		1/2		3,319.90	1/2	3,058.45	1/2	2,797.00	1/2	2,535.49	1/2	2,272.64	1/2	2,009.79	1/2	1,746.94
3/4		3/4		3/4		3/4		3,314.45	3/4	3,053.00	3/4	2,791.55	3/4	2,530.01	3/4	2,267.16	3/4	2,004.31	3/4	1,741.47
10		10		10		10	3,309.00	10	3,047.55	10	2,786.10	10	2,524.53	10	2,261.69	10	1,998.84	10	1,735.99	
1/4		1/4		1/4		1/4		3,303.56	1/4	3,042.11	1/4	2,780.66	1/4	2,519.06	1/4	2,256.21	1/4	1,993.36	1/4	1,730.51
1/2		1/2		1/2		1/2		3,298.11	1/2	3,036.66	1/2	2,775.21	1/2	2,513.58	1/2	2,250.73	1/2	1,987.89	1/2	1,725.04
3/4		3/4		3/4		3/4		3,292.66	3/4	3,031.21	3/4	2,769.76	3/4	2,508.11	3/4	2,245.26	3/4	1,982.41	3/4	1,719.56
11		11		11		11	3,287.22	11	3,025.77	11	2,764.31	11	2,502.63	11	2,239.78	11	1,976.93	11	1,714.09	
1/4		1/4		1/4		1/4		3,281.77	1/4	3,020.32	1/4	2,758.87	1/4	2,497.15	1/4	2,234.31	1/4	1,971.46	1/4	1,708.61
1/2		1/2		1/2		1/2		3,276.32	1/2	3,014.87	1/2	2,753.42	1/2	2,491.68	1/2	2,228.83	1/2	1,965.98	1/2	1,703.13
3/4		3/4		3/4		3/4		3,270.88	3/4	3,009.43	3/4	2,747.97	3/4	2,486.20	3/4	2,223.35	3/4	1,960.51	3/4	1,697.66

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 10124"

## 2 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	1,692.18	0	1,429.33	0	1,166.33	0	904.84	0	646.07	0	383.24	0	120.27	0		0		0	
1/4	1,686.71	1/4	1,423.86	1/4	1,160.85	1/4	899.45	1/4	640.63	1/4	377.77	1/4	114.81	1/4		1/4		1/4	
1/2	1,681.23	1/2	1,418.38	1/2	1,155.37	1/2	894.05	1/2	635.19	1/2	372.29	1/2	109.35	1/2		1/2		1/2	
3/4	1,675.75	3/4	1,412.91	3/4	1,149.89	3/4	888.66	3/4	629.76	3/4	366.81	3/4	103.89	3/4		3/4		3/4	
1	1,670.28	1	1,407.43	1	1,144.41	1	883.26	1	624.32	1	361.33	1	98.42	1		1		1	
1/4	1,664.80	1/4	1,401.95	1/4	1,138.94	1/4	877.87	1/4	618.84	1/4	355.85	1/4	92.98	1/4		1/4		1/4	
1/2	1,659.33	1/2	1,396.47	1/2	1,133.46	1/2	872.47	1/2	613.37	1/2	350.37	1/2	87.53	1/2		1/2		1/2	
3/4	1,653.85	3/4	1,390.99	3/4	1,127.98	3/4	867.08	3/4	607.89	3/4	344.89	3/4	82.09	3/4		3/4		3/4	
2	1,648.37	2	1,385.51	2	1,122.50	2	861.68	2	602.41	2	339.41	2	76.65	2		2		2	
1/4	1,642.90	1/4	1,380.03	1/4	1,117.02	1/4	856.29	1/4	596.93	1/4	333.93	1/4	71.23	1/4		1/4		1/4	
1/2	1,637.42	1/2	1,374.55	1/2	1,111.54	1/2	850.89	1/2	591.45	1/2	328.45	1/2	65.81	1/2		1/2		1/2	
3/4	1,631.95	3/4	1,369.07	3/4	1,106.06	3/4	845.50	3/4	585.97	3/4	322.97	3/4	60.40	3/4		3/4		3/4	
3	1,626.47	3	1,363.59	3	1,100.58	3	840.10	3	580.49	3	317.50	3	54.98	3		3		3	
1/4	1,620.99	1/4	1,358.12	1/4	1,095.10	1/4	834.71	1/4	575.01	1/4	312.02	1/4	49.62	1/4		1/4		1/4	
1/2	1,615.52	1/2	1,352.64	1/2	1,089.62	1/2	829.31	1/2	569.53	1/2	306.54	1/2	44.25	1/2		1/2		1/2	
3/4	1,610.04	3/4	1,347.16	3/4	1,084.14	3/4	823.92	3/4	564.05	3/4	301.06	3/4	38.88	3/4		3/4		3/4	
4	1,604.57	4	1,341.68	4	1,078.66	4	818.53	4	558.58	4	295.58	4	33.52	4		4		4	
1/4	1,599.09	1/4	1,336.20	1/4	1,073.18	1/4	813.14	1/4	553.10	1/4	290.10	1/4	28.96	1/4		1/4		1/4	
1/2	1,593.61	1/2	1,330.72	1/2	1,067.70	1/2	807.75	1/2	547.62	1/2	284.62	1/2	24.40	1/2		1/2		1/2	
3/4	1,588.14	3/4	1,325.24	3/4	1,062.22	3/4	802.36	3/4	542.14	3/4	279.14	3/4	19.84	3/4		3/4		3/4	
5	1,582.66	5	1,319.76	5	1,056.74	5	796.97	5	536.66	5	273.66	5	15.29	5		5		5	
1/4	1,577.19	1/4	1,314.28	1/4	1,051.26	1/4	791.58	1/4	531.18	1/4	268.18	1/4	12.55	1/4		1/4		1/4	
1/2	1,571.71	1/2	1,308.80	1/2	1,045.78	1/2	786.19	1/2	525.70	1/2	262.70	1/2	9.81	1/2		1/2		1/2	
3/4	1,566.23	3/4	1,303.32	3/4	1,040.30	3/4	780.80	3/4	520.22	3/4	257.23	3/4	7.07	3/4		3/4		3/4	
6	1,560.76	6	1,297.84	6	1,034.82	6	775.41	6	514.74	6	251.75	6	4.33	6		6		6	
1/4	1,555.28	1/4	1,292.36	1/4	1,029.35	1/4	770.02	1/4	509.26	1/4	246.27	1/4	3.42	1/4		1/4		1/4	
1/2	1,549.81	1/2	1,286.88	1/2	1,023.87	1/2	764.63	1/2	503.78	1/2	240.79	1/2	2.50	1/2		1/2		1/2	
3/4	1,544.33	3/4	1,281.40	3/4	1,018.39	3/4	759.24	3/4	498.31	3/4	235.31	3/4	1.59	3/4		3/4		3/4	
7	1,538.85	7	1,275.92	7	1,012.91	7	753.85	7	492.83	7	229.83	7	0.68	7		7		7	
1/4	1,533.38	1/4	1,270.44	1/4	1,007.47	1/4	748.46	1/4	487.35	1/4	224.35	1/4		1/4		1/4		1/4	
1/2	1,527.90	1/2	1,264.96	1/2	1,002.03	1/2	743.07	1/2	481.87	1/2	218.87	1/2		1/2		1/2		1/2	
3/4	1,522.43	3/4	1,259.48	3/4	996.59	3/4	737.68	3/4	476.39	3/4	213.39	3/4		3/4		3/4		3/4	
8	1,516.95	8	1,254.00	8	991.16	8	732.29	8	470.91	8	207.91	8		8		8		8	
1/4	1,511.47	1/4	1,248.53	1/4	985.76	1/4	726.90	1/4	465.43	1/4	202.43	1/4		1/4		1/4		1/4	
1/2	1,506.00	1/2	1,243.05	1/2	980.37	1/2	721.51	1/2	459.95	1/2	196.96	1/2		1/2		1/2		1/2	
3/4	1,500.52	3/4	1,237.57	3/4	974.97	3/4	716.12	3/4	454.47	3/4	191.48	3/4		3/4		3/4		3/4	
9	1,495.05	9	1,232.09	9	969.58	9	710.74	9	448.99	9	186.00	9		9		9		9	
1/4	1,489.57	1/4	1,226.61	1/4	964.18	1/4	705.35	1/4	443.51	1/4	180.52	1/4		1/4		1/4		1/4	
1/2	1,484.09	1/2	1,221.13	1/2	958.79	1/2	699.96	1/2	438.04	1/2	175.04	1/2		1/2		1/2		1/2	
3/4	1,478.62	3/4	1,215.65	3/4	953.39	3/4	694.57	3/4	432.56	3/4	169.56	3/4		3/4		3/4		3/4	
10	1,473.14	10	1,210.17	10	948.00	10	689.18	10	427.08	10	164.08	10		10		10		10	
1/4	1,467.67	1/4	1,204.69	1/4	942.60	1/4	683.79	1/4	421.60	1/4	158.60	1/4		1/4		1/4		1/4	
1/2	1,462.19	1/2	1,199.21	1/2	937.21	1/2	678.40	1/2	416.12	1/2	153.12	1/2		1/2		1/2		1/2	
3/4	1,456.71	3/4	1,193.73	3/4	931.81	3/4	673.01	3/4	410.64	3/4	147.65	3/4		3/4		3/4		3/4	
11	1,451.24	11	1,188.25	11	926.42	11	667.62	11	405.16	11	142.17	11		11		11		11	
1/4	1,445.76	1/4	1,182.77	1/4	921.02	1/4	662.23	1/4	399.68	1/4	136.69	1/4		1/4		1/4		1/4	
1/2	1,440.29	1/2	1,177.29	1/2	915.63	1/2	656.84	1/2	394.20	1/2	131.22	1/2		1/2		1/2		1/2	
3/4	1,434.81	3/4	1,171.81	3/4	910.24	3/4	651.45	3/4	388.72	3/4	125.75	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2015 CL  
CALCULATED: 01/30/2015 CL  
PRINTED: 01/30/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2015

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



# BARGE "KIRBY 10124"

# 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

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	3,236.95	0	2,977.70	0	2,718.45	0	2,458.82	0	2,198.17	0	1,937.52
1/4		1/4		1/4		1/4		1/4	3,231.55	1/4	2,972.30	1/4	2,713.05	1/4	2,453.38	1/4	2,192.74	1/4	1,932.09
1/2		1/2		1/2		1/2		1/2	3,226.15	1/2	2,966.90	1/2	2,707.64	1/2	2,447.95	1/2	2,187.31	1/2	1,926.66
3/4		3/4		3/4		3/4	3,445.12	3/4	3,220.75	3/4	2,961.50	3/4	2,702.24	3/4	2,442.52	3/4	2,181.87	3/4	1,921.23
1		1		1		1	3,444.22	1	3,215.35	1	2,956.09	1	2,696.84	1	2,437.09	1	2,176.44	1	1,915.80
1/4		1/4		1/4		1/4	3,443.31	1/4	3,209.95	1/4	2,950.69	1/4	2,691.44	1/4	2,431.66	1/4	2,171.01	1/4	1,910.36
1/2		1/2		1/2		1/2	3,442.41	1/2	3,204.55	1/2	2,945.29	1/2	2,686.04	1/2	2,426.23	1/2	2,165.58	1/2	1,904.93
3/4		3/4		3/4		3/4	3,441.50	3/4	3,199.14	3/4	2,939.89	3/4	2,680.64	3/4	2,420.80	3/4	2,160.15	3/4	1,899.50
2		2		2		2	3,438.78	2	3,193.74	2	2,934.49	2	2,675.24	2	2,415.37	2	2,154.72	2	1,894.07
1/4		1/4		1/4		1/4	3,436.07	1/4	3,188.34	1/4	2,929.09	1/4	2,669.84	1/4	2,409.94	1/4	2,149.29	1/4	1,888.64
1/2		1/2		1/2		1/2	3,433.35	1/2	3,182.94	1/2	2,923.69	1/2	2,664.44	1/2	2,404.51	1/2	2,143.86	1/2	1,883.21
3/4		3/4		3/4		3/4	3,430.63	3/4	3,177.54	3/4	2,918.29	3/4	2,659.03	3/4	2,399.08	3/4	2,138.43	3/4	1,877.78
3		3		3		3	3,426.23	3	3,172.14	3	2,912.89	3	2,653.63	3	2,393.65	3	2,133.00	3	1,872.35
1/4		1/4		1/4		1/4	3,421.84	1/4	3,166.74	1/4	2,907.48	1/4	2,648.23	1/4	2,388.22	1/4	2,127.57	1/4	1,866.92
1/2		1/2		1/2		1/2	3,417.44	1/2	3,161.34	1/2	2,902.08	1/2	2,642.83	1/2	2,382.79	1/2	2,122.14	1/2	1,861.49
3/4		3/4		3/4		3/4	3,413.04	3/4	3,155.94	3/4	2,896.68	3/4	2,637.43	3/4	2,377.36	3/4	2,116.71	3/4	1,856.06
4		4		4		4	3,407.78	4	3,150.53	4	2,891.28	4	2,632.03	4	2,371.93	4	2,111.28	4	1,850.63
1/4		1/4		1/4		1/4	3,402.51	1/4	3,145.13	1/4	2,885.88	1/4	2,626.63	1/4	2,366.50	1/4	2,105.85	1/4	1,845.20
1/2		1/2		1/2		1/2	3,397.25	1/2	3,139.73	1/2	2,880.48	1/2	2,621.23	1/2	2,361.07	1/2	2,100.42	1/2	1,839.77
3/4		3/4		3/4		3/4	3,391.99	3/4	3,134.33	3/4	2,875.08	3/4	2,615.83	3/4	2,355.64	3/4	2,094.99	3/4	1,834.34
5		5		5		5	3,386.70	5	3,128.93	5	2,869.68	5	2,610.42	5	2,350.21	5	2,089.56	5	1,828.91
1/4		1/4		1/4		1/4	3,381.40	1/4	3,123.53	1/4	2,864.28	1/4	2,605.02	1/4	2,344.78	1/4	2,084.13	1/4	1,823.48
1/2		1/2		1/2		1/2	3,376.11	1/2	3,118.13	1/2	2,858.87	1/2	2,599.62	1/2	2,339.35	1/2	2,078.70	1/2	1,818.05
3/4		3/4		3/4		3/4	3,370.81	3/4	3,112.73	3/4	2,853.47	3/4	2,594.22	3/4	2,333.92	3/4	2,073.27	3/4	1,812.62
6		6		6		6	3,365.51	6	3,107.33	6	2,848.07	6	2,588.82	6	2,328.49	6	2,067.84	6	1,807.19
1/4		1/4		1/4		1/4	3,360.20	1/4	3,101.92	1/4	2,842.67	1/4	2,583.42	1/4	2,323.06	1/4	2,062.41	1/4	1,801.76
1/2		1/2		1/2		1/2	3,354.89	1/2	3,096.52	1/2	2,837.27	1/2	2,578.02	1/2	2,317.63	1/2	2,056.98	1/2	1,796.33
3/4		3/4		3/4		3/4	3,349.58	3/4	3,091.12	3/4	2,831.87	3/4	2,572.62	3/4	2,312.20	3/4	2,051.55	3/4	1,790.90
7		7		7		7	3,344.28	7	3,085.72	7	2,826.47	7	2,567.22	7	2,306.77	7	2,046.12	7	1,785.47
1/4		1/4		1/4		1/4	3,338.98	1/4	3,080.32	1/4	2,821.07	1/4	2,561.81	1/4	2,301.34	1/4	2,040.69	1/4	1,780.04
1/2		1/2		1/2		1/2	3,333.68	1/2	3,074.92	1/2	2,815.67	1/2	2,556.41	1/2	2,295.91	1/2	2,035.26	1/2	1,774.61
3/4		3/4		3/4		3/4	3,328.37	3/4	3,069.52	3/4	2,810.26	3/4	2,551.01	3/4	2,290.48	3/4	2,029.83	3/4	1,769.18
8		8		8		8	3,323.07	8	3,064.12	8	2,804.86	8	2,545.61	8	2,285.05	8	2,024.40	8	1,763.75
1/4		1/4		1/4		1/4	3,317.77	1/4	3,058.72	1/4	2,799.46	1/4	2,540.21	1/4	2,279.62	1/4	2,018.97	1/4	1,758.32
1/2		1/2		1/2		1/2	3,312.47	1/2	3,053.31	1/2	2,794.06	1/2	2,534.81	1/2	2,274.19	1/2	2,013.54	1/2	1,752.89
3/4		3/4		3/4		3/4	3,307.17	3/4	3,047.91	3/4	2,788.66	3/4	2,529.41	3/4	2,268.76	3/4	2,008.11	3/4	1,747.46
9		9		9		9	3,301.77	9	3,042.51	9	2,783.26	9	2,523.98	9	2,263.33	9	2,002.68	9	1,742.03
1/4		1/4		1/4		1/4	3,296.36	1/4	3,037.11	1/4	2,777.86	1/4	2,518.55	1/4	2,257.90	1/4	1,997.25	1/4	1,736.60
1/2		1/2		1/2		1/2	3,290.96	1/2	3,031.71	1/2	2,772.46	1/2	2,513.12	1/2	2,252.47	1/2	1,991.82	1/2	1,731.17
3/4		3/4		3/4		3/4	3,285.56	3/4	3,026.31	3/4	2,767.06	3/4	2,507.69	3/4	2,247.04	3/4	1,986.39	3/4	1,725.74
10		10		10		10	3,280.16	10	3,020.91	10	2,761.66	10	2,502.26	10	2,241.61	10	1,980.96	10	1,720.31
1/4		1/4		1/4		1/4	3,274.76	1/4	3,015.51	1/4	2,756.25	1/4	2,496.83	1/4	2,236.18	1/4	1,975.53	1/4	1,714.88
1/2		1/2		1/2		1/2	3,269.36	1/2	3,010.11	1/2	2,750.85	1/2	2,491.40	1/2	2,230.75	1/2	1,970.10	1/2	1,709.45
3/4		3/4		3/4		3/4	3,263.96	3/4	3,004.70	3/4	2,745.45	3/4	2,485.97	3/4	2,225.32	3/4	1,964.67	3/4	1,704.02
11		11		11		11	3,258.56	11	2,999.30	11	2,740.05	11	2,480.54	11	2,219.89	11	1,959.24	11	1,698.59
1/4		1/4		1/4		1/4	3,253.16	1/4	2,993.90	1/4	2,734.65	1/4	2,475.11	1/4	2,214.46	1/4	1,953.81	1/4	1,693.16
1/2		1/2		1/2		1/2	3,247.75	1/2	2,988.50	1/2	2,729.25	1/2	2,469.68	1/2	2,209.03	1/2	1,948.38	1/2	1,687.73
3/4		3/4		3/4		3/4	3,242.35	3/4	2,983.10	3/4	2,723.85	3/4	2,464.25	3/4	2,203.60	3/4	1,942.95	3/4	1,682.30

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 10124"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,676.87	0	1,416.22	0	1,155.41	0	895.35	0	635.40	0	374.61	0	113.86	0		0		0	
1/4	1,671.44	1/4	1,410.79	1/4	1,149.98	1/4	889.96	1/4	629.97	1/4	369.18	1/4	108.44	1/4		1/4		1/4	
1/2	1,666.01	1/2	1,405.36	1/2	1,144.54	1/2	884.56	1/2	624.54	1/2	363.75	1/2	103.02	1/2		1/2		1/2	
3/4	1,660.58	3/4	1,399.93	3/4	1,139.11	3/4	879.16	3/4	619.11	3/4	358.31	3/4	97.60	3/4		3/4		3/4	
1	1,655.15	1	1,394.49	1	1,133.67	1	873.76	1	613.67	1	352.88	1	92.21	1		1		1	
1/4	1,649.72	1/4	1,389.06	1/4	1,128.24	1/4	868.37	1/4	608.24	1/4	347.45	1/4	86.81	1/4		1/4		1/4	
1/2	1,644.29	1/2	1,383.63	1/2	1,122.81	1/2	862.97	1/2	602.81	1/2	342.01	1/2	81.41	1/2		1/2		1/2	
3/4	1,638.85	3/4	1,378.19	3/4	1,117.37	3/4	857.57	3/4	597.38	3/4	336.58	3/4	76.01	3/4		3/4		3/4	
2	1,633.42	2	1,372.76	2	1,111.94	2	852.18	2	591.94	2	331.15	2	70.64	2		2		2	
1/4	1,627.99	1/4	1,367.32	1/4	1,106.51	1/4	846.78	1/4	586.51	1/4	325.71	1/4	65.27	1/4		1/4		1/4	
1/2	1,622.56	1/2	1,361.89	1/2	1,101.07	1/2	841.38	1/2	581.08	1/2	320.28	1/2	59.90	1/2		1/2		1/2	
3/4	1,617.13	3/4	1,356.46	3/4	1,095.64	3/4	835.98	3/4	575.64	3/4	314.85	3/4	54.53	3/4		3/4		3/4	
3	1,611.70	3	1,351.02	3	1,090.21	3	830.59	3	570.21	3	309.41	3	49.21	3		3		3	
1/4	1,606.27	1/4	1,345.59	1/4	1,084.77	1/4	825.19	1/4	564.78	1/4	303.98	1/4	43.88	1/4		1/4		1/4	
1/2	1,600.84	1/2	1,340.16	1/2	1,079.34	1/2	819.79	1/2	559.34	1/2	298.55	1/2	38.56	1/2		1/2		1/2	
3/4	1,595.41	3/4	1,334.72	3/4	1,073.90	3/4	814.39	3/4	553.91	3/4	293.11	3/4	33.24	3/4		3/4		3/4	
4	1,589.98	4	1,329.29	4	1,068.47	4	809.00	4	548.48	4	287.68	4	28.72	4		4		4	
1/4	1,584.55	1/4	1,323.85	1/4	1,063.04	1/4	803.61	1/4	543.04	1/4	282.25	1/4	24.20	1/4		1/4		1/4	
1/2	1,579.12	1/2	1,318.42	1/2	1,057.60	1/2	798.22	1/2	537.61	1/2	276.81	1/2	19.68	1/2		1/2		1/2	
3/4	1,573.69	3/4	1,312.99	3/4	1,052.17	3/4	792.82	3/4	532.18	3/4	271.38	3/4	15.16	3/4		3/4		3/4	
5	1,568.26	5	1,307.55	5	1,046.74	5	787.40	5	526.74	5	265.95	5	12.45	5		5		5	
1/4	1,562.83	1/4	1,302.12	1/4	1,041.30	1/4	781.97	1/4	521.31	1/4	260.51	1/4	9.73	1/4		1/4		1/4	
1/2	1,557.40	1/2	1,296.69	1/2	1,035.87	1/2	776.54	1/2	515.88	1/2	255.08	1/2	7.01	1/2		1/2		1/2	
3/4	1,551.97	3/4	1,291.25	3/4	1,030.43	3/4	771.11	3/4	510.44	3/4	249.65	3/4	4.30	3/4		3/4		3/4	
6	1,546.54	6	1,285.82	6	1,025.00	6	765.68	6	505.01	6	244.21	6	3.39	6		6		6	
1/4	1,541.11	1/4	1,280.38	1/4	1,019.57	1/4	760.25	1/4	499.58	1/4	238.78	1/4	2.49	1/4		1/4		1/4	
1/2	1,535.68	1/2	1,274.95	1/2	1,014.13	1/2	754.83	1/2	494.15	1/2	233.35	1/2	1.58	1/2		1/2		1/2	
3/4	1,530.25	3/4	1,269.52	3/4	1,008.70	3/4	749.40	3/4	488.71	3/4	227.91	3/4	0.68	3/4		3/4		3/4	
7	1,524.82	7	1,264.08	7	1,003.30	7	743.97	7	483.28	7	222.48	7		7		7		7	
1/4	1,519.39	1/4	1,258.65	1/4	997.90	1/4	738.54	1/4	477.85	1/4	217.05	1/4		1/4		1/4		1/4	
1/2	1,513.96	1/2	1,253.22	1/2	992.51	1/2	733.11	1/2	472.41	1/2	211.61	1/2		1/2		1/2		1/2	
3/4	1,508.53	3/4	1,247.78	3/4	987.11	3/4	727.68	3/4	466.98	3/4	206.18	3/4		3/4		3/4		3/4	
8	1,503.10	8	1,242.35	8	981.71	8	722.26	8	461.55	8	200.75	8		8		8		8	
1/4	1,497.67	1/4	1,236.92	1/4	976.32	1/4	716.83	1/4	456.11	1/4	195.31	1/4		1/4		1/4		1/4	
1/2	1,492.24	1/2	1,231.48	1/2	970.92	1/2	711.40	1/2	450.68	1/2	189.88	1/2		1/2		1/2		1/2	
3/4	1,486.81	3/4	1,226.05	3/4	965.52	3/4	705.97	3/4	445.25	3/4	184.45	3/4		3/4		3/4		3/4	
9	1,481.38	9	1,220.61	9	960.12	9	700.54	9	439.81	9	179.01	9		9		9		9	
1/4	1,475.95	1/4	1,215.18	1/4	954.73	1/4	695.12	1/4	434.38	1/4	173.58	1/4		1/4		1/4		1/4	
1/2	1,470.52	1/2	1,209.75	1/2	949.33	1/2	689.69	1/2	428.95	1/2	168.15	1/2		1/2		1/2		1/2	
3/4	1,465.09	3/4	1,204.31	3/4	943.93	3/4	684.26	3/4	423.51	3/4	162.71	3/4		3/4		3/4		3/4	
10	1,459.66	10	1,198.88	10	938.53	10	678.83	10	418.08	10	157.28	10		10		10		10	
1/4	1,454.23	1/4	1,193.45	1/4	933.14	1/4	673.40	1/4	412.65	1/4	151.85	1/4		1/4		1/4		1/4	
1/2	1,448.80	1/2	1,188.01	1/2	927.74	1/2	667.97	1/2	407.21	1/2	146.42	1/2		1/2		1/2		1/2	
3/4	1,443.37	3/4	1,182.58	3/4	922.34	3/4	662.55	3/4	401.78	3/4	140.98	3/4		3/4		3/4		3/4	
11	1,437.94	11	1,177.14	11	916.94	11	657.12	11	396.35	11	135.56	11		11		11		11	
1/4	1,432.51	1/4	1,171.71	1/4	911.55	1/4	651.69	1/4	390.91	1/4	130.13	1/4		1/4		1/4		1/4	
1/2	1,427.08	1/2	1,166.28	1/2	906.15	1/2	646.26	1/2	385.48	1/2	124.70	1/2		1/2		1/2		1/2	
3/4	1,421.65	3/4	1,160.84	3/4	900.75	3/4	640.84	3/4	380.05	3/4	119.27	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2015 CL  
CALCULATED: 01/30/2015 CL  
PRINTED: 01/30/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2015

PRECISION MEASUREMENT  
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