



BARGE "KIRBY 10114"

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

April 11, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10114"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	3,768.57	0	3,547.50	0	3,294.31	0	3,041.13	0	2,780.50	0	2,484.55	0	2,187.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,767.54	1/4	3,542.22	1/4	3,289.04	1/4	3,035.86	1/4	2,774.34	1/4	2,478.37	1/4	2,181.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,766.50	1/2	3,536.95	1/2	3,283.77	1/2	3,030.58	1/2	2,768.18	1/2	2,472.19	1/2	2,175.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,765.47	3/4	3,531.67	3/4	3,278.49	3/4	3,025.31	3/4	2,762.02	3/4	2,466.01	3/4	2,169.39
1		1		1		1	3,764.44	1	3,526.40	1	3,273.22	1	3,020.04	1	2,755.85	1	2,459.83	1	2,163.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,761.33	1/4	3,521.12	1/4	3,267.94	1/4	3,014.76	1/4	2,749.69	1/4	2,453.65	1/4	2,157.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,758.23	1/2	3,515.85	1/2	3,262.67	1/2	3,009.49	1/2	2,743.53	1/2	2,447.47	1/2	2,150.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,755.13	3/4	3,510.57	3/4	3,257.39	3/4	3,004.21	3/4	2,737.37	3/4	2,441.29	3/4	2,144.67
2		2		2		2	3,752.03	2	3,505.30	2	3,252.12	2	2,998.94	2	2,731.21	2	2,435.11	2	2,138.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,747.87	1/4	3,500.02	1/4	3,246.84	1/4	2,993.66	1/4	2,725.05	1/4	2,428.93	1/4	2,132.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,743.72	1/2	3,494.75	1/2	3,241.57	1/2	2,988.39	1/2	2,718.89	1/2	2,422.75	1/2	2,126.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,739.56	3/4	3,489.47	3/4	3,236.29	3/4	2,983.11	3/4	2,712.73	3/4	2,416.57	3/4	2,119.95
3		3		3		3	3,735.41	3	3,484.20	3	3,231.02	3	2,977.84	3	2,706.57	3	2,410.39	3	2,113.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,730.27	1/4	3,478.93	1/4	3,225.74	1/4	2,972.56	1/4	2,700.41	1/4	2,404.21	1/4	2,107.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,725.13	1/2	3,473.65	1/2	3,220.47	1/2	2,967.29	1/2	2,694.24	1/2	2,398.03	1/2	2,101.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,719.99	3/4	3,468.38	3/4	3,215.20	3/4	2,962.01	3/4	2,688.08	3/4	2,391.85	3/4	2,095.23
4		4		4		4	3,714.85	4	3,463.10	4	3,209.92	4	2,956.74	4	2,681.92	4	2,385.67	4	2,089.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,709.67	1/4	3,457.83	1/4	3,204.65	1/4	2,951.47	1/4	2,675.76	1/4	2,379.49	1/4	2,082.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,704.50	1/2	3,452.55	1/2	3,199.37	1/2	2,946.19	1/2	2,669.60	1/2	2,373.31	1/2	2,076.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,699.32	3/4	3,447.28	3/4	3,194.10	3/4	2,940.92	3/4	2,663.44	3/4	2,367.13	3/4	2,070.51
5		5		5		5	3,694.15	5	3,442.00	5	3,188.82	5	2,935.64	5	2,657.28	5	2,360.96	5	2,064.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,688.96	1/4	3,436.73	1/4	3,183.55	1/4	2,930.37	1/4	2,651.12	1/4	2,354.78	1/4	2,058.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,683.77	1/2	3,431.45	1/2	3,178.27	1/2	2,925.09	1/2	2,644.96	1/2	2,348.60	1/2	2,051.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,678.58	3/4	3,426.18	3/4	3,173.00	3/4	2,919.82	3/4	2,638.80	3/4	2,342.42	3/4	2,045.80
6		6		6		6	3,673.39	6	3,420.90	6	3,167.72	6	2,914.54	6	2,632.63	6	2,336.24	6	2,039.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,668.20	1/4	3,415.63	1/4	3,162.45	1/4	2,909.27	1/4	2,626.47	1/4	2,330.06	1/4	2,033.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,663.01	1/2	3,410.36	1/2	3,157.17	1/2	2,903.99	1/2	2,620.31	1/2	2,323.88	1/2	2,027.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,657.83	3/4	3,405.08	3/4	3,151.90	3/4	2,898.72	3/4	2,614.15	3/4	2,317.70	3/4	2,021.08
7		7		7		7	3,652.64	7	3,399.81	7	3,146.63	7	2,893.44	7	2,607.99	7	2,311.52	7	2,014.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,647.45	1/4	3,394.53	1/4	3,141.35	1/4	2,888.17	1/4	2,601.83	1/4	2,305.34	1/4	2,008.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,642.26	1/2	3,389.26	1/2	3,136.08	1/2	2,882.90	1/2	2,595.67	1/2	2,299.16	1/2	2,002.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,637.08	3/4	3,383.98	3/4	3,130.80	3/4	2,877.62	3/4	2,589.51	3/4	2,292.98	3/4	1,996.36
8		8		8		8	3,631.89	8	3,378.71	8	3,125.53	8	2,872.35	8	2,583.35	8	2,286.80	8	1,990.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,626.61	1/4	3,373.43	1/4	3,120.25	1/4	2,867.05	1/4	2,577.19	1/4	2,280.62	1/4	1,984.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,621.34	1/2	3,368.16	1/2	3,114.98	1/2	2,861.75	1/2	2,571.02	1/2	2,274.44	1/2	1,977.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,616.06	3/4	3,362.88	3/4	3,109.70	3/4	2,856.45	3/4	2,564.86	3/4	2,268.26	3/4	1,971.64
9		9		9		9	3,610.79	9	3,357.61	9	3,104.43	9	2,851.15	9	2,558.70	9	2,262.08	9	1,965.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,605.52	1/4	3,352.33	1/4	3,099.15	1/4	2,845.85	1/4	2,552.52	1/4	2,255.90	1/4	1,959.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,600.24	1/2	3,347.06	1/2	3,093.88	1/2	2,840.55	1/2	2,546.34	1/2	2,249.72	1/2	1,953.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,594.97	3/4	3,341.79	3/4	3,088.60	3/4	2,835.25	3/4	2,540.16	3/4	2,243.54	3/4	1,946.92
10		10		10		10	3,589.69	10	3,336.51	10	3,083.33	10	2,829.95	10	2,533.98	10	2,237.36	10	1,940.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,584.42	1/4	3,331.24	1/4	3,078.06	1/4	2,823.75	1/4	2,527.80	1/4	2,231.18	1/4	1,934.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,579.14	1/2	3,325.96	1/2	3,072.78	1/2	2,817.55	1/2	2,521.62	1/2	2,225.00	1/2	1,928.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,573.87	3/4	3,320.69	3/4	3,067.51	3/4	2,811.34	3/4	2,515.45	3/4	2,218.82	3/4	1,922.20
11		11		11		11	3,568.59	11	3,315.41	11	3,062.23	11	2,805.14	11	2,509.27	11	2,212.64	11	1,916.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,563.32	1/4	3,310.14	1/4	3,056.96	1/4	2,798.98	1/4	2,503.09	1/4	2,206.47	1/4	1,909.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,558.04	1/2	3,304.86	1/2	3,051.68	1/2	2,792.82	1/2	2,496.91	1/2	2,200.29	1/2	1,903.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,552.77	3/4	3,299.59	3/4	3,046.41	3/4	2,786.66	3/4	2,490.73	3/4	2,194.11	3/4	1,897.49

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
<http://www.pmacorp.net>



BARGE "KIRBY 10114"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	1,891.31	0	1,594.45	0	1,297.42	0	1,000.38	0	709.39	0	412.23	0	115.00	0		0			
1/4	1,885.13	1/4	1,588.26	1/4	1,291.23	1/4	994.20	1/4	703.21	1/4	406.03	1/4	108.83	1/4		1/4		1/4	
1/2	1,878.95	1/2	1,582.07	1/2	1,285.04	1/2	988.01	1/2	697.04	1/2	399.84	1/2	102.67	1/2		1/2		1/2	
3/4	1,872.77	3/4	1,575.89	3/4	1,278.85	3/4	981.82	3/4	690.86	3/4	393.65	3/4	96.50	3/4		3/4		3/4	
1	1,866.59	1	1,569.70	1	1,272.66	1	975.63	1	684.69	1	387.46	1	90.34	1		1		1	
1/4	1,860.41	1/4	1,563.51	1/4	1,266.48	1/4	969.51	1/4	678.50	1/4	381.26	1/4	84.20	1/4		1/4		1/4	
1/2	1,854.23	1/2	1,557.32	1/2	1,260.29	1/2	963.38	1/2	672.31	1/2	375.07	1/2	78.07	1/2		1/2		1/2	
3/4	1,848.05	3/4	1,551.13	3/4	1,254.10	3/4	957.25	3/4	666.11	3/4	368.88	3/4	71.94	3/4		3/4		3/4	
2	1,841.87	2	1,544.95	2	1,247.91	2	951.13	2	659.92	2	362.69	2	65.81	2		2		2	
1/4	1,835.69	1/4	1,538.76	1/4	1,241.72	1/4	945.07	1/4	653.73	1/4	356.49	1/4	59.73	1/4		1/4		1/4	
1/2	1,829.51	1/2	1,532.57	1/2	1,235.54	1/2	939.00	1/2	647.54	1/2	350.30	1/2	53.65	1/2		1/2		1/2	
3/4	1,823.33	3/4	1,526.38	3/4	1,229.35	3/4	932.94	3/4	641.35	3/4	344.11	3/4	47.58	3/4		3/4		3/4	
3	1,817.15	3	1,520.19	3	1,223.16	3	926.88	3	635.16	3	337.92	3	41.50	3		3		3	
1/4	1,810.96	1/4	1,514.00	1/4	1,216.97	1/4	920.82	1/4	628.96	1/4	331.72	1/4	36.34	1/4		1/4		1/4	
1/2	1,804.77	1/2	1,507.82	1/2	1,210.78	1/2	914.76	1/2	622.77	1/2	325.53	1/2	31.18	1/2		1/2		1/2	
3/4	1,798.59	3/4	1,501.63	3/4	1,204.59	3/4	908.70	3/4	616.58	3/4	319.34	3/4	26.02	3/4		3/4		3/4	
4	1,792.40	4	1,495.44	4	1,198.41	4	902.64	4	610.39	4	313.15	4	20.86	4		4		4	
1/4	1,786.21	1/4	1,489.25	1/4	1,192.22	1/4	896.59	1/4	604.19	1/4	306.95	1/4	17.75	1/4		1/4		1/4	
1/2	1,780.02	1/2	1,483.06	1/2	1,186.03	1/2	890.54	1/2	598.00	1/2	300.76	1/2	14.65	1/2		1/2		1/2	
3/4	1,773.83	3/4	1,476.87	3/4	1,179.84	3/4	884.50	3/4	591.81	3/4	294.57	3/4	11.55	3/4		3/4		3/4	
5	1,767.65	5	1,470.69	5	1,173.65	5	878.45	5	585.62	5	288.38	5	8.45	5		5		5	
1/4	1,761.46	1/4	1,464.50	1/4	1,167.46	1/4	872.42	1/4	579.42	1/4	282.18	1/4	7.42	1/4		1/4		1/4	
1/2	1,755.27	1/2	1,458.31	1/2	1,161.28	1/2	866.39	1/2	573.23	1/2	275.99	1/2	6.38	1/2		1/2		1/2	
3/4	1,749.08	3/4	1,452.12	3/4	1,155.09	3/4	860.37	3/4	567.04	3/4	269.80	3/4	5.35	3/4		3/4		3/4	
6	1,742.89	6	1,445.93	6	1,148.90	6	854.34	6	560.85	6	263.61	6	4.32	6		6		6	
1/4	1,736.71	1/4	1,439.75	1/4	1,142.71	1/4	848.31	1/4	554.65	1/4	257.41	1/4		1/4		1/4		1/4	
1/2	1,730.52	1/2	1,433.56	1/2	1,136.52	1/2	842.28	1/2	548.46	1/2	251.22	1/2		1/2		1/2		1/2	
3/4	1,724.34	3/4	1,427.37	3/4	1,130.34	3/4	836.25	3/4	542.27	3/4	245.03	3/4		3/4		3/4		3/4	
7	1,718.15	7	1,421.18	7	1,124.15	7	830.22	7	536.08	7	238.84	7		7		7		7	
1/4	1,711.96	1/4	1,414.99	1/4	1,117.96	1/4	824.19	1/4	529.88	1/4	232.64	1/4		1/4		1/4		1/4	
1/2	1,705.78	1/2	1,408.80	1/2	1,111.77	1/2	818.16	1/2	523.69	1/2	226.45	1/2		1/2		1/2		1/2	
3/4	1,699.59	3/4	1,402.62	3/4	1,105.58	3/4	812.13	3/4	517.50	3/4	220.26	3/4		3/4		3/4		3/4	
8	1,693.41	8	1,396.43	8	1,099.39	8	806.10	8	511.31	8	214.07	8		8		8		8	
1/4	1,687.22	1/4	1,390.24	1/4	1,093.21	1/4	800.08	1/4	505.11	1/4	207.87	1/4		1/4		1/4		1/4	
1/2	1,681.04	1/2	1,384.05	1/2	1,087.02	1/2	794.05	1/2	498.92	1/2	201.68	1/2		1/2		1/2		1/2	
3/4	1,674.85	3/4	1,377.86	3/4	1,080.83	3/4	788.02	3/4	492.73	3/4	195.49	3/4		3/4		3/4		3/4	
9	1,668.67	9	1,371.68	9	1,074.64	9	781.99	9	486.54	9	189.30	9		9		9		9	
1/4	1,662.48	1/4	1,365.49	1/4	1,068.45	1/4	775.96	1/4	480.34	1/4	183.10	1/4		1/4		1/4		1/4	
1/2	1,656.30	1/2	1,359.30	1/2	1,062.27	1/2	769.93	1/2	474.15	1/2	176.91	1/2		1/2		1/2		1/2	
3/4	1,650.11	3/4	1,353.11	3/4	1,056.08	3/4	763.90	3/4	467.96	3/4	170.72	3/4		3/4		3/4		3/4	
10	1,643.93	10	1,346.92	10	1,049.89	10	757.87	10	461.77	10	164.53	10		10		10		10	
1/4	1,637.74	1/4	1,340.73	1/4	1,043.70	1/4	751.84	1/4	455.57	1/4	158.33	1/4		1/4		1/4		1/4	
1/2	1,631.56	1/2	1,334.55	1/2	1,037.51	1/2	745.81	1/2	449.38	1/2	152.13	1/2		1/2		1/2		1/2	
3/4	1,625.38	3/4	1,328.36	3/4	1,031.32	3/4	739.79	3/4	443.19	3/4	145.93	3/4		3/4		3/4		3/4	
11	1,619.19	11	1,322.17	11	1,025.14	11	733.76	11	437.00	11	139.74	11		11		11		11	
1/4	1,613.01	1/4	1,315.98	1/4	1,018.95	1/4	727.66	1/4	430.80	1/4	133.55	1/4		1/4		1/4		1/4	
1/2	1,606.82	1/2	1,309.79	1/2	1,012.76	1/2	721.57	1/2	424.61	1/2	127.37	1/2		1/2		1/2		1/2	
3/4	1,600.64	3/4	1,303.61	3/4	1,006.57	3/4	715.48	3/4	418.42	3/4	121.18	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2014 CL
CALCULATED: 03/20/2014 CL
VERIFIED: 04/11/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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



BARGE "KIRBY 10114"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,260.03	0	2,998.14	0	2,736.25	0	2,473.95	0	2,210.66	0	1,947.36
1/4		1/4		1/4		1/4		1/4	3,254.57	1/4	2,992.68	1/4	2,730.79	1/4	2,468.47	1/4	2,205.17	1/4	1,941.88
1/2		1/2		1/2		1/2		1/2	3,475.78	1/2	3,249.11	1/2	2,987.23	1/2	2,725.34	1/2	2,462.98	1/2	2,199.69
3/4		3/4		3/4		3/4		3/4	3,474.86	3/4	3,243.66	3/4	2,981.77	3/4	2,719.88	3/4	2,457.50	3/4	2,194.20
1		1		1		1		1	3,473.95	1	3,238.20	1	2,976.31	1	2,714.43	1	2,452.01	1	2,188.72
1/4		1/4		1/4		1/4		1/4	3,473.03	1/4	3,232.75	1/4	2,970.86	1/4	2,708.97	1/4	2,446.53	1/4	2,183.23
1/2		1/2		1/2		1/2		1/2	3,472.12	1/2	3,227.29	1/2	2,965.40	1/2	2,703.51	1/2	2,441.04	1/2	2,177.75
3/4		3/4		3/4		3/4		3/4	3,469.37	3/4	3,221.83	3/4	2,959.95	3/4	2,698.06	3/4	2,435.55	3/4	2,172.26
2		2		2		2		2	3,466.63	2	3,216.38	2	2,954.49	2	2,692.60	2	2,430.07	2	2,166.77
1/4		1/4		1/4		1/4		1/4	3,463.88	1/4	3,210.92	1/4	2,949.03	1/4	2,687.15	1/4	2,424.58	1/4	2,161.29
1/2		1/2		1/2		1/2		1/2	3,461.14	1/2	3,205.47	1/2	2,943.58	1/2	2,681.69	1/2	2,419.10	1/2	2,155.80
3/4		3/4		3/4		3/4		3/4	3,456.70	3/4	3,200.01	3/4	2,938.12	3/4	2,676.23	3/4	2,413.61	3/4	2,150.32
3		3		3		3		3	3,452.25	3	3,194.55	3	2,932.67	3	2,670.78	3	2,408.13	3	2,144.83
1/4		1/4		1/4		1/4		1/4	3,447.81	1/4	3,189.10	1/4	2,927.21	1/4	2,665.32	1/4	2,402.64	1/4	2,139.35
1/2		1/2		1/2		1/2		1/2	3,443.36	1/2	3,183.64	1/2	2,921.75	1/2	2,659.87	1/2	2,397.16	1/2	2,133.86
3/4		3/4		3/4		3/4		3/4	3,438.05	3/4	3,178.19	3/4	2,916.30	3/4	2,654.41	3/4	2,391.67	3/4	2,128.38
4		4		4		4		4	3,432.73	4	3,172.73	4	2,910.84	4	2,648.95	4	2,386.19	4	2,122.89
1/4		1/4		1/4		1/4		1/4	3,427.41	1/4	3,167.27	1/4	2,905.39	1/4	2,643.50	1/4	2,380.70	1/4	2,117.41
1/2		1/2		1/2		1/2		1/2	3,422.10	1/2	3,161.82	1/2	2,899.93	1/2	2,638.04	1/2	2,375.22	1/2	2,111.92
3/4		3/4		3/4		3/4		3/4	3,416.75	3/4	3,156.36	3/4	2,894.47	3/4	2,632.59	3/4	2,369.73	3/4	2,106.44
5		5		5		5		5	3,411.40	5	3,150.91	5	2,889.02	5	2,627.13	5	2,364.25	5	2,100.95
1/4		1/4		1/4		1/4		1/4	3,406.05	1/4	3,145.45	1/4	2,883.56	1/4	2,621.67	1/4	2,358.76	1/4	2,095.47
1/2		1/2		1/2		1/2		1/2	3,400.71	1/2	3,139.99	1/2	2,878.11	1/2	2,616.22	1/2	2,353.28	1/2	2,089.98
3/4		3/4		3/4		3/4		3/4	3,395.35	3/4	3,134.54	3/4	2,872.65	3/4	2,610.76	3/4	2,347.79	3/4	2,084.50
6		6		6		6		6	3,389.99	6	3,129.08	6	2,867.19	6	2,605.31	6	2,342.30	6	2,079.01
1/4		1/4		1/4		1/4		1/4	3,384.63	1/4	3,123.63	1/4	2,861.74	1/4	2,599.85	1/4	2,336.82	1/4	2,073.52
1/2		1/2		1/2		1/2		1/2	3,379.27	1/2	3,118.17	1/2	2,856.28	1/2	2,594.39	1/2	2,331.33	1/2	2,068.04
3/4		3/4		3/4		3/4		3/4	3,373.91	3/4	3,112.71	3/4	2,850.83	3/4	2,588.94	3/4	2,325.85	3/4	2,062.55
7		7		7		7		7	3,368.55	7	3,107.26	7	2,845.37	7	2,583.48	7	2,320.36	7	2,057.07
1/4		1/4		1/4		1/4		1/4	3,363.19	1/4	3,101.80	1/4	2,839.91	1/4	2,578.03	1/4	2,314.88	1/4	2,051.58
1/2		1/2		1/2		1/2		1/2	3,357.84	1/2	3,096.35	1/2	2,834.46	1/2	2,572.57	1/2	2,309.39	1/2	2,046.10
3/4		3/4		3/4		3/4		3/4	3,352.48	3/4	3,090.89	3/4	2,829.00	3/4	2,567.11	3/4	2,303.91	3/4	2,040.61
8		8		8		8		8	3,347.12	8	3,085.43	8	2,823.55	8	2,561.66	8	2,298.42	8	2,035.13
1/4		1/4		1/4		1/4		1/4	3,341.77	1/4	3,079.98	1/4	2,818.09	1/4	2,556.20	1/4	2,292.94	1/4	2,029.64
1/2		1/2		1/2		1/2		1/2	3,336.41	1/2	3,074.52	1/2	2,812.63	1/2	2,550.75	1/2	2,287.45	1/2	2,024.16
3/4		3/4		3/4		3/4		3/4	3,330.95	3/4	3,069.07	3/4	2,807.18	3/4	2,545.26	3/4	2,281.97	3/4	2,018.67
9		9		9		9		9	3,325.50	9	3,063.61	9	2,801.72	9	2,539.78	9	2,276.48	9	2,013.19
1/4		1/4		1/4		1/4		1/4	3,320.04	1/4	3,058.15	1/4	2,796.27	1/4	2,534.29	1/4	2,271.00	1/4	2,007.70
1/2		1/2		1/2		1/2		1/2	3,314.59	1/2	3,052.70	1/2	2,790.81	1/2	2,528.80	1/2	2,265.51	1/2	2,002.22
3/4		3/4		3/4		3/4		3/4	3,309.13	3/4	3,047.24	3/4	2,785.35	3/4	2,523.32	3/4	2,260.02	3/4	1,996.73
10		10		10		10		10	3,303.67	10	3,041.79	10	2,779.90	10	2,517.83	10	2,254.54	10	1,991.25
1/4		1/4		1/4		1/4		1/4	3,298.22	1/4	3,036.33	1/4	2,774.44	1/4	2,512.35	1/4	2,249.05	1/4	1,985.76
1/2		1/2		1/2		1/2		1/2	3,292.76	1/2	3,030.87	1/2	2,768.99	1/2	2,506.86	1/2	2,243.57	1/2	1,980.27
3/4		3/4		3/4		3/4		3/4	3,287.31	3/4	3,025.42	3/4	2,763.53	3/4	2,501.38	3/4	2,238.08	3/4	1,974.79
11		11		11		11		11	3,281.85	11	3,019.96	11	2,758.07	11	2,495.89	11	2,232.60	11	1,969.30
1/4		1/4		1/4		1/4		1/4	3,276.39	1/4	3,014.51	1/4	2,752.62	1/4	2,490.41	1/4	2,227.11	1/4	1,963.82
1/2		1/2		1/2		1/2		1/2	3,270.94	1/2	3,009.05	1/2	2,747.16	1/2	2,484.92	1/2	2,221.63	1/2	1,958.33
3/4		3/4		3/4		3/4		3/4	3,265.48	3/4	3,003.59	3/4	2,741.71	3/4	2,479.44	3/4	2,216.14	3/4	1,952.85

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 10114"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,684.07	0	1,420.77	0	1,157.32	0	895.56	0	636.27	0	372.91	0	109.53	0		0			
1/4	1,678.58	1/4	1,415.29	1/4	1,151.83	1/4	890.16	1/4	630.82	1/4	367.42	1/4	104.06	1/4		1/4		1/4	
1/2	1,673.10	1/2	1,409.80	1/2	1,146.35	1/2	884.75	1/2	625.38	1/2	361.94	1/2	98.59	1/2		1/2		1/2	
3/4	1,667.61	3/4	1,404.31	3/4	1,140.86	3/4	879.35	3/4	619.89	3/4	356.45	3/4	93.14	3/4		3/4		3/4	
1	1,662.13	1	1,398.83	1	1,135.37	1	873.95	1	614.40	1	350.96	1	87.68	1		1		1	
1/4	1,656.64	1/4	1,393.34	1/4	1,129.88	1/4	868.54	1/4	608.91	1/4	345.47	1/4	82.23	1/4		1/4		1/4	
1/2	1,651.16	1/2	1,387.85	1/2	1,124.39	1/2	863.14	1/2	603.42	1/2	339.98	1/2	76.77	1/2		1/2		1/2	
3/4	1,645.67	3/4	1,382.36	3/4	1,118.90	3/4	857.73	3/4	597.93	3/4	334.50	3/4	71.35	3/4		3/4		3/4	
2	1,640.19	2	1,376.87	2	1,113.41	2	852.33	2	592.45	2	329.01	2	65.92	2		2		2	
1/4	1,634.70	1/4	1,371.38	1/4	1,107.92	1/4	846.93	1/4	586.96	1/4	323.52	1/4	60.50	1/4		1/4		1/4	
1/2	1,629.22	1/2	1,365.89	1/2	1,102.44	1/2	841.52	1/2	581.47	1/2	318.03	1/2	55.07	1/2		1/2		1/2	
3/4	1,623.73	3/4	1,360.41	3/4	1,096.95	3/4	836.12	3/4	575.98	3/4	312.54	3/4	49.70	3/4		3/4		3/4	
3	1,618.24	3	1,354.92	3	1,091.46	3	830.72	3	570.49	3	307.05	3	44.32	3		3		3	
1/4	1,612.76	1/4	1,349.43	1/4	1,085.97	1/4	825.31	1/4	565.00	1/4	301.57	1/4	38.95	1/4		1/4		1/4	
1/2	1,607.27	1/2	1,343.94	1/2	1,080.48	1/2	819.91	1/2	559.52	1/2	296.08	1/2	33.57	1/2		1/2		1/2	
3/4	1,601.79	3/4	1,338.45	3/4	1,074.99	3/4	814.51	3/4	554.03	3/4	290.59	3/4	29.01	3/4		3/4		3/4	
4	1,596.30	4	1,332.96	4	1,069.50	4	809.11	4	548.54	4	285.10	4	24.44	4		4		4	
1/4	1,590.82	1/4	1,327.47	1/4	1,064.02	1/4	803.71	1/4	543.05	1/4	279.61	1/4	19.88	1/4		1/4		1/4	
1/2	1,585.33	1/2	1,321.98	1/2	1,058.53	1/2	798.31	1/2	537.56	1/2	274.12	1/2	15.31	1/2		1/2		1/2	
3/4	1,579.85	3/4	1,316.50	3/4	1,053.04	3/4	792.91	3/4	532.07	3/4	268.64	3/4	12.57	3/4		3/4		3/4	
5	1,574.36	5	1,311.01	5	1,047.55	5	787.52	5	526.59	5	263.15	5	9.82	5		5		5	
1/4	1,568.88	1/4	1,305.52	1/4	1,042.06	1/4	782.12	1/4	521.10	1/4	257.66	1/4	7.08	1/4		1/4		1/4	
1/2	1,563.39	1/2	1,300.03	1/2	1,036.57	1/2	776.72	1/2	515.61	1/2	252.17	1/2	4.34	1/2		1/2		1/2	
3/4	1,557.91	3/4	1,294.54	3/4	1,031.08	3/4	771.32	3/4	510.12	3/4	246.68	3/4	3.42	3/4		3/4		3/4	
6	1,552.42	6	1,289.05	6	1,025.59	6	765.92	6	504.63	6	241.19	6	2.51	6		6		6	
1/4	1,546.94	1/4	1,283.56	1/4	1,020.11	1/4	760.52	1/4	499.14	1/4	235.71	1/4	1.59	1/4		1/4		1/4	
1/2	1,541.45	1/2	1,278.07	1/2	1,014.62	1/2	755.12	1/2	493.66	1/2	230.22	1/2	0.68	1/2		1/2		1/2	
3/4	1,535.97	3/4	1,272.59	3/4	1,009.17	3/4	749.73	3/4	488.17	3/4	224.73	3/4		3/4		3/4		3/4	
7	1,530.48	7	1,267.10	7	1,003.72	7	744.33	7	482.68	7	219.24	7		7		7		7	
1/4	1,524.99	1/4	1,261.61	1/4	998.28	1/4	738.93	1/4	477.19	1/4	213.75	1/4		1/4		1/4		1/4	
1/2	1,519.51	1/2	1,256.12	1/2	992.83	1/2	733.53	1/2	471.70	1/2	208.26	1/2		1/2		1/2		1/2	
3/4	1,514.02	3/4	1,250.63	3/4	987.43	3/4	728.13	3/4	466.21	3/4	202.78	3/4		3/4		3/4		3/4	
8	1,508.54	8	1,245.14	8	982.02	8	722.73	8	460.73	8	197.29	8		8		8		8	
1/4	1,503.05	1/4	1,239.65	1/4	976.62	1/4	717.33	1/4	455.24	1/4	191.80	1/4		1/4		1/4		1/4	
1/2	1,497.57	1/2	1,234.17	1/2	971.21	1/2	711.94	1/2	449.75	1/2	186.31	1/2		1/2		1/2		1/2	
3/4	1,492.08	3/4	1,228.68	3/4	965.81	3/4	706.54	3/4	444.26	3/4	180.82	3/4		3/4		3/4		3/4	
9	1,486.60	9	1,223.19	9	960.41	9	701.14	9	438.77	9	175.33	9		9		9		9	
1/4	1,481.11	1/4	1,217.70	1/4	955.00	1/4	695.74	1/4	433.28	1/4	169.85	1/4		1/4		1/4		1/4	
1/2	1,475.63	1/2	1,212.21	1/2	949.60	1/2	690.34	1/2	427.80	1/2	164.36	1/2		1/2		1/2		1/2	
3/4	1,470.14	3/4	1,206.72	3/4	944.19	3/4	684.94	3/4	422.31	3/4	158.87	3/4		3/4		3/4		3/4	
10	1,464.66	10	1,201.23	10	938.79	10	679.54	10	416.82	10	153.38	10		10		10		10	
1/4	1,459.17	1/4	1,195.74	1/4	933.39	1/4	674.15	1/4	411.33	1/4	147.89	1/4		1/4		1/4		1/4	
1/2	1,453.69	1/2	1,190.26	1/2	927.98	1/2	668.75	1/2	405.84	1/2	142.41	1/2		1/2		1/2		1/2	
3/4	1,448.20	3/4	1,184.77	3/4	922.58	3/4	663.35	3/4	400.35	3/4	136.92	3/4		3/4		3/4		3/4	
11	1,442.72	11	1,179.28	11	917.18	11	657.95	11	394.87	11	131.44	11		11		11		11	
1/4	1,437.23	1/4	1,173.79	1/4	911.77	1/4	652.55	1/4	389.38	1/4	125.96	1/4		1/4		1/4		1/4	
1/2	1,431.74	1/2	1,168.30	1/2	906.37	1/2	647.16	1/2	383.89	1/2	120.48	1/2		1/2		1/2		1/2	
3/4	1,426.26	3/4	1,162.81	3/4	900.96	3/4	641.71	3/4	378.40	3/4	115.00	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2014 CL
CALCULATED: 03/20/2014 CL
VERIFIED: 04/11/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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



BARGE "KIRBY 10114"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,238.61	0	2,978.79	0	2,718.96	0	2,458.73	0	2,197.52	0	1,936.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,233.20	1/4	2,973.38	1/4	2,713.55	1/4	2,453.29	1/4	2,192.08	1/4	1,930.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,452.65	1/2	3,227.79	1/2	2,967.96	1/2	2,708.14	1/2	2,447.85	1/2	2,186.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,451.74	3/4	3,222.37	3/4	2,962.55	3/4	2,702.73	3/4	2,442.41	3/4	2,181.19
1		1		1		1		1	3,450.83	1	3,216.96	1	2,957.14	1	2,697.31	1	2,436.97	1	2,175.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,449.93	1/4	3,211.55	1/4	2,951.72	1/4	2,691.90	1/4	2,431.52	1/4	2,170.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,449.02	1/2	3,206.13	1/2	2,946.31	1/2	2,686.49	1/2	2,426.08	1/2	2,164.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,446.30	3/4	3,200.72	3/4	2,940.90	3/4	2,681.07	3/4	2,420.64	3/4	2,159.42
2		2		2		2		2	3,443.57	2	3,195.31	2	2,935.48	2	2,675.66	2	2,415.20	2	2,153.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,440.85	1/4	3,189.90	1/4	2,930.07	1/4	2,670.25	1/4	2,409.76	1/4	2,148.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,438.13	1/2	3,184.48	1/2	2,924.66	1/2	2,664.83	1/2	2,404.31	1/2	2,143.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,433.72	3/4	3,179.07	3/4	2,919.25	3/4	2,659.42	3/4	2,398.87	3/4	2,137.66
3		3		3		3		3	3,429.31	3	3,173.66	3	2,913.83	3	2,654.01	3	2,393.43	3	2,132.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,424.90	1/4	3,168.24	1/4	2,908.42	1/4	2,648.60	1/4	2,387.99	1/4	2,126.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,420.50	1/2	3,162.83	1/2	2,903.01	1/2	2,643.18	1/2	2,382.55	1/2	2,121.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,415.22	3/4	3,157.42	3/4	2,897.59	3/4	2,637.77	3/4	2,377.10	3/4	2,115.89
4		4		4		4		4	3,409.95	4	3,152.00	4	2,892.18	4	2,632.36	4	2,371.66	4	2,110.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,404.67	1/4	3,146.59	1/4	2,886.77	1/4	2,626.94	1/4	2,366.22	1/4	2,105.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,399.40	1/2	3,141.18	1/2	2,881.35	1/2	2,621.53	1/2	2,360.78	1/2	2,099.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,394.09	3/4	3,135.77	3/4	2,875.94	3/4	2,616.12	3/4	2,355.34	3/4	2,094.12
5		5		5		5		5	3,388.79	5	3,130.35	5	2,870.53	5	2,610.70	5	2,349.89	5	2,088.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,383.48	1/4	3,124.94	1/4	2,865.12	1/4	2,605.29	1/4	2,344.45	1/4	2,083.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,378.18	1/2	3,119.53	1/2	2,859.70	1/2	2,599.88	1/2	2,339.01	1/2	2,077.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,372.86	3/4	3,114.11	3/4	2,854.29	3/4	2,594.47	3/4	2,333.57	3/4	2,072.35
6		6		6		6		6	3,367.54	6	3,108.70	6	2,848.88	6	2,589.05	6	2,328.13	6	2,066.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,362.22	1/4	3,103.29	1/4	2,843.46	1/4	2,583.64	1/4	2,322.68	1/4	2,061.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,356.90	1/2	3,097.87	1/2	2,838.05	1/2	2,578.23	1/2	2,317.24	1/2	2,056.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,351.59	3/4	3,092.46	3/4	2,832.64	3/4	2,572.81	3/4	2,311.80	3/4	2,050.58
7		7		7		7		7	3,346.27	7	3,087.05	7	2,827.22	7	2,567.40	7	2,306.36	7	2,045.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,340.96	1/4	3,081.64	1/4	2,821.81	1/4	2,561.99	1/4	2,300.92	1/4	2,039.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,335.65	1/2	3,076.22	1/2	2,816.40	1/2	2,556.57	1/2	2,295.47	1/2	2,034.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,330.33	3/4	3,070.81	3/4	2,810.99	3/4	2,551.16	3/4	2,290.03	3/4	2,028.82
8		8		8		8		8	3,325.02	8	3,065.40	8	2,805.57	8	2,545.75	8	2,284.59	8	2,023.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,319.71	1/4	3,059.98	1/4	2,800.16	1/4	2,540.34	1/4	2,279.15	1/4	2,017.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,314.39	1/2	3,054.57	1/2	2,794.75	1/2	2,534.92	1/2	2,273.71	1/2	2,012.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,308.98	3/4	3,049.16	3/4	2,789.33	3/4	2,529.48	3/4	2,268.26	3/4	2,007.05
9		9		9		9		9	3,303.57	9	3,043.74	9	2,783.92	9	2,524.04	9	2,262.82	9	2,001.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,298.16	1/4	3,038.33	1/4	2,778.51	1/4	2,518.60	1/4	2,257.38	1/4	1,996.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,292.74	1/2	3,032.92	1/2	2,773.09	1/2	2,513.15	1/2	2,251.94	1/2	1,990.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,287.33	3/4	3,027.51	3/4	2,767.68	3/4	2,507.71	3/4	2,246.50	3/4	1,985.28
10		10		10		10		10	3,281.92	10	3,022.09	10	2,762.27	10	2,502.27	10	2,241.05	10	1,979.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,276.50	1/4	3,016.68	1/4	2,756.86	1/4	2,496.83	1/4	2,235.61	1/4	1,974.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,271.09	1/2	3,011.27	1/2	2,751.44	1/2	2,491.39	1/2	2,230.17	1/2	1,968.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,265.68	3/4	3,005.85	3/4	2,746.03	3/4	2,485.94	3/4	2,224.73	3/4	1,963.51
11		11		11		11		11	3,260.26	11	3,000.44	11	2,740.62	11	2,480.50	11	2,219.29	11	1,958.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,254.85	1/4	2,995.03	1/4	2,735.20	1/4	2,475.06	1/4	2,213.84	1/4	1,952.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,249.44	1/2	2,989.61	1/2	2,729.79	1/2	2,469.62	1/2	2,208.40	1/2	1,947.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,244.03	3/4	2,984.20	3/4	2,724.38	3/4	2,464.18	3/4	2,202.96	3/4	1,941.74

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 10114"

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	1,675.09	0	1,413.87	0	1,152.49	0	891.90	0	631.35	0	369.99	0	108.68	0		0			
1/4	1,669.64	1/4	1,408.43	1/4	1,147.04	1/4	886.49	1/4	625.90	1/4	364.54	1/4	103.25	1/4		1/4		1/4	
1/2	1,664.20	1/2	1,402.99	1/2	1,141.60	1/2	881.08	1/2	620.46	1/2	359.10	1/2	97.82	1/2		1/2		1/2	
3/4	1,658.76	3/4	1,397.54	3/4	1,136.15	3/4	875.67	3/4	615.02	3/4	353.65	3/4	92.41	3/4		3/4		3/4	
1	1,653.32	1	1,392.10	1	1,130.71	1	870.26	1	609.57	1	348.21	1	87.00	1		1		1	
1/4	1,647.88	1/4	1,386.65	1/4	1,125.26	1/4	864.86	1/4	604.13	1/4	342.76	1/4	81.59	1/4		1/4		1/4	
1/2	1,642.43	1/2	1,381.20	1/2	1,119.82	1/2	859.45	1/2	598.69	1/2	337.32	1/2	76.18	1/2		1/2		1/2	
3/4	1,636.99	3/4	1,375.76	3/4	1,114.37	3/4	854.04	3/4	593.24	3/4	331.87	3/4	70.79	3/4		3/4		3/4	
2	1,631.55	2	1,370.31	2	1,108.92	2	848.63	2	587.79	2	326.43	2	65.41	2		2		2	
1/4	1,626.11	1/4	1,364.87	1/4	1,103.48	1/4	843.22	1/4	582.35	1/4	320.98	1/4	60.03	1/4		1/4		1/4	
1/2	1,620.67	1/2	1,359.42	1/2	1,098.03	1/2	837.81	1/2	576.90	1/2	315.53	1/2	54.65	1/2		1/2		1/2	
3/4	1,615.22	3/4	1,353.98	3/4	1,092.59	3/4	832.40	3/4	571.46	3/4	310.09	3/4	49.31	3/4		3/4		3/4	
3	1,609.78	3	1,348.53	3	1,087.14	3	826.99	3	566.01	3	304.64	3	43.98	3		3		3	
1/4	1,604.34	1/4	1,343.09	1/4	1,081.70	1/4	821.58	1/4	560.57	1/4	299.20	1/4	38.65	1/4		1/4		1/4	
1/2	1,598.90	1/2	1,337.64	1/2	1,076.25	1/2	816.17	1/2	555.12	1/2	293.75	1/2	33.31	1/2		1/2		1/2	
3/4	1,593.46	3/4	1,332.19	3/4	1,070.81	3/4	810.77	3/4	549.68	3/4	288.31	3/4	28.79	3/4		3/4		3/4	
4	1,588.01	4	1,326.75	4	1,065.36	4	805.36	4	544.23	4	282.86	4	24.26	4		4		4	
1/4	1,582.57	1/4	1,321.30	1/4	1,059.91	1/4	799.96	1/4	538.79	1/4	277.42	1/4	19.73	1/4		1/4		1/4	
1/2	1,577.13	1/2	1,315.86	1/2	1,054.47	1/2	794.56	1/2	533.34	1/2	271.97	1/2	15.20	1/2		1/2		1/2	
3/4	1,571.69	3/4	1,310.41	3/4	1,049.02	3/4	789.12	3/4	527.90	3/4	266.53	3/4	12.47	3/4		3/4		3/4	
5	1,566.25	5	1,304.97	5	1,043.58	5	783.68	5	522.45	5	261.08	5	9.75	5		5		5	
1/4	1,560.80	1/4	1,299.52	1/4	1,038.13	1/4	778.24	1/4	517.01	1/4	255.64	1/4	7.03	1/4		1/4		1/4	
1/2	1,555.36	1/2	1,294.07	1/2	1,032.69	1/2	772.80	1/2	511.56	1/2	250.19	1/2	4.31	1/2		1/2		1/2	
3/4	1,549.92	3/4	1,288.63	3/4	1,027.24	3/4	767.36	3/4	506.12	3/4	244.75	3/4	3.40	3/4		3/4		3/4	
6	1,544.48	6	1,283.18	6	1,021.79	6	761.92	6	500.67	6	239.30	6	2.49	6		6		6	
1/4	1,539.04	1/4	1,277.74	1/4	1,016.35	1/4	756.48	1/4	495.23	1/4	233.86	1/4	1.59	1/4		1/4		1/4	
1/2	1,533.59	1/2	1,272.29	1/2	1,010.90	1/2	751.04	1/2	489.78	1/2	228.41	1/2	0.68	1/2		1/2		1/2	
3/4	1,528.15	3/4	1,266.85	3/4	1,005.49	3/4	745.60	3/4	484.34	3/4	222.97	3/4		3/4		3/4		3/4	
7	1,522.71	7	1,261.40	7	1,000.09	7	740.16	7	478.89	7	217.52	7		7		7		7	
1/4	1,517.27	1/4	1,255.96	1/4	994.68	1/4	734.72	1/4	473.45	1/4	212.08	1/4		1/4		1/4		1/4	
1/2	1,511.83	1/2	1,250.51	1/2	989.27	1/2	729.28	1/2	468.00	1/2	206.63	1/2		1/2		1/2		1/2	
3/4	1,506.38	3/4	1,245.06	3/4	983.86	3/4	723.83	3/4	462.56	3/4	201.19	3/4		3/4		3/4		3/4	
8	1,500.94	8	1,239.62	8	978.45	8	718.39	8	457.11	8	195.74	8		8		8		8	
1/4	1,495.50	1/4	1,234.17	1/4	973.04	1/4	712.95	1/4	451.66	1/4	190.30	1/4		1/4		1/4		1/4	
1/2	1,490.06	1/2	1,228.73	1/2	967.63	1/2	707.51	1/2	446.22	1/2	184.85	1/2		1/2		1/2		1/2	
3/4	1,484.62	3/4	1,223.28	3/4	962.22	3/4	702.07	3/4	440.77	3/4	179.40	3/4		3/4		3/4		3/4	
9	1,479.17	9	1,217.84	9	956.81	9	696.63	9	435.33	9	173.96	9		9		9		9	
1/4	1,473.73	1/4	1,212.39	1/4	951.40	1/4	691.19	1/4	429.88	1/4	168.51	1/4		1/4		1/4		1/4	
1/2	1,468.29	1/2	1,206.95	1/2	945.99	1/2	685.75	1/2	424.44	1/2	163.07	1/2		1/2		1/2		1/2	
3/4	1,462.85	3/4	1,201.50	3/4	940.58	3/4	680.31	3/4	418.99	3/4	157.62	3/4		3/4		3/4		3/4	
10	1,457.41	10	1,196.05	10	935.17	10	674.87	10	413.55	10	152.18	10		10		10		10	
1/4	1,451.96	1/4	1,190.61	1/4	929.77	1/4	669.43	1/4	408.10	1/4	146.74	1/4		1/4		1/4		1/4	
1/2	1,446.52	1/2	1,185.16	1/2	924.36	1/2	663.99	1/2	402.66	1/2	141.29	1/2		1/2		1/2		1/2	
3/4	1,441.08	3/4	1,179.72	3/4	918.95	3/4	658.55	3/4	397.21	3/4	135.85	3/4		3/4		3/4		3/4	
11	1,435.64	11	1,174.27	11	913.54	11	653.11	11	391.77	11	130.41	11		11		11		11	
1/4	1,430.20	1/4	1,168.83	1/4	908.13	1/4	647.68	1/4	386.32	1/4	124.97	1/4		1/4		1/4		1/4	
1/2	1,424.75	1/2	1,163.38	1/2	902.72	1/2	642.24	1/2	380.88	1/2	119.53	1/2		1/2		1/2		1/2	
3/4	1,419.31	3/4	1,157.93	3/4	897.31	3/4	636.79	3/4	375.43	3/4	114.10	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2014 CL
CALCULATED: 03/20/2014 CL
VERIFIED: 04/11/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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