



BARGE "KIRBY 10098"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/4"
 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"

February 20, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10098"

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	3,769.88	0	3,548.72	0	3,295.45	0	3,042.19	0	2,781.46	0	2,485.41	0	2,188.69
1/4		1/4		1/4		1/4	3,768.84	1/4	3,543.44	1/4	3,290.18	1/4	3,036.91	1/4	2,775.30	1/4	2,479.23	1/4	2,182.51
1/2		1/2		1/2		1/2	3,767.81	1/2	3,538.17	1/2	3,284.90	1/2	3,031.63	1/2	2,769.14	1/2	2,473.05	1/2	2,176.32
3/4		3/4		3/4		3/4	3,766.77	3/4	3,532.89	3/4	3,279.62	3/4	3,026.36	3/4	2,762.97	3/4	2,466.87	3/4	2,170.14
1		1		1		1	3,765.74	1	3,527.61	1	3,274.35	1	3,021.08	1	2,756.81	1	2,460.69	1	2,163.96
1/4		1/4		1/4		1/4	3,762.64	1/4	3,522.34	1/4	3,269.07	1/4	3,015.80	1/4	2,750.65	1/4	2,454.51	1/4	2,157.78
1/2		1/2		1/2		1/2	3,759.53	1/2	3,517.06	1/2	3,263.79	1/2	3,010.53	1/2	2,744.48	1/2	2,448.32	1/2	2,151.60
3/4		3/4		3/4		3/4	3,756.43	3/4	3,511.79	3/4	3,258.52	3/4	3,005.25	3/4	2,738.32	3/4	2,442.14	3/4	2,145.42
2		2		2		2	3,753.33	2	3,506.51	2	3,253.24	2	2,999.97	2	2,732.16	2	2,435.96	2	2,139.23
1/4		1/4		1/4		1/4	3,749.17	1/4	3,501.23	1/4	3,247.97	1/4	2,994.70	1/4	2,725.99	1/4	2,429.78	1/4	2,133.05
1/2		1/2		1/2		1/2	3,745.02	1/2	3,495.96	1/2	3,242.69	1/2	2,989.42	1/2	2,719.83	1/2	2,423.60	1/2	2,126.87
3/4		3/4		3/4		3/4	3,740.86	3/4	3,490.68	3/4	3,237.41	3/4	2,984.15	3/4	2,713.67	3/4	2,417.42	3/4	2,120.69
3		3		3		3	3,736.71	3	3,485.40	3	3,232.14	3	2,978.87	3	2,707.51	3	2,411.23	3	2,114.51
1/4		1/4		1/4		1/4	3,731.56	1/4	3,480.13	1/4	3,226.86	1/4	2,973.59	1/4	2,701.34	1/4	2,405.05	1/4	2,108.33
1/2		1/2		1/2		1/2	3,726.42	1/2	3,474.85	1/2	3,221.58	1/2	2,968.32	1/2	2,695.18	1/2	2,398.87	1/2	2,102.14
3/4		3/4		3/4		3/4	3,721.28	3/4	3,469.57	3/4	3,216.31	3/4	2,963.04	3/4	2,689.02	3/4	2,392.69	3/4	2,095.96
4		4		4		4	3,716.14	4	3,464.30	4	3,211.03	4	2,957.76	4	2,682.85	4	2,386.51	4	2,089.78
1/4		1/4		1/4		1/4	3,710.96	1/4	3,459.02	1/4	3,205.75	1/4	2,952.49	1/4	2,676.69	1/4	2,380.32	1/4	2,083.60
1/2		1/2		1/2		1/2	3,705.78	1/2	3,453.75	1/2	3,200.48	1/2	2,947.21	1/2	2,670.53	1/2	2,374.14	1/2	2,077.42
3/4		3/4		3/4		3/4	3,700.60	3/4	3,448.47	3/4	3,195.20	3/4	2,941.93	3/4	2,664.37	3/4	2,367.96	3/4	2,071.23
5		5		5		5	3,695.43	5	3,443.19	5	3,189.93	5	2,936.66	5	2,658.20	5	2,361.78	5	2,065.05
1/4		1/4		1/4		1/4	3,690.24	1/4	3,437.92	1/4	3,184.65	1/4	2,931.38	1/4	2,652.04	1/4	2,355.60	1/4	2,058.87
1/2		1/2		1/2		1/2	3,685.04	1/2	3,432.64	1/2	3,179.37	1/2	2,926.11	1/2	2,645.88	1/2	2,349.42	1/2	2,052.69
3/4		3/4		3/4		3/4	3,679.85	3/4	3,427.36	3/4	3,174.10	3/4	2,920.83	3/4	2,639.71	3/4	2,343.23	3/4	2,046.51
6		6		6		6	3,674.66	6	3,422.09	6	3,168.82	6	2,915.55	6	2,633.55	6	2,337.05	6	2,040.33
1/4		1/4		1/4		1/4	3,669.47	1/4	3,416.81	1/4	3,163.54	1/4	2,910.28	1/4	2,627.39	1/4	2,330.87	1/4	2,034.14
1/2		1/2		1/2		1/2	3,664.28	1/2	3,411.53	1/2	3,158.27	1/2	2,905.00	1/2	2,621.23	1/2	2,324.69	1/2	2,027.96
3/4		3/4		3/4		3/4	3,659.09	3/4	3,406.26	3/4	3,152.99	3/4	2,899.72	3/4	2,615.06	3/4	2,318.51	3/4	2,021.78
7		7		7		7	3,653.90	7	3,400.98	7	3,147.71	7	2,894.45	7	2,608.90	7	2,312.32	7	2,015.60
1/4		1/4		1/4		1/4	3,648.71	1/4	3,395.70	1/4	3,142.44	1/4	2,889.17	1/4	2,602.74	1/4	2,306.14	1/4	2,009.42
1/2		1/2		1/2		1/2	3,643.52	1/2	3,390.43	1/2	3,137.16	1/2	2,883.89	1/2	2,596.57	1/2	2,299.96	1/2	2,003.23
3/4		3/4		3/4		3/4	3,638.33	3/4	3,385.15	3/4	3,131.88	3/4	2,878.62	3/4	2,590.41	3/4	2,293.78	3/4	1,997.05
8		8		8		8	3,633.14	8	3,379.88	8	3,126.61	8	2,873.34	8	2,584.25	8	2,287.60	8	1,990.87
1/4		1/4		1/4		1/4	3,627.87	1/4	3,374.60	1/4	3,121.33	1/4	2,868.04	1/4	2,578.09	1/4	2,281.42	1/4	1,984.69
1/2		1/2		1/2		1/2	3,622.59	1/2	3,369.32	1/2	3,116.06	1/2	2,862.74	1/2	2,571.92	1/2	2,275.23	1/2	1,978.51
3/4		3/4		3/4		3/4	3,617.31	3/4	3,364.05	3/4	3,110.78	3/4	2,857.44	3/4	2,565.76	3/4	2,269.05	3/4	1,972.33
9		9		9		9	3,612.04	9	3,358.77	9	3,105.50	9	2,852.14	9	2,559.60	9	2,262.87	9	1,966.14
1/4		1/4		1/4		1/4	3,606.76	1/4	3,353.49	1/4	3,100.23	1/4	2,846.83	1/4	2,553.41	1/4	2,256.69	1/4	1,959.96
1/2		1/2		1/2		1/2	3,601.48	1/2	3,348.22	1/2	3,094.95	1/2	2,841.53	1/2	2,547.23	1/2	2,250.51	1/2	1,953.78
3/4		3/4		3/4		3/4	3,596.21	3/4	3,342.94	3/4	3,089.67	3/4	2,836.23	3/4	2,541.05	3/4	2,244.32	3/4	1,947.60
10		10		10		10	3,590.93	10	3,337.66	10	3,084.40	10	2,830.93	10	2,534.87	10	2,238.14	10	1,941.42
1/4		1/4		1/4		1/4	3,585.66	1/4	3,332.39	1/4	3,079.12	1/4	2,824.73	1/4	2,528.69	1/4	2,231.96	1/4	1,935.23
1/2		1/2		1/2		1/2	3,580.38	1/2	3,327.11	1/2	3,073.84	1/2	2,818.52	1/2	2,522.51	1/2	2,225.78	1/2	1,929.05
3/4		3/4		3/4		3/4	3,575.10	3/4	3,321.84	3/4	3,068.57	3/4	2,812.32	3/4	2,516.32	3/4	2,219.60	3/4	1,922.87
11		11		11		11	3,569.83	11	3,316.56	11	3,063.29	11	2,806.11	11	2,510.14	11	2,213.42	11	1,916.69
1/4		1/4		1/4		1/4	3,564.55	1/4	3,311.28	1/4	3,058.02	1/4	2,799.95	1/4	2,503.96	1/4	2,207.23	1/4	1,910.51
1/2		1/2		1/2		1/2	3,559.27	1/2	3,306.01	1/2	3,052.74	1/2	2,793.79	1/2	2,497.78	1/2	2,201.05	1/2	1,904.33
3/4		3/4		3/4		3/4	3,554.00	3/4	3,300.73	3/4	3,047.46	3/4	2,787.62	3/4	2,491.60	3/4	2,194.87	3/4	1,898.14

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 10098"

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	1,891.96	0	1,595.01	0	1,297.87	0	1,000.73	0	709.63	0	412.37	0	115.03	0		0		0	
1/4	1,885.78	1/4	1,588.82	1/4	1,291.68	1/4	994.54	1/4	703.45	1/4	406.18	1/4	108.87	1/4		1/4		1/4	
1/2	1,879.60	1/2	1,582.63	1/2	1,285.49	1/2	988.35	1/2	697.28	1/2	399.98	1/2	102.70	1/2		1/2		1/2	
3/4	1,873.42	3/4	1,576.44	3/4	1,279.30	3/4	982.16	3/4	691.10	3/4	393.79	3/4	96.53	3/4		3/4		3/4	
1	1,867.23	1	1,570.25	1	1,273.11	1	975.97	1	684.93	1	387.59	1	90.37	1		1		1	
1/4	1,861.05	1/4	1,564.06	1/4	1,266.92	1/4	969.84	1/4	678.73	1/4	381.40	1/4	84.23	1/4		1/4		1/4	
1/2	1,854.87	1/2	1,557.87	1/2	1,260.73	1/2	963.71	1/2	672.54	1/2	375.20	1/2	78.10	1/2		1/2		1/2	
3/4	1,848.69	3/4	1,551.68	3/4	1,254.54	3/4	957.59	3/4	666.35	3/4	369.01	3/4	71.96	3/4		3/4		3/4	
2	1,842.51	2	1,545.49	2	1,248.35	2	951.46	2	660.15	2	362.81	2	65.83	2		2		2	
1/4	1,836.33	1/4	1,539.29	1/4	1,242.16	1/4	945.39	1/4	653.96	1/4	356.62	1/4	59.75	1/4		1/4		1/4	
1/2	1,830.14	1/2	1,533.10	1/2	1,235.97	1/2	939.33	1/2	647.77	1/2	350.42	1/2	53.67	1/2		1/2		1/2	
3/4	1,823.96	3/4	1,526.91	3/4	1,229.77	3/4	933.27	3/4	641.57	3/4	344.23	3/4	47.59	3/4		3/4		3/4	
3	1,817.78	3	1,520.72	3	1,223.58	3	927.20	3	635.38	3	338.03	3	41.52	3		3		3	
1/4	1,811.59	1/4	1,514.53	1/4	1,217.39	1/4	921.14	1/4	629.18	1/4	331.84	1/4	36.35	1/4		1/4		1/4	
1/2	1,805.40	1/2	1,508.34	1/2	1,211.20	1/2	915.07	1/2	622.99	1/2	325.64	1/2	31.19	1/2		1/2		1/2	
3/4	1,799.21	3/4	1,502.15	3/4	1,205.01	3/4	909.01	3/4	616.79	3/4	319.45	3/4	26.03	3/4		3/4		3/4	
4	1,793.02	4	1,495.96	4	1,198.82	4	902.95	4	610.60	4	313.25	4	20.86	4		4		4	
1/4	1,786.83	1/4	1,489.77	1/4	1,192.63	1/4	896.90	1/4	604.41	1/4	307.06	1/4	17.76	1/4		1/4		1/4	
1/2	1,780.64	1/2	1,483.58	1/2	1,186.44	1/2	890.85	1/2	598.21	1/2	300.87	1/2	14.66	1/2		1/2		1/2	
3/4	1,774.45	3/4	1,477.39	3/4	1,180.25	3/4	884.80	3/4	592.02	3/4	294.67	3/4	11.56	3/4		3/4		3/4	
5	1,768.26	5	1,471.20	5	1,174.06	5	878.76	5	585.82	5	288.48	5	8.45	5		5		5	
1/4	1,762.07	1/4	1,465.01	1/4	1,167.87	1/4	872.73	1/4	579.63	1/4	282.28	1/4	7.42	1/4		1/4		1/4	
1/2	1,755.88	1/2	1,458.82	1/2	1,161.68	1/2	866.70	1/2	573.43	1/2	276.09	1/2	6.38	1/2		1/2		1/2	
3/4	1,749.69	3/4	1,452.63	3/4	1,155.49	3/4	860.66	3/4	567.24	3/4	269.89	3/4	5.35	3/4		3/4		3/4	
6	1,743.50	6	1,446.44	6	1,149.30	6	854.63	6	561.04	6	263.70	6	4.32	6		6		6	
1/4	1,737.31	1/4	1,440.25	1/4	1,143.11	1/4	848.60	1/4	554.85	1/4	257.50	1/4		1/4		1/4		1/4	
1/2	1,731.12	1/2	1,434.06	1/2	1,136.92	1/2	842.57	1/2	548.65	1/2	251.31	1/2		1/2		1/2		1/2	
3/4	1,724.93	3/4	1,427.87	3/4	1,130.73	3/4	836.54	3/4	542.46	3/4	245.11	3/4		3/4		3/4		3/4	
7	1,718.74	7	1,421.68	7	1,124.54	7	830.51	7	536.26	7	238.92	7		7		7		7	
1/4	1,712.56	1/4	1,415.49	1/4	1,118.35	1/4	824.48	1/4	530.07	1/4	232.72	1/4		1/4		1/4		1/4	
1/2	1,706.37	1/2	1,409.30	1/2	1,112.16	1/2	818.45	1/2	523.87	1/2	226.53	1/2		1/2		1/2		1/2	
3/4	1,700.18	3/4	1,403.11	3/4	1,105.97	3/4	812.42	3/4	517.68	3/4	220.33	3/4		3/4		3/4		3/4	
8	1,694.00	8	1,396.92	8	1,099.78	8	806.38	8	511.48	8	214.14	8		8		8		8	
1/4	1,687.81	1/4	1,390.73	1/4	1,093.59	1/4	800.35	1/4	505.29	1/4	207.94	1/4		1/4		1/4		1/4	
1/2	1,681.62	1/2	1,384.53	1/2	1,087.40	1/2	794.32	1/2	499.10	1/2	201.75	1/2		1/2		1/2		1/2	
3/4	1,675.44	3/4	1,378.34	3/4	1,081.21	3/4	788.29	3/4	492.90	3/4	195.56	3/4		3/4		3/4		3/4	
9	1,669.25	9	1,372.15	9	1,075.01	9	782.26	9	486.71	9	189.36	9		9		9		9	
1/4	1,663.06	1/4	1,365.96	1/4	1,068.82	1/4	776.23	1/4	480.51	1/4	183.17	1/4		1/4		1/4		1/4	
1/2	1,656.88	1/2	1,359.77	1/2	1,062.63	1/2	770.20	1/2	474.32	1/2	176.97	1/2		1/2		1/2		1/2	
3/4	1,650.69	3/4	1,353.58	3/4	1,056.44	3/4	764.17	3/4	468.12	3/4	170.78	3/4		3/4		3/4		3/4	
10	1,644.50	10	1,347.39	10	1,050.25	10	758.14	10	461.93	10	164.58	10		10		10		10	
1/4	1,638.32	1/4	1,341.20	1/4	1,044.06	1/4	752.10	1/4	455.73	1/4	158.38	1/4		1/4		1/4		1/4	
1/2	1,632.13	1/2	1,335.01	1/2	1,037.87	1/2	746.07	1/2	449.54	1/2	152.18	1/2		1/2		1/2		1/2	
3/4	1,625.94	3/4	1,328.82	3/4	1,031.68	3/4	740.04	3/4	443.34	3/4	145.98	3/4		3/4		3/4		3/4	
11	1,619.76	11	1,322.63	11	1,025.49	11	734.01	11	437.15	11	139.78	11		11		11		11	
1/4	1,613.57	1/4	1,316.44	1/4	1,019.30	1/4	727.92	1/4	430.95	1/4	133.60	1/4		1/4		1/4		1/4	
1/2	1,607.38	1/2	1,310.25	1/2	1,013.11	1/2	721.82	1/2	424.76	1/2	127.41	1/2		1/2		1/2		1/2	
3/4	1,601.20	3/4	1,304.06	3/4	1,006.92	3/4	715.73	3/4	418.56	3/4	121.22	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2014 CL
CALCULATED: 01/23/2014 CL
VERIFIED: 02/20/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "KIRBY 10098"

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	1,683.15	0	1,420.00	0	1,156.69	0	895.07	0	635.92	0	372.71	0	109.47	0		0		0	
1/4	1,677.67	1/4	1,414.52	1/4	1,151.20	1/4	889.67	1/4	630.48	1/4	367.22	1/4	104.00	1/4		1/4		1/4	
1/2	1,672.18	1/2	1,409.03	1/2	1,145.72	1/2	884.27	1/2	625.03	1/2	361.74	1/2	98.54	1/2		1/2		1/2	
3/4	1,666.70	3/4	1,403.55	3/4	1,140.23	3/4	878.87	3/4	619.55	3/4	356.25	3/4	93.08	3/4		3/4		3/4	
1	1,661.22	1	1,398.06	1	1,134.75	1	873.47	1	614.06	1	350.77	1	87.63	1		1		1	
1/4	1,655.74	1/4	1,392.58	1/4	1,129.26	1/4	868.07	1/4	608.58	1/4	345.28	1/4	82.18	1/4		1/4		1/4	
1/2	1,650.25	1/2	1,387.09	1/2	1,123.78	1/2	862.67	1/2	603.09	1/2	339.80	1/2	76.73	1/2		1/2		1/2	
3/4	1,644.77	3/4	1,381.60	3/4	1,118.29	3/4	857.26	3/4	597.61	3/4	334.31	3/4	71.31	3/4		3/4		3/4	
2	1,639.29	2	1,376.12	2	1,112.80	2	851.86	2	592.12	2	328.83	2	65.89	2		2		2	
1/4	1,633.81	1/4	1,370.63	1/4	1,107.32	1/4	846.46	1/4	586.64	1/4	323.34	1/4	60.47	1/4		1/4		1/4	
1/2	1,628.32	1/2	1,365.15	1/2	1,101.83	1/2	841.06	1/2	581.15	1/2	317.86	1/2	55.04	1/2		1/2		1/2	
3/4	1,622.84	3/4	1,359.66	3/4	1,096.35	3/4	835.66	3/4	575.67	3/4	312.37	3/4	49.67	3/4		3/4		3/4	
3	1,617.36	3	1,354.18	3	1,090.86	3	830.26	3	570.18	3	306.89	3	44.30	3		3		3	
1/4	1,611.88	1/4	1,348.69	1/4	1,085.38	1/4	824.86	1/4	564.69	1/4	301.40	1/4	38.93	1/4		1/4		1/4	
1/2	1,606.40	1/2	1,343.20	1/2	1,079.89	1/2	819.46	1/2	559.21	1/2	295.92	1/2	33.56	1/2		1/2		1/2	
3/4	1,600.91	3/4	1,337.72	3/4	1,074.41	3/4	814.06	3/4	553.72	3/4	290.43	3/4	28.99	3/4		3/4		3/4	
4	1,595.43	4	1,332.23	4	1,068.92	4	808.67	4	548.24	4	284.94	4	24.43	4		4		4	
1/4	1,589.95	1/4	1,326.75	1/4	1,063.43	1/4	803.27	1/4	542.75	1/4	279.46	1/4	19.87	1/4		1/4		1/4	
1/2	1,584.47	1/2	1,321.26	1/2	1,057.95	1/2	797.88	1/2	537.27	1/2	273.97	1/2	15.30	1/2		1/2		1/2	
3/4	1,578.98	3/4	1,315.78	3/4	1,052.46	3/4	792.48	3/4	531.78	3/4	268.49	3/4	12.56	3/4		3/4		3/4	
5	1,573.50	5	1,310.29	5	1,046.98	5	787.08	5	526.30	5	263.00	5	9.82	5		5		5	
1/4	1,568.02	1/4	1,304.80	1/4	1,041.49	1/4	781.69	1/4	520.81	1/4	257.52	1/4	7.08	1/4		1/4		1/4	
1/2	1,562.54	1/2	1,299.32	1/2	1,036.01	1/2	776.29	1/2	515.33	1/2	252.03	1/2	4.33	1/2		1/2		1/2	
3/4	1,557.05	3/4	1,293.83	3/4	1,030.52	3/4	770.90	3/4	509.84	3/4	246.55	3/4	3.42	3/4		3/4		3/4	
6	1,551.57	6	1,288.35	6	1,025.03	6	765.50	6	504.36	6	241.06	6	2.51	6		6		6	
1/4	1,546.09	1/4	1,282.86	1/4	1,019.55	1/4	760.11	1/4	498.87	1/4	235.58	1/4	1.59	1/4		1/4		1/4	
1/2	1,540.61	1/2	1,277.38	1/2	1,014.06	1/2	754.71	1/2	493.39	1/2	230.09	1/2	0.68	1/2		1/2		1/2	
3/4	1,535.13	3/4	1,271.89	3/4	1,008.62	3/4	749.32	3/4	487.90	3/4	224.61	3/4		3/4		3/4		3/4	
7	1,529.64	7	1,266.40	7	1,003.17	7	743.92	7	482.42	7	219.12	7		7		7		7	
1/4	1,524.16	1/4	1,260.92	1/4	997.73	1/4	738.52	1/4	476.93	1/4	213.64	1/4		1/4		1/4		1/4	
1/2	1,518.68	1/2	1,255.43	1/2	992.29	1/2	733.13	1/2	471.44	1/2	208.15	1/2		1/2		1/2		1/2	
3/4	1,513.20	3/4	1,249.95	3/4	986.89	3/4	727.73	3/4	465.96	3/4	202.67	3/4		3/4		3/4		3/4	
8	1,507.71	8	1,244.46	8	981.48	8	722.34	8	460.47	8	197.18	8		8		8		8	
1/4	1,502.23	1/4	1,238.98	1/4	976.08	1/4	716.94	1/4	454.99	1/4	191.69	1/4		1/4		1/4		1/4	
1/2	1,496.75	1/2	1,233.49	1/2	970.68	1/2	711.55	1/2	449.50	1/2	186.21	1/2		1/2		1/2		1/2	
3/4	1,491.27	3/4	1,228.00	3/4	965.28	3/4	706.15	3/4	444.02	3/4	180.72	3/4		3/4		3/4		3/4	
9	1,485.78	9	1,222.52	9	959.88	9	700.75	9	438.53	9	175.24	9		9		9		9	
1/4	1,480.30	1/4	1,217.03	1/4	954.48	1/4	695.36	1/4	433.05	1/4	169.75	1/4		1/4		1/4		1/4	
1/2	1,474.82	1/2	1,211.55	1/2	949.08	1/2	689.96	1/2	427.56	1/2	164.27	1/2		1/2		1/2		1/2	
3/4	1,469.34	3/4	1,206.06	3/4	943.68	3/4	684.57	3/4	422.08	3/4	158.78	3/4		3/4		3/4		3/4	
10	1,463.86	10	1,200.58	10	938.28	10	679.17	10	416.59	10	153.30	10		10		10		10	
1/4	1,458.37	1/4	1,195.09	1/4	932.88	1/4	673.78	1/4	411.11	1/4	147.81	1/4		1/4		1/4		1/4	
1/2	1,452.89	1/2	1,189.60	1/2	927.48	1/2	668.38	1/2	405.62	1/2	142.33	1/2		1/2		1/2		1/2	
3/4	1,447.41	3/4	1,184.12	3/4	922.08	3/4	662.99	3/4	400.14	3/4	136.85	3/4		3/4		3/4		3/4	
11	1,441.93	11	1,178.63	11	916.67	11	657.59	11	394.65	11	131.37	11		11		11		11	
1/4	1,436.44	1/4	1,173.15	1/4	911.27	1/4	652.20	1/4	389.17	1/4	125.89	1/4		1/4		1/4		1/4	
1/2	1,430.96	1/2	1,167.66	1/2	905.87	1/2	646.80	1/2	383.68	1/2	120.41	1/2		1/2		1/2		1/2	
3/4	1,425.48	3/4	1,162.18	3/4	900.47	3/4	641.36	3/4	378.19	3/4	114.94	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2014 CL
CALCULATED: 01/23/2014 CL
VERIFIED: 02/20/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "KIRBY 10098"

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	1,672.76	0	1,411.91	0	1,150.89	0	890.66	0	630.47	0	369.47	0	108.52	0		0		0	
1/4	1,667.33	1/4	1,406.47	1/4	1,145.45	1/4	885.26	1/4	625.04	1/4	364.03	1/4	103.10	1/4		1/4		1/4	
1/2	1,661.89	1/2	1,401.04	1/2	1,140.01	1/2	879.86	1/2	619.60	1/2	358.60	1/2	97.68	1/2		1/2		1/2	
3/4	1,656.46	3/4	1,395.60	3/4	1,134.58	3/4	874.46	3/4	614.16	3/4	353.16	3/4	92.28	3/4		3/4		3/4	
1	1,651.03	1	1,390.16	1	1,129.14	1	869.06	1	608.72	1	347.72	1	86.88	1		1		1	
1/4	1,645.59	1/4	1,384.72	1/4	1,123.70	1/4	863.66	1/4	603.29	1/4	342.28	1/4	81.47	1/4		1/4		1/4	
1/2	1,640.16	1/2	1,379.29	1/2	1,118.26	1/2	858.25	1/2	597.85	1/2	336.85	1/2	76.07	1/2		1/2		1/2	
3/4	1,634.72	3/4	1,373.85	3/4	1,112.82	3/4	852.85	3/4	592.41	3/4	331.41	3/4	70.69	3/4		3/4		3/4	
2	1,629.29	2	1,368.41	2	1,107.39	2	847.45	2	586.98	2	325.97	2	65.32	2		2		2	
1/4	1,623.85	1/4	1,362.97	1/4	1,101.95	1/4	842.05	1/4	581.54	1/4	320.53	1/4	59.95	1/4		1/4		1/4	
1/2	1,618.42	1/2	1,357.53	1/2	1,096.51	1/2	836.65	1/2	576.10	1/2	315.10	1/2	54.57	1/2		1/2		1/2	
3/4	1,612.98	3/4	1,352.10	3/4	1,091.07	3/4	831.25	3/4	570.66	3/4	309.66	3/4	49.24	3/4		3/4		3/4	
3	1,607.55	3	1,346.66	3	1,085.63	3	825.84	3	565.23	3	304.22	3	43.92	3		3		3	
1/4	1,602.11	1/4	1,341.22	1/4	1,080.20	1/4	820.44	1/4	559.79	1/4	298.78	1/4	38.59	1/4		1/4		1/4	
1/2	1,596.68	1/2	1,335.78	1/2	1,074.76	1/2	815.04	1/2	554.35	1/2	293.35	1/2	33.27	1/2		1/2		1/2	
3/4	1,591.25	3/4	1,330.34	3/4	1,069.32	3/4	809.64	3/4	548.91	3/4	287.91	3/4	28.75	3/4		3/4		3/4	
4	1,585.81	4	1,324.91	4	1,063.88	4	804.25	4	543.48	4	282.47	4	24.22	4		4		4	
1/4	1,580.38	1/4	1,319.47	1/4	1,058.44	1/4	798.85	1/4	538.04	1/4	277.03	1/4	19.70	1/4		1/4		1/4	
1/2	1,574.94	1/2	1,314.03	1/2	1,053.01	1/2	793.45	1/2	532.60	1/2	271.60	1/2	15.18	1/2		1/2		1/2	
3/4	1,569.51	3/4	1,308.59	3/4	1,047.57	3/4	788.02	3/4	527.16	3/4	266.16	3/4	12.46	3/4		3/4		3/4	
5	1,564.07	5	1,303.15	5	1,042.13	5	782.59	5	521.72	5	260.72	5	9.74	5		5		5	
1/4	1,558.64	1/4	1,297.72	1/4	1,036.69	1/4	777.16	1/4	516.29	1/4	255.28	1/4	7.02	1/4		1/4		1/4	
1/2	1,553.20	1/2	1,292.28	1/2	1,031.25	1/2	771.72	1/2	510.85	1/2	249.84	1/2	4.30	1/2		1/2		1/2	
3/4	1,547.77	3/4	1,286.84	3/4	1,025.82	3/4	766.29	3/4	505.41	3/4	244.41	3/4	3.39	3/4		3/4		3/4	
6	1,542.34	6	1,281.40	6	1,020.38	6	760.86	6	499.97	6	238.97	6	2.49	6		6		6	
1/4	1,536.90	1/4	1,275.96	1/4	1,014.94	1/4	755.43	1/4	494.54	1/4	233.53	1/4	1.58	1/4		1/4		1/4	
1/2	1,531.47	1/2	1,270.53	1/2	1,009.50	1/2	749.99	1/2	489.10	1/2	228.09	1/2	0.68	1/2		1/2		1/2	
3/4	1,526.03	3/4	1,265.09	3/4	1,004.10	3/4	744.56	3/4	483.66	3/4	222.66	3/4		3/4		3/4		3/4	
7	1,520.60	7	1,259.65	7	998.70	7	739.13	7	478.22	7	217.22	7		7		7		7	
1/4	1,515.16	1/4	1,254.21	1/4	993.30	1/4	733.70	1/4	472.79	1/4	211.78	1/4		1/4		1/4		1/4	
1/2	1,509.73	1/2	1,248.77	1/2	987.90	1/2	728.26	1/2	467.35	1/2	206.34	1/2		1/2		1/2		1/2	
3/4	1,504.29	3/4	1,243.34	3/4	982.49	3/4	722.83	3/4	461.91	3/4	200.91	3/4		3/4		3/4		3/4	
8	1,498.86	8	1,237.90	8	977.09	8	717.40	8	456.47	8	195.47	8		8		8		8	
1/4	1,493.42	1/4	1,232.46	1/4	971.69	1/4	711.97	1/4	451.04	1/4	190.03	1/4		1/4		1/4		1/4	
1/2	1,487.99	1/2	1,227.02	1/2	966.29	1/2	706.53	1/2	445.60	1/2	184.59	1/2		1/2		1/2		1/2	
3/4	1,482.56	3/4	1,221.58	3/4	960.89	3/4	701.10	3/4	440.16	3/4	179.16	3/4		3/4		3/4		3/4	
9	1,477.12	9	1,216.15	9	955.49	9	695.67	9	434.72	9	173.72	9		9		9		9	
1/4	1,471.69	1/4	1,210.71	1/4	950.08	1/4	690.23	1/4	429.29	1/4	168.28	1/4		1/4		1/4		1/4	
1/2	1,466.25	1/2	1,205.27	1/2	944.68	1/2	684.80	1/2	423.85	1/2	162.84	1/2		1/2		1/2		1/2	
3/4	1,460.82	3/4	1,199.83	3/4	939.28	3/4	679.37	3/4	418.41	3/4	157.41	3/4		3/4		3/4		3/4	
10	1,455.38	10	1,194.39	10	933.88	10	673.94	10	412.97	10	151.97	10		10		10		10	
1/4	1,449.95	1/4	1,188.96	1/4	928.48	1/4	668.50	1/4	407.54	1/4	146.53	1/4		1/4		1/4		1/4	
1/2	1,444.51	1/2	1,183.52	1/2	923.08	1/2	663.07	1/2	402.10	1/2	141.09	1/2		1/2		1/2		1/2	
3/4	1,439.08	3/4	1,178.08	3/4	917.67	3/4	657.64	3/4	396.66	3/4	135.66	3/4		3/4		3/4		3/4	
11	1,433.65	11	1,172.64	11	912.27	11	652.21	11	391.22	11	130.23	11		11		11		11	
1/4	1,428.21	1/4	1,167.20	1/4	906.87	1/4	646.78	1/4	385.78	1/4	124.80	1/4		1/4		1/4		1/4	
1/2	1,422.78	1/2	1,161.77	1/2	901.47	1/2	641.35	1/2	380.35	1/2	119.37	1/2		1/2		1/2		1/2	
3/4	1,417.34	3/4	1,156.33	3/4	896.07	3/4	635.91	3/4	374.91	3/4	113.95	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/2014 CL
CALCULATED: 01/23/2014 CL
VERIFIED: 02/20/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>