



BARGE "KIRBY 12505B"

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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
3 CENTER	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-3/8	- 01-3/8	01-7/8	- 01-7/8	02-3/8	- 02-3/8	02-3/4	- 02-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 176'-06"

November 20, 2023

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

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BARGE "KIRBY 12505B"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	3,910.97	0	3,626.52	0	3,342.07	0	3,057.61	0	2,773.16	0	2,488.71	0	2,204.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,905.05	1/4	3,620.59	1/4	3,336.14	1/4	3,051.69	1/4	2,767.24	1/4	2,482.78	1/4	2,198.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,899.12	1/2	3,614.67	1/2	3,330.22	1/2	3,045.76	1/2	2,761.31	1/2	2,476.86	1/2	2,192.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,893.19	3/4	3,608.74	3/4	3,324.29	3/4	3,039.84	3/4	2,755.38	3/4	2,470.93	3/4	2,186.48
1		1		1		1	3,887.27	1	3,602.82	1	3,318.36	1	3,033.91	1	2,749.46	1	2,465.00	1	2,180.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,881.34	1/4	3,596.89	1/4	3,312.44	1/4	3,027.98	1/4	2,743.53	1/4	2,459.08	1/4	2,174.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,875.42	1/2	3,590.96	1/2	3,306.51	1/2	3,022.06	1/2	2,737.61	1/2	2,453.15	1/2	2,168.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,869.49	3/4	3,585.04	3/4	3,300.58	3/4	3,016.13	3/4	2,731.68	3/4	2,447.23	3/4	2,162.77
2		2		2		2	3,863.56	2	3,579.11	2	3,294.66	2	3,010.21	2	2,725.75	2	2,441.30	2	2,156.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,857.64	1/4	3,573.19	1/4	3,288.73	1/4	3,004.28	1/4	2,719.83	1/4	2,435.37	1/4	2,150.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,851.71	1/2	3,567.26	1/2	3,282.81	1/2	2,998.35	1/2	2,713.90	1/2	2,429.45	1/2	2,145.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,845.79	3/4	3,561.33	3/4	3,276.88	3/4	2,992.43	3/4	2,707.97	3/4	2,423.52	3/4	2,139.07
3		3		3		3	3,839.86	3	3,555.41	3	3,270.95	3	2,986.50	3	2,702.05	3	2,417.60	3	2,133.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,833.93	1/4	3,549.48	1/4	3,265.03	1/4	2,980.58	1/4	2,696.12	1/4	2,411.67	1/4	2,127.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,828.01	1/2	3,543.55	1/2	3,259.10	1/2	2,974.65	1/2	2,690.20	1/2	2,405.74	1/2	2,121.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,822.08	3/4	3,537.63	3/4	3,253.18	3/4	2,968.72	3/4	2,684.27	3/4	2,399.82	3/4	2,115.36
4		4		4		4	3,816.16	4	3,531.70	4	3,247.25	4	2,962.80	4	2,678.34	4	2,393.89	4	2,109.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,810.23	1/4	3,525.78	1/4	3,241.32	1/4	2,956.87	1/4	2,672.42	1/4	2,387.97	1/4	2,103.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,804.30	1/2	3,519.85	1/2	3,235.40	1/2	2,950.94	1/2	2,666.49	1/2	2,382.04	1/2	2,097.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,798.38	3/4	3,513.92	3/4	3,229.47	3/4	2,945.02	3/4	2,660.57	3/4	2,376.11	3/4	2,091.66
5		5		5		5	3,792.45	5	3,508.00	5	3,223.55	5	2,939.09	5	2,654.64	5	2,370.19	5	2,085.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,786.53	1/4	3,502.07	1/4	3,217.62	1/4	2,933.17	1/4	2,648.71	1/4	2,364.26	1/4	2,079.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,780.60	1/2	3,496.15	1/2	3,211.69	1/2	2,927.24	1/2	2,642.79	1/2	2,358.33	1/2	2,073.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,774.67	3/4	3,490.22	3/4	3,205.77	3/4	2,921.31	3/4	2,636.86	3/4	2,352.41	3/4	2,067.96
6		6		6		6	3,768.75	6	3,484.29	6	3,199.84	6	2,915.39	6	2,630.94	6	2,346.48	6	2,062.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,762.82	1/4	3,478.37	1/4	3,193.92	1/4	2,909.46	1/4	2,625.01	1/4	2,340.56	1/4	2,056.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,005.75	1/2	3,756.89	1/2	3,472.44	1/2	3,187.99	1/2	2,903.54	1/2	2,619.08	1/2	2,334.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,004.76	3/4	3,750.97	3/4	3,466.52	3/4	3,182.06	3/4	2,897.61	3/4	2,613.16	3/4	2,328.70
7		7		7		7	4,003.77	7	3,745.04	7	3,460.59	7	3,176.14	7	2,891.68	7	2,607.23	7	2,322.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,002.78	1/4	3,739.12	1/4	3,454.66	1/4	3,170.21	1/4	2,885.76	1/4	2,601.31	1/4	2,316.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,001.80	1/2	3,733.19	1/2	3,448.74	1/2	3,164.28	1/2	2,879.83	1/2	2,595.38	1/2	2,310.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,998.83	3/4	3,727.26	3/4	3,442.81	3/4	3,158.36	3/4	2,873.91	3/4	2,589.45	3/4	2,305.00
8		8		8		8	3,995.87	8	3,721.34	8	3,436.89	8	3,152.43	8	2,867.98	8	2,583.53	8	2,299.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,992.91	1/4	3,715.41	1/4	3,430.96	1/4	3,146.51	1/4	2,862.05	1/4	2,577.60	1/4	2,293.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,989.94	1/2	3,709.49	1/2	3,425.03	1/2	3,140.58	1/2	2,856.13	1/2	2,571.67	1/2	2,287.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,985.02	3/4	3,703.56	3/4	3,419.11	3/4	3,134.65	3/4	2,850.20	3/4	2,565.75	3/4	2,281.30
9		9		9		9	3,980.09	9	3,697.63	9	3,413.18	9	3,128.73	9	2,844.28	9	2,559.82	9	2,275.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,975.16	1/4	3,691.71	1/4	3,407.25	1/4	3,122.80	1/4	2,838.35	1/4	2,553.90	1/4	2,269.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,970.23	1/2	3,685.78	1/2	3,401.33	1/2	3,116.88	1/2	2,832.42	1/2	2,547.97	1/2	2,263.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,964.31	3/4	3,679.86	3/4	3,395.40	3/4	3,110.95	3/4	2,826.50	3/4	2,542.04	3/4	2,257.59
10		10		10		10	3,958.38	10	3,673.93	10	3,389.48	10	3,105.02	10	2,820.57	10	2,536.12	10	2,251.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,952.46	1/4	3,668.00	1/4	3,383.55	1/4	3,099.10	1/4	2,814.64	1/4	2,530.19	1/4	2,245.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,946.53	1/2	3,662.08	1/2	3,377.62	1/2	3,093.17	1/2	2,808.72	1/2	2,524.27	1/2	2,239.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,940.60	3/4	3,656.15	3/4	3,371.70	3/4	3,087.25	3/4	2,802.79	3/4	2,518.34	3/4	2,233.89
11		11		11		11	3,934.68	11	3,650.22	11	3,365.77	11	3,081.32	11	2,796.87	11	2,512.41	11	2,227.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,928.75	1/4	3,644.30	1/4	3,359.85	1/4	3,075.39	1/4	2,790.94	1/4	2,506.49	1/4	2,222.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,922.83	1/2	3,638.37	1/2	3,353.92	1/2	3,069.47	1/2	2,785.01	1/2	2,500.56	1/2	2,216.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,916.90	3/4	3,632.45	3/4	3,347.99	3/4	3,063.54	3/4	2,779.09	3/4	2,494.64	3/4	2,210.18

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 30'-11 1/8" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "KIRBY 12505B"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	1,919.80	0	1,635.35	0	1,350.90	0	1,066.45	0	782.27	0	498.09	0	213.73	0		0			
1/4	1,913.88	1/4	1,629.42	1/4	1,344.97	1/4	1,060.52	1/4	776.35	1/4	492.17	1/4	207.81	1/4		1/4			
1/2	1,907.95	1/2	1,623.50	1/2	1,339.05	1/2	1,054.59	1/2	770.43	1/2	486.25	1/2	201.88	1/2		1/2			
3/4	1,902.03	3/4	1,617.57	3/4	1,333.12	3/4	1,048.67	3/4	764.52	3/4	480.33	3/4	195.96	3/4		3/4			
1	1,896.10	1	1,611.65	1	1,327.19	1	1,042.74	1	758.60	1	474.42	1	190.03	1		1			
1/4	1,890.17	1/4	1,605.72	1/4	1,321.27	1/4	1,036.81	1/4	752.68	1/4	468.50	1/4	184.10	1/4		1/4			
1/2	1,884.25	1/2	1,599.79	1/2	1,315.34	1/2	1,030.89	1/2	746.77	1/2	462.58	1/2	178.18	1/2		1/2			
3/4	1,878.32	3/4	1,593.87	3/4	1,309.42	3/4	1,024.96	3/4	740.85	3/4	456.66	3/4	172.25	3/4		3/4			
2	1,872.39	2	1,587.94	2	1,303.49	2	1,019.04	2	734.93	2	450.74	2	166.33	2		2			
1/4	1,866.47	1/4	1,582.02	1/4	1,297.56	1/4	1,013.11	1/4	729.02	1/4	444.83	1/4	160.40	1/4		1/4			
1/2	1,860.54	1/2	1,576.09	1/2	1,291.64	1/2	1,007.18	1/2	723.10	1/2	438.91	1/2	154.48	1/2		1/2			
3/4	1,854.62	3/4	1,570.16	3/4	1,285.71	3/4	1,001.26	3/4	717.17	3/4	432.98	3/4	148.55	3/4		3/4			
3	1,848.69	3	1,564.24	3	1,279.78	3	995.33	3	711.25	3	427.06	3	142.62	3		3			
1/4	1,842.76	1/4	1,558.31	1/4	1,273.86	1/4	989.41	1/4	705.32	1/4	421.13	1/4	136.70	1/4		1/4			
1/2	1,836.84	1/2	1,552.39	1/2	1,267.93	1/2	983.48	1/2	699.40	1/2	415.21	1/2	130.77	1/2		1/2			
3/4	1,830.91	3/4	1,546.46	3/4	1,262.01	3/4	977.55	3/4	693.47	3/4	409.28	3/4	124.85	3/4		3/4			
4	1,824.99	4	1,540.53	4	1,256.08	4	971.63	4	687.54	4	403.35	4	118.92	4		4			
1/4	1,819.06	1/4	1,534.61	1/4	1,250.15	1/4	965.70	1/4	681.62	1/4	397.43	1/4	113.00	1/4		1/4			
1/2	1,813.13	1/2	1,528.68	1/2	1,244.23	1/2	959.78	1/2	675.69	1/2	391.50	1/2	107.07	1/2		1/2			
3/4	1,807.21	3/4	1,522.75	3/4	1,238.30	3/4	953.86	3/4	669.77	3/4	385.58	3/4	101.14	3/4		3/4			
5	1,801.28	5	1,516.83	5	1,232.38	5	947.94	5	663.84	5	379.65	5	95.22	5		5			
1/4	1,795.36	1/4	1,510.90	1/4	1,226.45	1/4	942.02	1/4	657.91	1/4	373.73	1/4	89.29	1/4		1/4			
1/2	1,789.43	1/2	1,504.98	1/2	1,220.52	1/2	936.11	1/2	651.99	1/2	367.80	1/2	83.37	1/2		1/2			
3/4	1,783.50	3/4	1,499.05	3/4	1,214.60	3/4	930.19	3/4	646.06	3/4	361.87	3/4	77.44	3/4		3/4			
6	1,777.58	6	1,493.12	6	1,208.67	6	924.27	6	640.14	6	355.95	6	71.52	6		6			
1/4	1,771.65	1/4	1,487.20	1/4	1,202.75	1/4	918.36	1/4	634.21	1/4	350.02	1/4	65.59	1/4		1/4			
1/2	1,765.72	1/2	1,481.27	1/2	1,196.82	1/2	912.44	1/2	628.28	1/2	344.10	1/2	59.66	1/2		1/2			
3/4	1,759.80	3/4	1,475.35	3/4	1,190.89	3/4	906.52	3/4	622.37	3/4	338.17	3/4	53.74	3/4		3/4			
7	1,753.87	7	1,469.42	7	1,184.97	7	900.61	7	616.45	7	332.25	7	47.81	7		7			
1/4	1,747.95	1/4	1,463.49	1/4	1,179.04	1/4	894.69	1/4	610.53	1/4	326.32	1/4	41.89	1/4		1/4			
1/2	1,742.02	1/2	1,457.57	1/2	1,173.11	1/2	888.77	1/2	604.61	1/2	320.39	1/2	35.96	1/2		1/2			
3/4	1,736.09	3/4	1,451.64	3/4	1,167.19	3/4	882.86	3/4	598.69	3/4	314.47	3/4	31.02	3/4		3/4			
8	1,730.17	8	1,445.72	8	1,161.26	8	876.94	8	592.78	8	308.54	8	26.09	8		8			
1/4	1,724.24	1/4	1,439.79	1/4	1,155.34	1/4	871.02	1/4	586.86	1/4	302.62	1/4	21.15	1/4		1/4			
1/2	1,718.32	1/2	1,433.86	1/2	1,149.41	1/2	865.10	1/2	580.94	1/2	296.69	1/2	16.21	1/2		1/2			
3/4	1,712.39	3/4	1,427.94	3/4	1,143.48	3/4	859.19	3/4	575.02	3/4	290.77	3/4	13.25	3/4		3/4			
9	1,706.46	9	1,422.01	9	1,137.56	9	853.27	9	569.10	9	284.84	9	10.28	9		9			
1/4	1,700.54	1/4	1,416.09	1/4	1,131.63	1/4	847.35	1/4	563.19	1/4	278.92	1/4	7.32	1/4		1/4			
1/2	1,694.61	1/2	1,410.16	1/2	1,125.71	1/2	841.44	1/2	557.27	1/2	272.99	1/2	4.36	1/2		1/2			
3/4	1,688.69	3/4	1,404.23	3/4	1,119.78	3/4	835.52	3/4	551.35	3/4	267.06	3/4	3.37	3/4		3/4			
10	1,682.76	10	1,398.31	10	1,113.85	10	829.60	10	545.43	10	261.14	10	2.38	10		10			
1/4	1,676.83	1/4	1,392.38	1/4	1,107.93	1/4	823.69	1/4	539.51	1/4	255.21	1/4	1.40	1/4		1/4			
1/2	1,670.91	1/2	1,386.45	1/2	1,102.00	1/2	817.77	1/2	533.60	1/2	249.29	1/2	0.41	1/2		1/2			
3/4	1,664.98	3/4	1,380.53	3/4	1,096.08	3/4	811.85	3/4	527.68	3/4	243.36	3/4		3/4		3/4			
11	1,659.06	11	1,374.60	11	1,090.15	11	805.94	11	521.76	11	237.44	11		11		11			
1/4	1,653.13	1/4	1,368.68	1/4	1,084.22	1/4	800.02	1/4	515.84	1/4	231.51	1/4		1/4		1/4			
1/2	1,647.20	1/2	1,362.75	1/2	1,078.30	1/2	794.10	1/2	509.92	1/2	225.58	1/2		1/2		1/2			
3/4	1,641.28	3/4	1,356.82	3/4	1,072.37	3/4	788.19	3/4	504.01	3/4	219.66	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/04/2008 CL
RECALCULATED: 08/22/2023 CL
VERIFIED : 11/20/23

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 12505B"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	3,935.17	0	3,648.93	0	3,362.68	0	3,076.44	0	2,790.20	0	2,503.95	0	2,217.71
1/4		1/4		1/4		1/4	3,929.21	1/4	3,642.96	1/4	3,356.72	1/4	3,070.48	1/4	2,784.23	1/4	2,497.99	1/4	2,211.75
1/2		1/2		1/2		1/2	3,923.24	1/2	3,637.00	1/2	3,350.76	1/2	3,064.51	1/2	2,778.27	1/2	2,492.03	1/2	2,205.78
3/4		3/4		3/4		3/4	3,917.28	3/4	3,631.04	3/4	3,344.79	3/4	3,058.55	3/4	2,772.31	3/4	2,486.06	3/4	2,199.82
1		1		1		1	3,911.32	1	3,625.07	1	3,338.83	1	3,052.59	1	2,766.34	1	2,480.10	1	2,193.86
1/4		1/4		1/4		1/4	3,905.35	1/4	3,619.11	1/4	3,332.87	1/4	3,046.62	1/4	2,760.38	1/4	2,474.14	1/4	2,187.89
1/2		1/2		1/2		1/2	3,899.39	1/2	3,613.15	1/2	3,326.90	1/2	3,040.66	1/2	2,754.42	1/2	2,468.17	1/2	2,181.93
3/4		3/4		3/4		3/4	3,893.43	3/4	3,607.18	3/4	3,320.94	3/4	3,034.70	3/4	2,748.45	3/4	2,462.21	3/4	2,175.97
2		2		2		2	3,887.46	2	3,601.22	2	3,314.98	2	3,028.73	2	2,742.49	2	2,456.25	2	2,170.00
1/4		1/4		1/4		1/4	3,881.50	1/4	3,595.26	1/4	3,309.01	1/4	3,022.77	1/4	2,736.53	1/4	2,450.28	1/4	2,164.04
1/2		1/2		1/2		1/2	3,875.54	1/2	3,589.29	1/2	3,303.05	1/2	3,016.81	1/2	2,730.56	1/2	2,444.32	1/2	2,158.08
3/4		3/4		3/4		3/4	3,869.57	3/4	3,583.33	3/4	3,297.09	3/4	3,010.84	3/4	2,724.60	3/4	2,438.36	3/4	2,152.11
3		3		3		3	3,863.61	3	3,577.37	3	3,291.12	3	3,004.88	3	2,718.64	3	2,432.39	3	2,146.15
1/4		1/4		1/4		1/4	3,857.65	1/4	3,571.40	1/4	3,285.16	1/4	2,998.92	1/4	2,712.67	1/4	2,426.43	1/4	2,140.19
1/2		1/2		1/2		1/2	3,851.68	1/2	3,565.44	1/2	3,279.20	1/2	2,992.95	1/2	2,706.71	1/2	2,420.47	1/2	2,134.22
3/4		3/4		3/4		3/4	3,845.72	3/4	3,559.48	3/4	3,273.23	3/4	2,986.99	3/4	2,700.75	3/4	2,414.50	3/4	2,128.26
4		4		4		4	3,839.76	4	3,553.51	4	3,267.27	4	2,981.03	4	2,694.78	4	2,408.54	4	2,122.30
1/4		1/4		1/4		1/4	3,833.79	1/4	3,547.55	1/4	3,261.31	1/4	2,975.06	1/4	2,688.82	1/4	2,402.58	1/4	2,116.33
1/2		1/2		1/2		1/2	3,827.83	1/2	3,541.59	1/2	3,255.34	1/2	2,969.10	1/2	2,682.86	1/2	2,396.61	1/2	2,110.37
3/4		3/4		3/4		3/4	3,821.87	3/4	3,535.62	3/4	3,249.38	3/4	2,963.14	3/4	2,676.89	3/4	2,390.65	3/4	2,104.41
5		5		5		5	3,815.90	5	3,529.66	5	3,243.42	5	2,957.17	5	2,670.93	5	2,384.69	5	2,098.44
1/4		1/4		1/4		1/4	3,809.94	1/4	3,523.70	1/4	3,237.45	1/4	2,951.21	1/4	2,664.97	1/4	2,378.72	1/4	2,092.48
1/2		1/2		1/2		1/2	3,803.98	1/2	3,517.73	1/2	3,231.49	1/2	2,945.25	1/2	2,659.00	1/2	2,372.76	1/2	2,086.52
3/4		3/4		3/4		3/4	3,798.01	3/4	3,511.77	3/4	3,225.53	3/4	2,939.28	3/4	2,653.04	3/4	2,366.80	3/4	2,080.55
6		6		6		6	3,792.05	6	3,505.81	6	3,219.56	6	2,933.32	6	2,647.08	6	2,360.83	6	2,074.59
1/4		1/4		1/4		1/4	3,786.09	1/4	3,499.84	1/4	3,213.60	1/4	2,927.36	1/4	2,641.11	1/4	2,354.87	1/4	2,068.63
1/2		1/2		1/2		1/2	3,780.12	1/2	3,493.88	1/2	3,207.64	1/2	2,921.39	1/2	2,635.15	1/2	2,348.91	1/2	2,062.66
3/4		3/4		3/4	4,024.64	3/4	3,774.16	3/4	3,487.92	3/4	3,201.67	3/4	2,915.43	3/4	2,629.19	3/4	2,342.94	3/4	2,056.70
7		7		7	4,023.64	7	3,768.20	7	3,481.95	7	3,195.71	7	2,909.47	7	2,623.22	7	2,336.98	7	2,050.74
1/4		1/4		1/4	4,022.65	1/4	3,762.23	1/4	3,475.99	1/4	3,189.75	1/4	2,903.50	1/4	2,617.26	1/4	2,331.02	1/4	2,044.77
1/2		1/2		1/2	4,021.65	1/2	3,756.27	1/2	3,470.03	1/2	3,183.78	1/2	2,897.54	1/2	2,611.30	1/2	2,325.05	1/2	2,038.81
3/4		3/4		3/4	4,020.66	3/4	3,750.31	3/4	3,464.06	3/4	3,177.82	3/4	2,891.58	3/4	2,605.33	3/4	2,319.09	3/4	2,032.85
8		8		8	4,017.68	8	3,744.34	8	3,458.10	8	3,171.86	8	2,885.61	8	2,599.37	8	2,313.13	8	2,026.88
1/4		1/4		1/4	4,014.70	1/4	3,738.38	1/4	3,452.14	1/4	3,165.89	1/4	2,879.65	1/4	2,593.41	1/4	2,307.16	1/4	2,020.92
1/2		1/2		1/2	4,011.72	1/2	3,732.42	1/2	3,446.17	1/2	3,159.93	1/2	2,873.69	1/2	2,587.44	1/2	2,301.20	1/2	2,014.96
3/4		3/4		3/4	4,008.73	3/4	3,726.45	3/4	3,440.21	3/4	3,153.97	3/4	2,867.72	3/4	2,581.48	3/4	2,295.24	3/4	2,008.99
9		9		9	4,003.76	9	3,720.49	9	3,434.25	9	3,148.00	9	2,861.76	9	2,575.52	9	2,289.27	9	2,003.03
1/4		1/4		1/4	3,998.79	1/4	3,714.53	1/4	3,428.28	1/4	3,142.04	1/4	2,855.80	1/4	2,569.55	1/4	2,283.31	1/4	1,997.07
1/2		1/2		1/2	3,993.81	1/2	3,708.56	1/2	3,422.32	1/2	3,136.08	1/2	2,849.83	1/2	2,563.59	1/2	2,277.35	1/2	1,991.10
3/4		3/4		3/4	3,988.84	3/4	3,702.60	3/4	3,416.36	3/4	3,130.11	3/4	2,843.87	3/4	2,557.63	3/4	2,271.38	3/4	1,985.14
10		10		10	3,982.88	10	3,696.64	10	3,410.39	10	3,124.15	10	2,837.91	10	2,551.66	10	2,265.42	10	1,979.18
1/4		1/4		1/4	3,976.91	1/4	3,690.67	1/4	3,404.43	1/4	3,118.19	1/4	2,831.94	1/4	2,545.70	1/4	2,259.46	1/4	1,973.21
1/2		1/2		1/2	3,970.95	1/2	3,684.71	1/2	3,398.46	1/2	3,112.22	1/2	2,825.98	1/2	2,539.74	1/2	2,253.49	1/2	1,967.25
3/4		3/4		3/4	3,964.99	3/4	3,678.74	3/4	3,392.50	3/4	3,106.26	3/4	2,820.02	3/4	2,533.77	3/4	2,247.53	3/4	1,961.29
11		11		11	3,959.02	11	3,672.78	11	3,386.54	11	3,100.29	11	2,814.05	11	2,527.81	11	2,241.57	11	1,955.32
1/4		1/4		1/4	3,953.06	1/4	3,666.82	1/4	3,380.57	1/4	3,094.33	1/4	2,808.09	1/4	2,521.85	1/4	2,235.60	1/4	1,949.36
1/2		1/2		1/2	3,947.10	1/2	3,660.85	1/2	3,374.61	1/2	3,088.37	1/2	2,802.12	1/2	2,515.88	1/2	2,229.64	1/2	1,943.40
3/4		3/4		3/4	3,941.13	3/4	3,654.89	3/4	3,368.65	3/4	3,082.40	3/4	2,796.16	3/4	2,509.92	3/4	2,223.68	3/4	1,937.43

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 30'-06 5/8" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 12505B"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

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	1,931.47	0	1,645.23	0	1,358.98	0	1,072.74	0	788.44	0	505.59	0	221.03	0		0			
1/4	1,925.51	1/4	1,639.26	1/4	1,353.02	1/4	1,066.78	1/4	782.54	1/4	499.71	1/4	215.06	1/4		1/4			
1/2	1,919.54	1/2	1,633.30	1/2	1,347.06	1/2	1,060.81	1/2	776.65	1/2	493.82	1/2	209.10	1/2		1/2			
3/4	1,913.58	3/4	1,627.34	3/4	1,341.09	3/4	1,054.85	3/4	770.75	3/4	487.93	3/4	203.14	3/4		3/4			
1	1,907.61	1	1,621.37	1	1,335.13	1	1,048.89	1	764.85	1	482.04	1	197.17	1		1			
1/4	1,901.65	1/4	1,615.41	1/4	1,329.17	1/4	1,042.92	1/4	758.96	1/4	476.16	1/4	191.21	1/4		1/4			
1/2	1,895.69	1/2	1,609.44	1/2	1,323.20	1/2	1,036.96	1/2	753.06	1/2	470.27	1/2	185.25	1/2		1/2			
3/4	1,889.72	3/4	1,603.48	3/4	1,317.24	3/4	1,031.00	3/4	747.16	3/4	464.38	3/4	179.29	3/4		3/4			
2	1,883.76	2	1,597.52	2	1,311.27	2	1,025.03	2	741.27	2	458.50	2	173.32	2		2			
1/4	1,877.80	1/4	1,591.55	1/4	1,305.31	1/4	1,019.07	1/4	735.37	1/4	452.61	1/4	167.36	1/4		1/4			
1/2	1,871.83	1/2	1,585.59	1/2	1,299.35	1/2	1,013.10	1/2	729.47	1/2	446.72	1/2	161.40	1/2		1/2			
3/4	1,865.87	3/4	1,579.63	3/4	1,293.38	3/4	1,007.14	3/4	723.58	3/4	440.84	3/4	155.44	3/4		3/4			
3	1,859.91	3	1,573.66	3	1,287.42	3	1,001.18	3	717.68	3	434.94	3	149.47	3		3			
1/4	1,853.94	1/4	1,567.70	1/4	1,281.46	1/4	995.21	1/4	711.79	1/4	429.05	1/4	143.51	1/4		1/4			
1/2	1,847.98	1/2	1,561.74	1/2	1,275.49	1/2	989.25	1/2	705.89	1/2	423.15	1/2	137.55	1/2		1/2			
3/4	1,842.02	3/4	1,555.77	3/4	1,269.53	3/4	983.29	3/4	699.99	3/4	417.26	3/4	131.58	3/4		3/4			
4	1,836.05	4	1,549.81	4	1,263.57	4	977.32	4	694.10	4	411.36	4	125.62	4		4			
1/4	1,830.09	1/4	1,543.85	1/4	1,257.60	1/4	971.36	1/4	688.20	1/4	405.47	1/4	119.66	1/4		1/4			
1/2	1,824.13	1/2	1,537.88	1/2	1,251.64	1/2	965.40	1/2	682.30	1/2	399.57	1/2	113.70	1/2		1/2			
3/4	1,818.16	3/4	1,531.92	3/4	1,245.68	3/4	959.43	3/4	676.41	3/4	393.68	3/4	107.73	3/4		3/4			
5	1,812.20	5	1,525.96	5	1,239.71	5	953.54	5	670.51	5	387.78	5	101.77	5		5			
1/4	1,806.24	1/4	1,519.99	1/4	1,233.75	1/4	947.64	1/4	664.61	1/4	381.89	1/4	95.81	1/4		1/4			
1/2	1,800.27	1/2	1,514.03	1/2	1,227.79	1/2	941.75	1/2	658.72	1/2	375.99	1/2	89.84	1/2		1/2			
3/4	1,794.31	3/4	1,508.07	3/4	1,221.82	3/4	935.85	3/4	652.82	3/4	370.10	3/4	83.88	3/4		3/4			
6	1,788.35	6	1,502.10	6	1,215.86	6	929.95	6	646.93	6	364.13	6	77.92	6		6			
1/4	1,782.38	1/4	1,496.14	1/4	1,209.90	1/4	924.06	1/4	641.03	1/4	358.17	1/4	71.96	1/4		1/4			
1/2	1,776.42	1/2	1,490.18	1/2	1,203.93	1/2	918.16	1/2	635.13	1/2	352.21	1/2	65.99	1/2		1/2			
3/4	1,770.46	3/4	1,484.21	3/4	1,197.97	3/4	912.26	3/4	629.24	3/4	346.24	3/4	60.03	3/4		3/4			
7	1,764.49	7	1,478.25	7	1,192.01	7	906.37	7	623.35	7	340.28	7	54.07	7		7			
1/4	1,758.53	1/4	1,472.29	1/4	1,186.04	1/4	900.47	1/4	617.46	1/4	334.32	1/4	48.10	1/4		1/4			
1/2	1,752.57	1/2	1,466.32	1/2	1,180.08	1/2	894.57	1/2	611.57	1/2	328.36	1/2	42.14	1/2		1/2			
3/4	1,746.60	3/4	1,460.36	3/4	1,174.12	3/4	888.68	3/4	605.68	3/4	322.39	3/4	36.18	3/4		3/4			
8	1,740.64	8	1,454.40	8	1,168.15	8	882.78	8	599.80	8	316.43	8	31.21	8		8			
1/4	1,734.68	1/4	1,448.43	1/4	1,162.19	1/4	876.88	1/4	593.91	1/4	310.47	1/4	26.24	1/4		1/4			
1/2	1,728.71	1/2	1,442.47	1/2	1,156.23	1/2	870.99	1/2	588.02	1/2	304.51	1/2	21.27	1/2		1/2			
3/4	1,722.75	3/4	1,436.51	3/4	1,150.26	3/4	865.09	3/4	582.13	3/4	298.54	3/4	16.30	3/4		3/4			
9	1,716.79	9	1,430.54	9	1,144.30	9	859.20	9	576.24	9	292.58	9	13.32	9		9			
1/4	1,710.82	1/4	1,424.58	1/4	1,138.34	1/4	853.30	1/4	570.36	1/4	286.62	1/4	10.34	1/4		1/4			
1/2	1,704.86	1/2	1,418.62	1/2	1,132.37	1/2	847.40	1/2	564.47	1/2	280.65	1/2	7.36	1/2		1/2			
3/4	1,698.90	3/4	1,412.65	3/4	1,126.41	3/4	841.51	3/4	558.58	3/4	274.69	3/4	4.38	3/4		3/4			
10	1,692.93	10	1,406.69	10	1,120.45	10	835.61	10	552.69	10	268.73	10	3.39	10		10			
1/4	1,686.97	1/4	1,400.73	1/4	1,114.48	1/4	829.71	1/4	546.80	1/4	262.77	1/4	2.39	1/4		1/4			
1/2	1,681.01	1/2	1,394.76	1/2	1,108.52	1/2	823.82	1/2	540.92	1/2	256.80	1/2	1.40	1/2		1/2			
3/4	1,675.04	3/4	1,388.80	3/4	1,102.56	3/4	817.92	3/4	535.03	3/4	250.84	3/4	0.41	3/4		3/4			
11	1,669.08	11	1,382.84	11	1,096.59	11	812.02	11	529.14	11	244.88	11		11		11			
1/4	1,663.12	1/4	1,376.87	1/4	1,090.63	1/4	806.13	1/4	523.25	1/4	238.91	1/4		1/4		1/4			
1/2	1,657.15	1/2	1,370.91	1/2	1,084.67	1/2	800.23	1/2	517.37	1/2	232.95	1/2		1/2		1/2			
3/4	1,651.19	3/4	1,364.95	3/4	1,078.70	3/4	794.34	3/4	511.48	3/4	226.99	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/04/2008 CL
RECALCULATED: 08/22/2023 CL
VERIFIED: 11/20/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/20/2023

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



BARGE "KIRBY 12505B"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	3,765.95	0	3,532.21	0	3,298.47	0	3,064.72	0	2,799.11	0	2,512.26	0	2,225.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,761.08	1/4	3,527.34	1/4	3,293.60	1/4	3,059.85	1/4	2,793.14	1/4	2,506.28	1/4	2,219.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,756.21	1/2	3,522.47	1/2	3,288.73	1/2	3,054.99	1/2	2,787.16	1/2	2,500.30	1/2	2,213.17		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,751.34	3/4	3,517.60	3/4	3,283.86	3/4	3,050.12	3/4	2,781.18	3/4	2,494.33	3/4	2,207.19		
1		1		1		1	3,746.47	1	3,512.73	1	3,278.99	1	3,045.25	1	2,775.21	1	2,488.35	1	2,201.21		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,741.60	1/4	3,507.86	1/4	3,274.12	1/4	3,040.38	1/4	2,769.23	1/4	2,482.37	1/4	2,195.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,736.73	1/2	3,502.99	1/2	3,269.25	1/2	3,035.51	1/2	2,763.25	1/2	2,476.39	1/2	2,189.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,731.86	3/4	3,498.12	3/4	3,264.38	3/4	3,030.64	3/4	2,757.28	3/4	2,470.42	3/4	2,183.25		
2		2		2		2	3,726.99	2	3,493.25	2	3,259.51	2	3,025.79	2	2,751.30	2	2,464.44	2	2,177.27		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,722.12	1/4	3,488.38	1/4	3,254.64	1/4	3,020.94	1/4	2,745.32	1/4	2,458.46	1/4	2,171.29		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,717.25	1/2	3,483.51	1/2	3,249.77	1/2	3,016.09	1/2	2,739.35	1/2	2,452.49	1/2	2,165.30		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,712.38	3/4	3,478.64	3/4	3,244.90	3/4	3,011.24	3/4	2,733.37	3/4	2,446.51	3/4	2,159.32		
3		3		3		3	3,707.51	3	3,473.77	3	3,240.03	3	3,006.38	3	2,727.39	3	2,440.53	3	2,153.34		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,702.64	1/4	3,468.90	1/4	3,235.16	1/4	3,001.53	1/4	2,721.42	1/4	2,434.55	1/4	2,147.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,697.77	1/2	3,464.03	1/2	3,230.29	1/2	2,996.68	1/2	2,715.44	1/2	2,428.58	1/2	2,141.37		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,692.90	3/4	3,459.16	3/4	3,225.42	3/4	2,991.83	3/4	2,709.47	3/4	2,422.60	3/4	2,135.39		
4		4		4		4	3,688.03	4	3,454.29	4	3,220.55	4	2,986.98	4	2,703.49	4	2,416.62	4	2,129.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,683.16	1/4	3,449.42	1/4	3,215.68	1/4	2,982.13	1/4	2,697.51	1/4	2,410.63	1/4	2,123.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,678.29	1/2	3,444.55	1/2	3,210.81	1/2	2,977.28	1/2	2,691.54	1/2	2,404.65	1/2	2,117.44		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,673.42	3/4	3,439.68	3/4	3,205.94	3/4	2,972.43	3/4	2,685.56	3/4	2,398.66	3/4	2,111.45		
5		5		5		5	3,668.55	5	3,434.81	5	3,201.07	5	2,966.45	5	2,679.58	5	2,392.68	5	2,105.47		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,663.69	1/4	3,429.94	1/4	3,196.20	1/4	2,960.48	1/4	2,673.61	1/4	2,386.70	1/4	2,099.48		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,658.82	1/2	3,425.07	1/2	3,191.33	1/2	2,954.50	1/2	2,667.63	1/2	2,380.71	1/2	2,093.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,653.95	3/4	3,420.21	3/4	3,186.46	3/4	2,948.53	3/4	2,661.65	3/4	2,374.73	3/4	2,087.52		
6		6		6		6	3,649.08	6	3,415.34	6	3,181.59	6	2,942.55	6	2,655.68	6	2,368.75	6	2,081.53		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,644.21	1/4	3,410.47	1/4	3,176.73	1/4	2,936.57	1/4	2,649.70	1/4	2,362.76	1/4	2,075.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,639.34	1/2	3,405.60	1/2	3,171.86	1/2	2,930.60	1/2	2,643.72	1/2	2,356.78	1/2	2,069.57		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,634.47	3/4	3,400.73	3/4	3,166.99	3/4	2,924.62	3/4	2,637.75	3/4	2,350.80	3/4	2,063.58		
7		7		7		7	3,845.74	7	3,629.60	7	3,395.86	7	3,162.12	7	2,918.64	7	2,631.77	7	2,344.81	7	2,057.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,843.74	1/4	3,624.73	1/4	3,390.99	1/4	3,157.25	1/4	2,912.67	1/4	2,625.79	1/4	2,338.83	1/4	2,051.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,842.74	1/2	3,619.86	1/2	3,386.12	1/2	3,152.38	1/2	2,906.69	1/2	2,619.82	1/2	2,332.84	1/2	2,045.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,841.75	3/4	3,614.99	3/4	3,381.25	3/4	3,147.51	3/4	2,900.71	3/4	2,613.84	3/4	2,326.86	3/4	2,039.65
8		8		8		8	3,838.75	8	3,610.12	8	3,376.38	8	3,142.64	8	2,894.74	8	2,607.86	8	2,320.88	8	2,033.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,835.75	1/4	3,605.25	1/4	3,371.51	1/4	3,137.77	1/4	2,888.76	1/4	2,601.89	1/4	2,314.89	1/4	2,027.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,832.75	1/2	3,600.38	1/2	3,366.64	1/2	3,132.90	1/2	2,882.78	1/2	2,595.91	1/2	2,308.91	1/2	2,021.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,829.75	3/4	3,595.51	3/4	3,361.77	3/4	3,128.03	3/4	2,876.81	3/4	2,589.94	3/4	2,302.93	3/4	2,015.81
9		9		9		9	3,824.76	9	3,590.64	9	3,356.90	9	3,123.16	9	2,870.83	9	2,583.96	9	2,296.94	9	2,009.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,819.76	1/4	3,585.77	1/4	3,352.03	1/4	3,118.29	1/4	2,864.85	1/4	2,577.98	1/4	2,290.96	1/4	2,003.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,814.77	1/2	3,580.90	1/2	3,347.16	1/2	3,113.42	1/2	2,858.88	1/2	2,572.01	1/2	2,284.98	1/2	1,997.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,809.77	3/4	3,576.03	3/4	3,342.29	3/4	3,108.55	3/4	2,852.90	3/4	2,566.03	3/4	2,278.99	3/4	1,991.96
10		10		10		10	3,804.90	10	3,571.16	10	3,337.42	10	3,103.68	10	2,846.92	10	2,560.06	10	2,273.01	10	1,986.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,800.03	1/4	3,566.29	1/4	3,332.55	1/4	3,098.81	1/4	2,840.95	1/4	2,554.09	1/4	2,267.03	1/4	1,980.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,795.16	1/2	3,561.42	1/2	3,327.68	1/2	3,093.94	1/2	2,834.97	1/2	2,548.12	1/2	2,261.04	1/2	1,974.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,790.29	3/4	3,556.55	3/4	3,322.81	3/4	3,089.07	3/4	2,829.00	3/4	2,542.14	3/4	2,255.06	3/4	1,968.12
11		11		11		11	3,785.43	11	3,551.68	11	3,317.94	11	3,084.20	11	2,823.02	11	2,536.17	11	2,249.07	11	1,962.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,780.56	1/4	3,546.81	1/4	3,313.07	1/4	3,079.33	1/4	2,817.04	1/4	2,530.19	1/4	2,243.09	1/4	1,956.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,775.69	1/2	3,541.95	1/2	3,308.20	1/2	3,074.46	1/2	2,811.07	1/2	2,524.21	1/2	2,237.11	1/2	1,950.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,770.82	3/4	3,537.08	3/4	3,303.33	3/4	3,069.59	3/4	2,805.09	3/4	2,518.24	3/4	2,231.12	3/4	1,944.28

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 36'-10 1/2" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 12505B"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

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	1,938.32	0	1,651.63	0	1,364.42	0	1,077.46	0	795.08	0	509.71	0	222.21	0		0		0	
1/4	1,932.36	1/4	1,645.65	1/4	1,358.44	1/4	1,071.49	1/4	789.26	1/4	503.73	1/4	216.22	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,926.40	1/2	1,639.67	1/2	1,352.46	1/2	1,065.52	1/2	783.44	1/2	497.76	1/2	210.22	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,920.43	3/4	1,633.68	3/4	1,346.47	3/4	1,059.54	3/4	777.62	3/4	491.78	3/4	204.23	3/4	3/4	3/4	3/4	3/4	3/4
1	1,914.47	1	1,627.70	1	1,340.49	1	1,053.57	1	771.80	1	485.80	1	198.23	1	1	1	1	1	1
1/4	1,908.51	1/4	1,621.72	1/4	1,334.51	1/4	1,047.60	1/4	765.98	1/4	479.83	1/4	192.24	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,902.55	1/2	1,615.73	1/2	1,328.52	1/2	1,041.62	1/2	760.16	1/2	473.85	1/2	186.24	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,896.59	3/4	1,609.75	3/4	1,322.54	3/4	1,035.65	3/4	754.34	3/4	467.88	3/4	180.25	3/4	3/4	3/4	3/4	3/4	3/4
2	1,890.63	2	1,603.76	2	1,316.56	2	1,029.66	2	748.52	2	461.90	2	174.26	2	2	2	2	2	2
1/4	1,884.67	1/4	1,597.78	1/4	1,310.57	1/4	1,023.68	1/4	742.70	1/4	455.93	1/4	168.26	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,878.71	1/2	1,591.80	1/2	1,304.59	1/2	1,017.69	1/2	736.88	1/2	449.95	1/2	162.27	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,872.75	3/4	1,585.81	3/4	1,298.61	3/4	1,011.71	3/4	731.07	3/4	443.97	3/4	156.27	3/4	3/4	3/4	3/4	3/4	3/4
3	1,866.79	3	1,579.83	3	1,292.62	3	1,005.72	3	725.08	3	437.99	3	150.28	3	3	3	3	3	3
1/4	1,860.83	1/4	1,573.85	1/4	1,286.64	1/4	999.74	1/4	719.09	1/4	432.00	1/4	144.28	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,854.87	1/2	1,567.86	1/2	1,280.66	1/2	993.75	1/2	713.10	1/2	426.02	1/2	138.29	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,848.91	3/4	1,561.88	3/4	1,274.67	3/4	987.77	3/4	707.12	3/4	420.03	3/4	132.29	3/4	3/4	3/4	3/4	3/4	3/4
4	1,842.95	4	1,555.90	4	1,268.69	4	981.78	4	701.13	4	414.04	4	126.30	4	4	4	4	4	4
1/4	1,836.98	1/4	1,549.91	1/4	1,262.71	1/4	975.80	1/4	695.14	1/4	408.05	1/4	120.30	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,831.02	1/2	1,543.93	1/2	1,256.72	1/2	969.81	1/2	689.15	1/2	402.06	1/2	114.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,825.06	3/4	1,537.95	3/4	1,250.74	3/4	963.83	3/4	683.17	3/4	396.07	3/4	108.31	3/4	3/4	3/4	3/4	3/4	3/4
5	1,819.10	5	1,531.96	5	1,244.75	5	958.01	5	677.18	5	390.07	5	102.32	5	5	5	5	5	5
1/4	1,813.14	1/4	1,525.98	1/4	1,238.77	1/4	952.19	1/4	671.19	1/4	384.08	1/4	96.32	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,807.18	1/2	1,520.00	1/2	1,232.79	1/2	946.37	1/2	665.20	1/2	378.08	1/2	90.33	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,801.22	3/4	1,514.01	3/4	1,226.80	3/4	940.55	3/4	659.22	3/4	372.09	3/4	84.33	3/4	3/4	3/4	3/4	3/4	3/4
6	1,795.24	6	1,508.03	6	1,220.83	6	934.73	6	653.23	6	366.09	6	78.34	6	6	6	6	6	6
1/4	1,789.25	1/4	1,502.05	1/4	1,214.86	1/4	928.91	1/4	647.24	1/4	360.10	1/4	72.34	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,783.27	1/2	1,496.06	1/2	1,208.88	1/2	923.10	1/2	641.25	1/2	354.10	1/2	66.35	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,777.29	3/4	1,490.08	3/4	1,202.91	3/4	917.28	3/4	635.27	3/4	348.11	3/4	60.35	3/4	3/4	3/4	3/4	3/4	3/4
7	1,771.30	7	1,484.09	7	1,196.94	7	911.46	7	629.29	7	342.11	7	54.36	7	7	7	7	7	7
1/4	1,765.32	1/4	1,478.11	1/4	1,190.96	1/4	905.64	1/4	623.31	1/4	336.12	1/4	48.36	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,759.34	1/2	1,472.13	1/2	1,184.99	1/2	899.82	1/2	617.33	1/2	330.12	1/2	42.37	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,753.35	3/4	1,466.14	3/4	1,179.02	3/4	894.00	3/4	611.35	3/4	324.13	3/4	36.37	3/4	3/4	3/4	3/4	3/4	3/4
8	1,747.37	8	1,460.16	8	1,173.04	8	888.18	8	605.37	8	318.13	8	31.38	8	8	8	8	8	8
1/4	1,741.39	1/4	1,454.18	1/4	1,167.07	1/4	882.36	1/4	599.39	1/4	312.14	1/4	26.38	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,735.40	1/2	1,448.19	1/2	1,161.09	1/2	876.54	1/2	593.41	1/2	306.14	1/2	21.39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,729.42	3/4	1,442.21	3/4	1,155.12	3/4	870.72	3/4	587.43	3/4	300.15	3/4	16.39	3/4	3/4	3/4	3/4	3/4	3/4
9	1,723.43	9	1,436.23	9	1,149.15	9	864.90	9	581.45	9	294.15	9	13.39	9	9	9	9	9	9
1/4	1,717.45	1/4	1,430.24	1/4	1,143.17	1/4	859.09	1/4	575.48	1/4	288.16	1/4	10.40	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,711.47	1/2	1,424.26	1/2	1,137.20	1/2	853.27	1/2	569.50	1/2	282.16	1/2	7.40	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,705.48	3/4	1,418.28	3/4	1,131.23	3/4	847.45	3/4	563.52	3/4	276.17	3/4	4.40	3/4	3/4	3/4	3/4	3/4	3/4
10	1,699.50	10	1,412.29	10	1,125.25	10	841.63	10	557.54	10	270.17	10	3.40	10	10	10	10	10	10
1/4	1,693.52	1/4	1,406.31	1/4	1,119.28	1/4	835.81	1/4	551.56	1/4	264.18	1/4	2.41	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,687.53	1/2	1,400.33	1/2	1,113.31	1/2	829.99	1/2	545.58	1/2	258.18	1/2	1.41	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,681.55	3/4	1,394.34	3/4	1,107.33	3/4	824.17	3/4	539.60	3/4	252.19	3/4	0.41	3/4	3/4	3/4	3/4	3/4	3/4
11	1,675.57	11	1,388.36	11	1,101.36	11	818.35	11	533.62	11	246.19	11		11	11	11	11	11	11
1/4	1,669.58	1/4	1,382.38	1/4	1,095.39	1/4	812.53	1/4	527.65	1/4	240.20	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,663.60	1/2	1,376.39	1/2	1,089.41	1/2	806.71	1/2	521.67	1/2	234.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,657.62	3/4	1,370.41	3/4	1,083.44	3/4	800.89	3/4	515.69	3/4	228.21	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/04/2008 CL
RECALCULATED: 08/22/2023 CL
VERIFIED: 11/20/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/20/2023

PRECISION MEASUREMENT
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