



# BARGE "KIRBY 12502B"

## 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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
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	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 CENTER	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/8	- 03-1/8

(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: 176'-06"

August 22, 2023

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

<http://www.pmacorp.net>



# BARGE "KIRBY 12502B"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	3,911.64	0	3,627.14	0	3,342.64	0	3,058.14	0	2,773.64	0	2,489.14	0	2,204.64		
1/4	1/4	1/4	1/4	1/4	3,905.72	1/4	3,621.22	1/4	3,336.71	1/4	3,052.21	1/4	2,767.71	1/4	2,483.21	1/4	2,198.71		
1/2	1/2	1/2	1/2	1/2	3,899.79	1/2	3,615.29	1/2	3,330.79	1/2	3,046.29	1/2	2,761.79	1/2	2,477.28	1/2	2,192.78		
3/4	3/4	3/4	3/4	3/4	3,893.86	3/4	3,609.36	3/4	3,324.86	3/4	3,040.36	3/4	2,755.86	3/4	2,471.36	3/4	2,186.86		
1	1	1	1	1	3,887.93	1	3,603.43	1	3,318.93	1	3,034.43	1	2,749.93	1	2,465.43	1	2,180.93		
1/4	1/4	1/4	1/4	1/4	3,882.01	1/4	3,597.51	1/4	3,313.01	1/4	3,028.51	1/4	2,744.00	1/4	2,459.50	1/4	2,175.00		
1/2	1/2	1/2	1/2	1/2	3,876.08	1/2	3,591.58	1/2	3,307.08	1/2	3,022.58	1/2	2,738.08	1/2	2,453.58	1/2	2,169.08		
3/4	3/4	3/4	3/4	3/4	3,870.15	3/4	3,585.65	3/4	3,301.15	3/4	3,016.65	3/4	2,732.15	3/4	2,447.65	3/4	2,163.15		
2	2	2	2	2	3,864.23	2	3,579.73	2	3,295.22	2	3,010.72	2	2,726.22	2	2,441.72	2	2,157.22		
1/4	1/4	1/4	1/4	1/4	3,858.30	1/4	3,573.80	1/4	3,289.30	1/4	3,004.80	1/4	2,720.30	1/4	2,435.80	1/4	2,151.29		
1/2	1/2	1/2	1/2	1/2	3,852.37	1/2	3,567.87	1/2	3,283.37	1/2	2,998.87	1/2	2,714.37	1/2	2,429.87	1/2	2,145.37		
3/4	3/4	3/4	3/4	3/4	3,846.44	3/4	3,561.94	3/4	3,277.44	3/4	2,992.94	3/4	2,708.44	3/4	2,423.94	3/4	2,139.44		
3	3	3	3	3	3,840.52	3	3,556.02	3	3,271.52	3	2,987.02	3	2,702.51	3	2,418.01	3	2,133.51		
1/4	1/4	1/4	1/4	1/4	3,834.59	1/4	3,550.09	1/4	3,265.59	1/4	2,981.09	1/4	2,696.59	1/4	2,412.09	1/4	2,127.59		
1/2	1/2	1/2	1/2	1/2	3,828.66	1/2	3,544.16	1/2	3,259.66	1/2	2,975.16	1/2	2,690.66	1/2	2,406.16	1/2	2,121.66		
3/4	3/4	3/4	3/4	3/4	3,822.74	3/4	3,538.24	3/4	3,253.73	3/4	2,969.23	3/4	2,684.73	3/4	2,400.23	3/4	2,115.73		
4	4	4	4	4	3,816.81	4	3,532.31	4	3,247.81	4	2,963.31	4	2,678.81	4	2,394.31	4	2,109.80		
1/4	1/4	1/4	1/4	1/4	3,810.88	1/4	3,526.38	1/4	3,241.88	1/4	2,957.38	1/4	2,672.88	1/4	2,388.38	1/4	2,103.88		
1/2	1/2	1/2	1/2	1/2	3,804.96	1/2	3,520.45	1/2	3,235.95	1/2	2,951.45	1/2	2,666.95	1/2	2,382.45	1/2	2,097.95		
3/4	3/4	3/4	3/4	3/4	3,799.03	3/4	3,514.53	3/4	3,230.03	3/4	2,945.53	3/4	2,661.02	3/4	2,376.52	3/4	2,092.02		
5	5	5	5	5	3,793.10	5	3,508.60	5	3,224.10	5	2,939.60	5	2,655.10	5	2,370.60	5	2,086.10		
1/4	1/4	1/4	1/4	1/4	3,787.17	1/4	3,502.67	1/4	3,218.17	1/4	2,933.67	1/4	2,649.17	1/4	2,364.67	1/4	2,080.17		
1/2	1/2	1/2	1/2	1/2	3,781.25	1/2	3,496.75	1/2	3,212.25	1/2	2,927.74	1/2	2,643.24	1/2	2,358.74	1/2	2,074.24		
3/4	3/4	3/4	3/4	3/4	3,775.32	3/4	3,490.82	3/4	3,206.32	3/4	2,921.82	3/4	2,637.32	3/4	2,352.82	3/4	2,068.31		
6	6	6	6	6	3,769.39	6	3,484.89	6	3,200.39	6	2,915.89	6	2,631.39	6	2,346.89	6	2,062.39		
1/4	1/4	1/4	1/4	1/4	3,763.47	1/4	3,478.96	1/4	3,194.46	1/4	2,909.96	1/4	2,625.46	1/4	2,340.96	1/4	2,056.46		
1/2	1/2	1/2	1/2	1/2	4,006.46	1/2	3,757.54	1/2	3,473.04	1/2	3,188.54	1/2	2,904.04	1/2	2,619.54	1/2	2,335.03	1/2	2,050.53
3/4	3/4	3/4	3/4	3/4	4,005.47	3/4	3,751.61	3/4	3,467.11	3/4	3,182.61	3/4	2,898.11	3/4	2,613.61	3/4	2,329.11	3/4	2,044.61
7	7	7	7	7	4,004.48	7	3,745.68	7	3,461.18	7	3,176.68	7	2,892.18	7	2,607.68	7	2,323.18	7	2,038.68
1/4	1/4	1/4	1/4	1/4	4,003.49	1/4	3,739.76	1/4	3,455.26	1/4	3,170.76	1/4	2,886.25	1/4	2,601.75	1/4	2,317.25	1/4	2,032.75
1/2	1/2	1/2	1/2	1/2	4,002.51	1/2	3,733.83	1/2	3,449.33	1/2	3,164.83	1/2	2,880.33	1/2	2,595.83	1/2	2,311.33	1/2	2,026.83
3/4	3/4	3/4	3/4	3/4	3,999.54	3/4	3,727.90	3/4	3,443.40	3/4	3,158.90	3/4	2,874.40	3/4	2,589.90	3/4	2,305.40	3/4	2,020.90
8	8	8	8	8	3,996.58	8	3,721.98	8	3,437.47	8	3,152.97	8	2,868.47	8	2,583.97	8	2,299.47	8	2,014.97
1/4	1/4	1/4	1/4	1/4	3,993.61	1/4	3,716.05	1/4	3,431.55	1/4	3,147.05	1/4	2,862.55	1/4	2,578.05	1/4	2,293.54	1/4	2,009.04
1/2	1/2	1/2	1/2	1/2	3,990.65	1/2	3,710.12	1/2	3,425.62	1/2	3,141.12	1/2	2,856.62	1/2	2,572.12	1/2	2,287.62	1/2	2,003.12
3/4	3/4	3/4	3/4	3/4	3,985.72	3/4	3,704.19	3/4	3,419.69	3/4	3,135.19	3/4	2,850.69	3/4	2,566.19	3/4	2,281.69	3/4	1,997.19
9	9	9	9	9	3,980.78	9	3,698.27	9	3,413.77	9	3,129.27	9	2,844.76	9	2,560.26	9	2,275.76	9	1,991.26
1/4	1/4	1/4	1/4	1/4	3,975.85	1/4	3,692.34	1/4	3,407.84	1/4	3,123.34	1/4	2,838.84	1/4	2,554.34	1/4	2,269.84	1/4	1,985.34
1/2	1/2	1/2	1/2	1/2	3,970.91	1/2	3,686.41	1/2	3,401.91	1/2	3,117.41	1/2	2,832.91	1/2	2,548.41	1/2	2,263.91	1/2	1,979.41
3/4	3/4	3/4	3/4	3/4	3,964.99	3/4	3,680.49	3/4	3,395.99	3/4	3,111.48	3/4	2,826.98	3/4	2,542.48	3/4	2,257.98	3/4	1,973.48
10	10	10	10	10	3,959.06	10	3,674.56	10	3,390.06	10	3,105.56	10	2,821.06	10	2,536.56	10	2,252.05	10	1,967.55
1/4	1/4	1/4	1/4	1/4	3,953.13	1/4	3,668.63	1/4	3,384.13	1/4	3,099.63	1/4	2,815.13	1/4	2,530.63	1/4	2,246.13	1/4	1,961.63
1/2	1/2	1/2	1/2	1/2	3,947.21	1/2	3,662.70	1/2	3,378.20	1/2	3,093.70	1/2	2,809.20	1/2	2,524.70	1/2	2,240.20	1/2	1,955.70
3/4	3/4	3/4	3/4	3/4	3,941.28	3/4	3,656.78	3/4	3,372.28	3/4	3,087.78	3/4	2,803.28	3/4	2,518.77	3/4	2,234.27	3/4	1,949.77
11	11	11	11	11	3,935.35	11	3,650.85	11	3,366.35	11	3,081.85	11	2,797.35	11	2,512.85	11	2,228.35	11	1,943.85
1/4	1/4	1/4	1/4	1/4	3,929.42	1/4	3,644.92	1/4	3,360.42	1/4	3,075.92	1/4	2,791.42	1/4	2,506.92	1/4	2,222.42	1/4	1,937.92
1/2	1/2	1/2	1/2	1/2	3,923.50	1/2	3,639.00	1/2	3,354.50	1/2	3,069.99	1/2	2,785.49	1/2	2,500.99	1/2	2,216.49	1/2	1,931.99
3/4	3/4	3/4	3/4	3/4	3,917.57	3/4	3,633.07	3/4	3,348.57	3/4	3,064.07	3/4	2,779.57	3/4	2,495.07	3/4	2,210.57	3/4	1,926.06

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 31'-02 1/4" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 12502B"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,920.14	0	1,635.64	0	1,351.14	0	1,066.63	0	782.41	0	498.18	0	213.77	0		0		0	
1/4	1,914.21	1/4	1,629.71	1/4	1,345.21	1/4	1,060.71	1/4	776.49	1/4	492.26	1/4	207.85	1/4	1/4		1/4		1/4
1/2	1,908.28	1/2	1,623.78	1/2	1,339.28	1/2	1,054.78	1/2	770.57	1/2	486.34	1/2	201.92	1/2	1/2		1/2		1/2
3/4	1,902.36	3/4	1,617.86	3/4	1,333.35	3/4	1,048.85	3/4	764.65	3/4	480.42	3/4	195.99	3/4	3/4		3/4		3/4
1	1,896.43	1	1,611.93	1	1,327.43	1	1,042.93	1	758.74	1	474.50	1	190.06	1	1		1		1
1/4	1,890.50	1/4	1,606.00	1/4	1,321.50	1/4	1,037.00	1/4	752.82	1/4	468.58	1/4	184.14	1/4	1/4		1/4		1/4
1/2	1,884.57	1/2	1,600.07	1/2	1,315.57	1/2	1,031.07	1/2	746.90	1/2	462.67	1/2	178.21	1/2	1/2		1/2		1/2
3/4	1,878.65	3/4	1,594.15	3/4	1,309.65	3/4	1,025.15	3/4	740.98	3/4	456.75	3/4	172.28	3/4	3/4		3/4		3/4
2	1,872.72	2	1,588.22	2	1,303.72	2	1,019.22	2	735.06	2	450.83	2	166.36	2	2		2		2
1/4	1,866.79	1/4	1,582.29	1/4	1,297.79	1/4	1,013.29	1/4	729.15	1/4	444.91	1/4	160.43	1/4	1/4		1/4		1/4
1/2	1,860.87	1/2	1,576.37	1/2	1,291.86	1/2	1,007.36	1/2	723.23	1/2	438.99	1/2	154.50	1/2	1/2		1/2		1/2
3/4	1,854.94	3/4	1,570.44	3/4	1,285.94	3/4	1,001.44	3/4	717.30	3/4	433.06	3/4	148.58	3/4	3/4		3/4		3/4
3	1,849.01	3	1,564.51	3	1,280.01	3	995.51	3	711.37	3	427.14	3	142.65	3	3		3		3
1/4	1,843.09	1/4	1,558.58	1/4	1,274.08	1/4	989.58	1/4	705.45	1/4	421.21	1/4	136.72	1/4	1/4		1/4		1/4
1/2	1,837.16	1/2	1,552.66	1/2	1,268.16	1/2	983.66	1/2	699.52	1/2	415.28	1/2	130.80	1/2	1/2		1/2		1/2
3/4	1,831.23	3/4	1,546.73	3/4	1,262.23	3/4	977.73	3/4	693.59	3/4	409.36	3/4	124.87	3/4	3/4		3/4		3/4
4	1,825.30	4	1,540.80	4	1,256.30	4	971.80	4	687.67	4	403.43	4	118.94	4	4		4		4
1/4	1,819.38	1/4	1,534.88	1/4	1,250.38	1/4	965.87	1/4	681.74	1/4	397.50	1/4	113.02	1/4	1/4		1/4		1/4
1/2	1,813.45	1/2	1,528.95	1/2	1,244.45	1/2	959.95	1/2	675.81	1/2	391.58	1/2	107.09	1/2	1/2		1/2		1/2
3/4	1,807.52	3/4	1,523.02	3/4	1,238.52	3/4	954.03	3/4	669.88	3/4	385.65	3/4	101.16	3/4	3/4		3/4		3/4
5	1,801.60	5	1,517.09	5	1,232.59	5	948.11	5	663.96	5	379.72	5	95.24	5	5		5		5
1/4	1,795.67	1/4	1,511.17	1/4	1,226.67	1/4	942.19	1/4	658.03	1/4	373.80	1/4	89.31	1/4	1/4		1/4		1/4
1/2	1,789.74	1/2	1,505.24	1/2	1,220.74	1/2	936.28	1/2	652.10	1/2	367.87	1/2	83.38	1/2	1/2		1/2		1/2
3/4	1,783.81	3/4	1,499.31	3/4	1,214.81	3/4	930.36	3/4	646.18	3/4	361.94	3/4	77.46	3/4	3/4		3/4		3/4
6	1,777.89	6	1,493.39	6	1,208.89	6	924.44	6	640.25	6	356.02	6	71.53	6	6		6		6
1/4	1,771.96	1/4	1,487.46	1/4	1,202.96	1/4	918.52	1/4	634.32	1/4	350.09	1/4	65.60	1/4	1/4		1/4		1/4
1/2	1,766.03	1/2	1,481.53	1/2	1,197.03	1/2	912.60	1/2	628.40	1/2	344.16	1/2	59.68	1/2	1/2		1/2		1/2
3/4	1,760.11	3/4	1,475.60	3/4	1,191.10	3/4	906.69	3/4	622.48	3/4	338.23	3/4	53.75	3/4	3/4		3/4		3/4
7	1,754.18	7	1,469.68	7	1,185.18	7	900.77	7	616.56	7	332.31	7	47.82	7	7		7		7
1/4	1,748.25	1/4	1,463.75	1/4	1,179.25	1/4	894.85	1/4	610.64	1/4	326.38	1/4	41.89	1/4	1/4		1/4		1/4
1/2	1,742.32	1/2	1,457.82	1/2	1,173.32	1/2	888.93	1/2	604.72	1/2	320.45	1/2	35.97	1/2	1/2		1/2		1/2
3/4	1,736.40	3/4	1,451.90	3/4	1,167.40	3/4	883.01	3/4	598.80	3/4	314.53	3/4	31.03	3/4	3/4		3/4		3/4
8	1,730.47	8	1,445.97	8	1,161.47	8	877.10	8	592.88	8	308.60	8	26.09	8	8		8		8
1/4	1,724.54	1/4	1,440.04	1/4	1,155.54	1/4	871.18	1/4	586.96	1/4	302.67	1/4	21.15	1/4	1/4		1/4		1/4
1/2	1,718.62	1/2	1,434.12	1/2	1,149.61	1/2	865.26	1/2	581.04	1/2	296.75	1/2	16.21	1/2	1/2		1/2		1/2
3/4	1,712.69	3/4	1,428.19	3/4	1,143.69	3/4	859.34	3/4	575.13	3/4	290.82	3/4	13.25	3/4	3/4		3/4		3/4
9	1,706.76	9	1,422.26	9	1,137.76	9	853.42	9	569.21	9	284.89	9	10.29	9	9		9		9
1/4	1,700.83	1/4	1,416.33	1/4	1,131.83	1/4	847.51	1/4	563.29	1/4	278.97	1/4	7.32	1/4	1/4		1/4		1/4
1/2	1,694.91	1/2	1,410.41	1/2	1,125.91	1/2	841.59	1/2	557.37	1/2	273.04	1/2	4.36	1/2	1/2		1/2		1/2
3/4	1,688.98	3/4	1,404.48	3/4	1,119.98	3/4	835.67	3/4	551.45	3/4	267.11	3/4	3.37	3/4	3/4		3/4		3/4
10	1,683.05	10	1,398.55	10	1,114.05	10	829.75	10	545.53	10	261.19	10	2.38	10	10		10		10
1/4	1,677.13	1/4	1,392.63	1/4	1,108.12	1/4	823.83	1/4	539.61	1/4	255.26	1/4	1.40	1/4	1/4		1/4		1/4
1/2	1,671.20	1/2	1,386.70	1/2	1,102.20	1/2	817.92	1/2	533.69	1/2	249.33	1/2	0.41	1/2	1/2		1/2		1/2
3/4	1,665.27	3/4	1,380.77	3/4	1,096.27	3/4	812.00	3/4	527.77	3/4	243.41	3/4		3/4	3/4		3/4		3/4
11	1,659.34	11	1,374.84	11	1,090.34	11	806.08	11	521.85	11	237.48	11		11	11		11		11
1/4	1,653.42	1/4	1,368.92	1/4	1,084.42	1/4	800.16	1/4	515.94	1/4	231.55	1/4		1/4	1/4		1/4		1/4
1/2	1,647.49	1/2	1,362.99	1/2	1,078.49	1/2	794.24	1/2	510.02	1/2	225.63	1/2		1/2	1/2		1/2		1/2
3/4	1,641.56	3/4	1,357.06	3/4	1,072.56	3/4	788.33	3/4	504.10	3/4	219.70	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2008 CL - SW  
RECALCULATED: 08/22/2023 CL  
REPRINTED: 08/22/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2023

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



# BARGE "KIRBY 12502B"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4
0		0		0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 31'-00 3/4" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 12502B"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,931.82	0	1,645.52	0	1,359.22	0	1,072.93	0	788.58	0	505.68	0	221.06	0		0		0	
1/4	1,925.85	1/4	1,639.55	1/4	1,353.26	1/4	1,066.96	1/4	782.68	1/4	499.79	1/4	215.10	1/4	1/4		1/4		1/4
1/2	1,919.89	1/2	1,633.59	1/2	1,347.29	1/2	1,061.00	1/2	776.78	1/2	493.91	1/2	209.14	1/2	1/2		1/2		1/2
3/4	1,913.92	3/4	1,627.63	3/4	1,341.33	3/4	1,055.03	3/4	770.88	3/4	488.02	3/4	203.17	3/4	3/4		3/4		3/4
1	1,907.96	1	1,621.66	1	1,335.37	1	1,049.07	1	764.99	1	482.13	1	197.21	1	1		1		1
1/4	1,901.99	1/4	1,615.70	1/4	1,329.40	1/4	1,043.10	1/4	759.09	1/4	476.24	1/4	191.24	1/4	1/4		1/4		1/4
1/2	1,896.03	1/2	1,609.73	1/2	1,323.44	1/2	1,037.14	1/2	753.19	1/2	470.35	1/2	185.28	1/2	1/2		1/2		1/2
3/4	1,890.06	3/4	1,603.77	3/4	1,317.47	3/4	1,031.18	3/4	747.30	3/4	464.47	3/4	179.32	3/4	3/4		3/4		3/4
2	1,884.10	2	1,597.80	2	1,311.51	2	1,025.21	2	741.40	2	458.58	2	173.35	2	2		2		2
1/4	1,878.13	1/4	1,591.84	1/4	1,305.54	1/4	1,019.25	1/4	735.50	1/4	452.69	1/4	167.39	1/4	1/4		1/4		1/4
1/2	1,872.17	1/2	1,585.87	1/2	1,299.58	1/2	1,013.28	1/2	729.60	1/2	446.80	1/2	161.43	1/2	1/2		1/2		1/2
3/4	1,866.21	3/4	1,579.91	3/4	1,293.61	3/4	1,007.32	3/4	723.71	3/4	440.91	3/4	155.46	3/4	3/4		3/4		3/4
3	1,860.24	3	1,573.95	3	1,287.65	3	1,001.35	3	717.81	3	435.02	3	149.50	3	3		3		3
1/4	1,854.28	1/4	1,567.98	1/4	1,281.68	1/4	995.39	1/4	711.91	1/4	429.12	1/4	143.53	1/4	1/4		1/4		1/4
1/2	1,848.31	1/2	1,562.02	1/2	1,275.72	1/2	989.42	1/2	706.01	1/2	423.23	1/2	137.57	1/2	1/2		1/2		1/2
3/4	1,842.35	3/4	1,556.05	3/4	1,269.76	3/4	983.46	3/4	700.12	3/4	417.33	3/4	131.61	3/4	3/4		3/4		3/4
4	1,836.38	4	1,550.09	4	1,263.79	4	977.50	4	694.22	4	411.43	4	125.64	4	4		4		4
1/4	1,830.42	1/4	1,544.12	1/4	1,257.83	1/4	971.53	1/4	688.32	1/4	405.54	1/4	119.68	1/4	1/4		1/4		1/4
1/2	1,824.45	1/2	1,538.16	1/2	1,251.86	1/2	965.57	1/2	682.42	1/2	399.64	1/2	113.72	1/2	1/2		1/2		1/2
3/4	1,818.49	3/4	1,532.19	3/4	1,245.90	3/4	959.60	3/4	676.53	3/4	393.74	3/4	107.75	3/4	3/4		3/4		3/4
5	1,812.53	5	1,526.23	5	1,239.93	5	953.70	5	670.63	5	387.85	5	101.79	5	5		5		5
1/4	1,806.56	1/4	1,520.26	1/4	1,233.97	1/4	947.81	1/4	664.73	1/4	381.95	1/4	95.82	1/4	1/4		1/4		1/4
1/2	1,800.60	1/2	1,514.30	1/2	1,228.00	1/2	941.91	1/2	658.83	1/2	376.05	1/2	89.86	1/2	1/2		1/2		1/2
3/4	1,794.63	3/4	1,508.34	3/4	1,222.04	3/4	936.01	3/4	652.94	3/4	370.16	3/4	83.90	3/4	3/4		3/4		3/4
6	1,788.67	6	1,502.37	6	1,216.08	6	930.11	6	647.04	6	364.19	6	77.93	6	6		6		6
1/4	1,782.70	1/4	1,496.41	1/4	1,210.11	1/4	924.22	1/4	641.14	1/4	358.23	1/4	71.97	1/4	1/4		1/4		1/4
1/2	1,776.74	1/2	1,490.44	1/2	1,204.15	1/2	918.32	1/2	635.24	1/2	352.27	1/2	66.00	1/2	1/2		1/2		1/2
3/4	1,770.77	3/4	1,484.48	3/4	1,198.18	3/4	912.42	3/4	629.35	3/4	346.30	3/4	60.04	3/4	3/4		3/4		3/4
7	1,764.81	7	1,478.51	7	1,192.22	7	906.53	7	623.46	7	340.34	7	54.08	7	7		7		7
1/4	1,758.84	1/4	1,472.55	1/4	1,186.25	1/4	900.63	1/4	617.57	1/4	334.38	1/4	48.11	1/4	1/4		1/4		1/4
1/2	1,752.88	1/2	1,466.58	1/2	1,180.29	1/2	894.73	1/2	611.68	1/2	328.41	1/2	42.15	1/2	1/2		1/2		1/2
3/4	1,746.92	3/4	1,460.62	3/4	1,174.32	3/4	888.83	3/4	605.79	3/4	322.45	3/4	36.19	3/4	3/4		3/4		3/4
8	1,740.95	8	1,454.66	8	1,168.36	8	882.94	8	599.90	8	316.48	8	31.22	8	8		8		8
1/4	1,734.99	1/4	1,448.69	1/4	1,162.39	1/4	877.04	1/4	594.01	1/4	310.52	1/4	26.25	1/4	1/4		1/4		1/4
1/2	1,729.02	1/2	1,442.73	1/2	1,156.43	1/2	871.14	1/2	588.12	1/2	304.56	1/2	21.28	1/2	1/2		1/2		1/2
3/4	1,723.06	3/4	1,436.76	3/4	1,150.47	3/4	865.24	3/4	582.23	3/4	298.59	3/4	16.31	3/4	3/4		3/4		3/4
9	1,717.09	9	1,430.80	9	1,144.50	9	859.35	9	576.35	9	292.63	9	13.33	9	9		9		9
1/4	1,711.13	1/4	1,424.83	1/4	1,138.54	1/4	853.45	1/4	570.46	1/4	286.67	1/4	10.34	1/4	1/4		1/4		1/4
1/2	1,705.16	1/2	1,418.87	1/2	1,132.57	1/2	847.55	1/2	564.57	1/2	280.70	1/2	7.36	1/2	1/2		1/2		1/2
3/4	1,699.20	3/4	1,412.90	3/4	1,126.61	3/4	841.65	3/4	558.68	3/4	274.74	3/4	4.38	3/4	3/4		3/4		3/4
10	1,693.24	10	1,406.94	10	1,120.64	10	835.76	10	552.79	10	268.77	10	3.39	10	10		10		10
1/4	1,687.27	1/4	1,400.97	1/4	1,114.68	1/4	829.86	1/4	546.90	1/4	262.81	1/4	2.39	1/4	1/4		1/4		1/4
1/2	1,681.31	1/2	1,395.01	1/2	1,108.71	1/2	823.96	1/2	541.01	1/2	256.85	1/2	1.40	1/2	1/2		1/2		1/2
3/4	1,675.34	3/4	1,389.05	3/4	1,102.75	3/4	818.06	3/4	535.12	3/4	250.88	3/4	0.41	3/4	3/4		3/4		3/4
11	1,669.38	11	1,383.08	11	1,096.79	11	812.17	11	529.23	11	244.92	11		11	11		11		11
1/4	1,663.41	1/4	1,377.12	1/4	1,090.82	1/4	806.27	1/4	523.35	1/4	238.95	1/4		1/4	1/4		1/4		1/4
1/2	1,657.45	1/2	1,371.15	1/2	1,084.86	1/2	800.37	1/2	517.46	1/2	232.99	1/2		1/2	1/2		1/2		1/2
3/4	1,651.48	3/4	1,365.19	3/4	1,078.89	3/4	794.47	3/4	511.57	3/4	227.03	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2008 CL - SW  
RECALCULATED: 08/22/2023 CL  
REPRINTED: 08/22/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2023

PRECISION MEASUREMENT  
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<http://www.pmacorp.net>



# BARGE "KIRBY 12502B"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
0	0	0	0	0	3,772.80	0	3,538.94	0	3,305.07	0	3,071.21	0	2,806.56	0	2,519.56	0	2,232.30			
1/4	1/4	1/4	1/4	1/4	3,767.93	1/4	3,534.07	1/4	3,300.20	1/4	3,066.33	1/4	2,800.58	1/4	2,513.58	1/4	2,226.31			
1/2	1/2	1/2	1/2	1/2	3,763.06	1/2	3,529.19	1/2	3,295.33	1/2	3,061.46	1/2	2,794.60	1/2	2,507.60	1/2	2,220.32			
3/4	3/4	3/4	3/4	3/4	3,758.19	3/4	3,524.32	3/4	3,290.46	3/4	3,056.59	3/4	2,788.62	3/4	2,501.62	3/4	2,214.34			
1	1	1	1	1	3,753.32	1	3,519.45	1	3,285.58	1	3,051.72	1	2,782.64	1	2,495.64	1	2,208.35			
1/4	1/4	1/4	1/4	1/4	3,748.44	1/4	3,514.58	1/4	3,280.71	1/4	3,046.85	1/4	2,776.66	1/4	2,489.66	1/4	2,202.36			
1/2	1/2	1/2	1/2	1/2	3,743.57	1/2	3,509.71	1/2	3,275.84	1/2	3,041.97	1/2	2,770.68	1/2	2,483.68	1/2	2,196.38			
3/4	3/4	3/4	3/4	3/4	3,738.70	3/4	3,504.83	3/4	3,270.97	3/4	3,037.10	3/4	2,764.70	3/4	2,477.70	3/4	2,190.39			
2	2	2	2	2	3,733.83	2	3,499.96	2	3,266.10	2	3,032.23	2	2,758.72	2	2,471.71	2	2,184.40			
1/4	1/4	1/4	1/4	1/4	3,728.95	1/4	3,495.09	1/4	3,261.22	1/4	3,027.38	1/4	2,752.74	1/4	2,465.73	1/4	2,178.42			
1/2	1/2	1/2	1/2	1/2	3,724.08	1/2	3,490.22	1/2	3,256.35	1/2	3,022.52	1/2	2,746.77	1/2	2,459.75	1/2	2,172.43			
3/4	3/4	3/4	3/4	3/4	3,719.21	3/4	3,485.34	3/4	3,251.48	3/4	3,017.67	3/4	2,740.79	3/4	2,453.77	3/4	2,166.44			
3	3	3	3	3	3,714.34	3	3,480.47	3	3,246.61	3	3,012.82	3	2,734.81	3	2,447.79	3	2,160.46			
1/4	1/4	1/4	1/4	1/4	3,709.47	1/4	3,475.60	1/4	3,241.73	1/4	3,007.96	1/4	2,728.83	1/4	2,441.81	1/4	2,154.47			
1/2	1/2	1/2	1/2	1/2	3,704.59	1/2	3,470.73	1/2	3,236.86	1/2	3,003.11	1/2	2,722.85	1/2	2,435.83	1/2	2,148.48			
3/4	3/4	3/4	3/4	3/4	3,699.72	3/4	3,465.86	3/4	3,231.99	3/4	2,998.26	3/4	2,716.87	3/4	2,429.85	3/4	2,142.50			
4	4	4	4	4	3,694.85	4	3,460.98	4	3,227.12	4	2,993.40	4	2,710.89	4	2,423.87	4	2,136.51			
1/4	1/4	1/4	1/4	1/4	3,689.98	1/4	3,456.11	1/4	3,222.25	1/4	2,988.55	1/4	2,704.91	1/4	2,417.88	1/4	2,130.52			
1/2	1/2	1/2	1/2	1/2	3,685.10	1/2	3,451.24	1/2	3,217.37	1/2	2,983.70	1/2	2,698.93	1/2	2,411.90	1/2	2,124.54			
3/4	3/4	3/4	3/4	3/4	3,680.23	3/4	3,446.37	3/4	3,212.50	3/4	2,978.84	3/4	2,692.95	3/4	2,405.91	3/4	2,118.55			
5	5	5	5	5	3,675.36	5	3,441.49	5	3,207.63	5	2,973.99	5	2,686.97	5	2,399.92	5	2,112.56			
1/4	1/4	1/4	1/4	1/4	3,670.49	1/4	3,436.62	1/4	3,202.76	1/4	2,968.01	1/4	2,680.99	1/4	2,393.94	1/4	2,106.58			
1/2	1/2	1/2	1/2	1/2	3,665.62	1/2	3,431.75	1/2	3,197.88	1/2	2,962.03	1/2	2,675.01	1/2	2,387.95	1/2	2,100.59			
3/4	3/4	3/4	3/4	3/4	3,660.74	3/4	3,426.88	3/4	3,193.01	3/4	2,956.05	3/4	2,669.03	3/4	2,381.96	3/4	2,094.60			
6	6	6	6	6	3,655.87	6	3,422.01	6	3,188.14	6	2,950.07	6	2,663.05	6	2,375.98	6	2,088.62			
1/4	1/4	1/4	1/4	1/4	3,651.00	1/4	3,417.13	1/4	3,183.27	1/4	2,944.09	1/4	2,657.07	1/4	2,369.99	1/4	2,082.63			
1/2	1/2	1/2	1/2	1/2	3,646.13	1/2	3,412.26	1/2	3,178.40	1/2	2,938.11	1/2	2,651.09	1/2	2,364.00	1/2	2,076.64			
3/4	3/4	3/4	3/4	3/4	3,641.25	3/4	3,407.39	3/4	3,173.52	3/4	2,932.13	3/4	2,645.11	3/4	2,358.02	3/4	2,070.66			
7	7	7	7	3,847.76	7	3,636.38	7	3,402.52	7	3,168.65	7	2,926.15	7	2,639.13	7	2,352.03	7	2,064.67		
1/4	1/4	1/4	1/4	3,846.76	1/4	3,631.51	1/4	3,397.64	1/4	3,163.78	1/4	2,920.17	1/4	2,633.15	1/4	2,346.04	1/4	2,058.68		
1/2	1/2	1/2	1/2	3,845.76	1/2	3,626.64	1/2	3,392.77	1/2	3,158.91	1/2	2,914.19	1/2	2,627.17	1/2	2,340.06	1/2	2,052.70		
3/4	3/4	3/4	3/4	3,844.76	3/4	3,621.77	3/4	3,387.90	3/4	3,154.03	3/4	2,908.21	3/4	2,621.19	3/4	2,334.07	3/4	2,046.71		
8	8	8	8	3,843.76	8	3,616.89	8	3,383.03	8	3,149.16	8	2,902.23	8	2,615.21	8	2,328.08	8	2,040.72		
1/4	1/4	1/4	1/4	3,840.76	1/4	3,612.02	1/4	3,378.16	1/4	3,144.29	1/4	2,896.26	1/4	2,609.23	1/4	2,322.10	1/4	2,034.76		
1/2	1/2	1/2	1/2	3,837.77	1/2	3,607.15	1/2	3,373.28	1/2	3,139.42	1/2	2,890.28	1/2	2,603.25	1/2	2,316.11	1/2	2,028.80		
3/4	3/4	3/4	3/4	3,834.77	3/4	3,602.28	3/4	3,368.41	3/4	3,134.55	3/4	2,884.30	3/4	2,597.28	3/4	2,310.12	3/4	2,022.83		
9	9	9	9	3,831.77	9	3,597.40	9	3,363.54	9	3,129.67	9	2,878.32	9	2,591.30	9	2,304.14	9	2,016.87		
1/4	1/4	1/4	1/4	3,826.77	1/4	3,592.53	1/4	3,358.67	1/4	3,124.80	1/4	2,872.34	1/4	2,585.32	1/4	2,298.15	1/4	2,010.90		
1/2	1/2	1/2	1/2	3,821.77	1/2	3,587.66	1/2	3,353.79	1/2	3,119.93	1/2	2,866.36	1/2	2,579.34	1/2	2,292.16	1/2	2,004.94		
3/4	3/4	3/4	3/4	3,816.78	3/4	3,582.79	3/4	3,348.92	3/4	3,115.06	3/4	2,860.38	3/4	2,573.36	3/4	2,286.18	3/4	1,998.98		
10	10	10	10	3,811.78	10	3,577.92	10	3,344.05	10	3,110.18	10	2,854.40	10	2,567.38	10	2,280.19	10	1,993.01		
1/4	1/4	1/4	1/4	3,806.91	1/4	3,573.04	1/4	3,339.18	1/4	3,105.31	1/4	2,848.42	1/4	2,561.40	1/4	2,274.20	1/4	1,987.05		
1/2	1/2	1/2	1/2	3,802.04	1/2	3,568.17	1/2	3,334.31	1/2	3,100.44	1/2	2,842.44	1/2	2,555.43	1/2	2,268.22	1/2	1,981.08		
3/4	3/4	3/4	3/4	3,797.16	3/4	3,563.30	3/4	3,329.43	3/4	3,095.57	3/4	2,836.46	3/4	2,549.45	3/4	2,262.23	3/4	1,975.12		
11	11	11	11	3,792.29	11	3,558.43	11	3,324.56	11	3,090.70	11	2,830.48	11	2,543.48	11	2,256.24	11	1,969.16		
1/4	1/4	1/4	1/4	3,787.42	1/4	3,553.55	1/4	3,319.69	1/4	3,085.82	1/4	2,824.50	1/4	2,537.50	1/4	2,250.26	1/4	1,963.19		
1/2	1/2	1/2	1/2	3,782.55	1/2	3,548.68	1/2	3,314.82	1/2	3,080.95	1/2	2,818.52	1/2	2,531.52	1/2	2,244.27	1/2	1,957.23		
3/4	3/4	3/4	3/4	3,777.68	3/4	3,543.81	3/4	3,309.94	3/4	3,076.08	3/4	2,812.54	3/4	2,525.54	3/4	2,238.28	3/4	1,951.27		

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 37'-07 7/8" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 12502B"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	1,945.30	0	1,658.49	0	1,371.13	0	1,084.01	0	801.31	0	515.96	0	228.33	0		0		0	
1/4	1,939.34	1/4	1,652.50	1/4	1,365.14	1/4	1,078.03	1/4	795.49	1/4	509.98	1/4	222.33	1/4	1/4		1/4		1/4
1/2	1,933.37	1/2	1,646.52	1/2	1,359.15	1/2	1,072.05	1/2	789.67	1/2	504.00	1/2	216.33	1/2	1/2		1/2		1/2
3/4	1,927.41	3/4	1,640.53	3/4	1,353.17	3/4	1,066.08	3/4	783.85	3/4	498.02	3/4	210.33	3/4	3/4		3/4		3/4
1	1,921.45	1	1,634.54	1	1,347.18	1	1,060.10	1	778.03	1	492.04	1	204.34	1	1		1		1
1/4	1,915.48	1/4	1,628.56	1/4	1,341.19	1/4	1,054.12	1/4	772.20	1/4	486.06	1/4	198.34	1/4	1/4		1/4		1/4
1/2	1,909.52	1/2	1,622.57	1/2	1,335.21	1/2	1,048.15	1/2	766.38	1/2	480.08	1/2	192.34	1/2	1/2		1/2		1/2
3/4	1,903.56	3/4	1,616.58	3/4	1,329.22	3/4	1,042.17	3/4	760.56	3/4	474.10	3/4	186.34	3/4	3/4		3/4		3/4
2	1,897.59	2	1,610.60	2	1,323.23	2	1,036.19	2	754.74	2	468.12	2	180.34	2	2		2		2
1/4	1,891.63	1/4	1,604.61	1/4	1,317.25	1/4	1,030.20	1/4	748.92	1/4	462.14	1/4	174.35	1/4	1/4		1/4		1/4
1/2	1,885.66	1/2	1,598.62	1/2	1,311.26	1/2	1,024.22	1/2	743.09	1/2	456.16	1/2	168.35	1/2	1/2		1/2		1/2
3/4	1,879.70	3/4	1,592.64	3/4	1,305.27	3/4	1,018.23	3/4	737.27	3/4	450.19	3/4	162.35	3/4	3/4		3/4		3/4
3	1,873.74	3	1,586.65	3	1,299.29	3	1,012.24	3	731.45	3	444.21	3	156.35	3	3		3		3
1/4	1,867.77	1/4	1,580.66	1/4	1,293.30	1/4	1,006.25	1/4	725.46	1/4	438.22	1/4	150.35	1/4	1/4		1/4		1/4
1/2	1,861.81	1/2	1,574.68	1/2	1,287.31	1/2	1,000.26	1/2	719.47	1/2	432.23	1/2	144.36	1/2	1/2		1/2		1/2
3/4	1,855.84	3/4	1,568.69	3/4	1,281.33	3/4	994.27	3/4	713.48	3/4	426.24	3/4	138.36	3/4	3/4		3/4		3/4
4	1,849.88	4	1,562.70	4	1,275.34	4	988.29	4	707.49	4	420.25	4	132.36	4	4		4		4
1/4	1,843.92	1/4	1,556.72	1/4	1,269.35	1/4	982.30	1/4	701.50	1/4	414.26	1/4	126.36	1/4	1/4		1/4		1/4
1/2	1,837.95	1/2	1,550.73	1/2	1,263.37	1/2	976.31	1/2	695.51	1/2	408.26	1/2	120.36	1/2	1/2		1/2		1/2
3/4	1,831.99	3/4	1,544.74	3/4	1,257.38	3/4	970.32	3/4	689.52	3/4	402.27	3/4	114.37	3/4	3/4		3/4		3/4
5	1,826.03	5	1,538.76	5	1,251.39	5	964.33	5	683.52	5	396.27	5	108.37	5	5		5		5
1/4	1,820.06	1/4	1,532.77	1/4	1,245.41	1/4	958.51	1/4	677.53	1/4	390.27	1/4	102.37	1/4	1/4		1/4		1/4
1/2	1,814.10	1/2	1,526.78	1/2	1,239.42	1/2	952.69	1/2	671.54	1/2	384.28	1/2	96.37	1/2	1/2		1/2		1/2
3/4	1,808.13	3/4	1,520.80	3/4	1,233.43	3/4	946.87	3/4	665.55	3/4	378.28	3/4	90.37	3/4	3/4		3/4		3/4
6	1,802.17	6	1,514.81	6	1,227.45	6	941.05	6	659.56	6	372.28	6	84.38	6	6		6		6
1/4	1,796.18	1/4	1,508.82	1/4	1,221.47	1/4	935.22	1/4	653.57	1/4	366.28	1/4	78.38	1/4	1/4		1/4		1/4
1/2	1,790.20	1/2	1,502.84	1/2	1,215.49	1/2	929.40	1/2	647.58	1/2	360.28	1/2	72.38	1/2	1/2		1/2		1/2
3/4	1,784.21	3/4	1,496.85	3/4	1,209.52	3/4	923.58	3/4	641.59	3/4	354.29	3/4	66.38	3/4	3/4		3/4		3/4
7	1,778.22	7	1,490.86	7	1,203.54	7	917.76	7	635.60	7	348.29	7	60.38	7	7		7		7
1/4	1,772.24	1/4	1,484.88	1/4	1,197.56	1/4	911.93	1/4	629.62	1/4	342.29	1/4	54.39	1/4	1/4		1/4		1/4
1/2	1,766.25	1/2	1,478.89	1/2	1,191.59	1/2	906.11	1/2	623.64	1/2	336.29	1/2	48.39	1/2	1/2		1/2		1/2
3/4	1,760.26	3/4	1,472.90	3/4	1,185.61	3/4	900.29	3/4	617.65	3/4	330.29	3/4	42.39	3/4	3/4		3/4		3/4
8	1,754.28	8	1,466.92	8	1,179.63	8	894.47	8	611.67	8	324.30	8	36.39	8	8		8		8
1/4	1,748.29	1/4	1,460.93	1/4	1,173.66	1/4	888.65	1/4	605.69	1/4	318.30	1/4	31.39	1/4	1/4		1/4		1/4
1/2	1,742.30	1/2	1,454.94	1/2	1,167.68	1/2	882.82	1/2	599.71	1/2	312.30	1/2	26.40	1/2	1/2		1/2		1/2
3/4	1,736.32	3/4	1,448.96	3/4	1,161.70	3/4	877.00	3/4	593.72	3/4	306.30	3/4	21.40	3/4	3/4		3/4		3/4
9	1,730.33	9	1,442.97	9	1,155.73	9	871.18	9	587.74	9	300.30	9	16.40	9	9		9		9
1/4	1,724.34	1/4	1,436.98	1/4	1,149.75	1/4	865.36	1/4	581.76	1/4	294.31	1/4	13.40	1/4	1/4		1/4		1/4
1/2	1,718.36	1/2	1,431.00	1/2	1,143.77	1/2	859.54	1/2	575.78	1/2	288.31	1/2	10.40	1/2	1/2		1/2		1/2
3/4	1,712.37	3/4	1,425.01	3/4	1,137.80	3/4	853.71	3/4	569.80	3/4	282.31	3/4	7.40	3/4	3/4		3/4		3/4
10	1,706.38	10	1,419.02	10	1,131.82	10	847.89	10	563.81	10	276.31	10	4.40	10	10		10		10
1/4	1,700.40	1/4	1,413.04	1/4	1,125.84	1/4	842.07	1/4	557.83	1/4	270.31	1/4	3.41	1/4	1/4		1/4		1/4
1/2	1,694.41	1/2	1,407.05	1/2	1,119.87	1/2	836.25	1/2	551.85	1/2	264.32	1/2	2.41	1/2	1/2		1/2		1/2
3/4	1,688.42	3/4	1,401.06	3/4	1,113.89	3/4	830.43	3/4	545.87	3/4	258.32	3/4	1.41	3/4	3/4		3/4		3/4
11	1,682.44	11	1,395.08	11	1,107.91	11	824.60	11	539.88	11	252.32	11	0.41	11	11		11		11
1/4	1,676.45	1/4	1,389.09	1/4	1,101.94	1/4	818.78	1/4	533.90	1/4	246.32	1/4		1/4	1/4		1/4		1/4
1/2	1,670.46	1/2	1,383.10	1/2	1,095.96	1/2	812.96	1/2	527.92	1/2	240.32	1/2		1/2	1/2		1/2		1/2
3/4	1,664.48	3/4	1,377.11	3/4	1,089.98	3/4	807.14	3/4	521.94	3/4	234.33	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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REPRINTED: 08/22/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2023

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