



BARGE "KIRBY 12503B"

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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8
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 2 CENTER IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 176'-06"

September 12, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 12503B"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	0	0	0	0	3,918.24	0	3,633.69	0	3,349.14	0	3,064.59	0	2,780.05	0	2,495.50	0	2,210.95		
1/4	1/4	1/4	1/4	1/4	3,912.31	1/4	3,627.76	1/4	3,343.21	1/4	3,058.67	1/4	2,774.12	1/4	2,489.57	1/4	2,205.02		
1/2	1/2	1/2	1/2	1/2	3,906.38	1/2	3,621.84	1/2	3,337.29	1/2	3,052.74	1/2	2,768.19	1/2	2,483.64	1/2	2,199.09		
3/4	3/4	3/4	3/4	3/4	3,900.46	3/4	3,615.91	3/4	3,331.36	3/4	3,046.81	3/4	2,762.26	3/4	2,477.71	3/4	2,193.16		
1	1	1	1	1	3,894.53	1	3,609.98	1	3,325.43	1	3,040.88	1	2,756.33	1	2,471.78	1	2,187.24		
1/4	1/4	1/4	1/4	1/4	3,888.60	1/4	3,604.05	1/4	3,319.50	1/4	3,034.95	1/4	2,750.40	1/4	2,465.86	1/4	2,181.31		
1/2	1/2	1/2	1/2	1/2	3,882.67	1/2	3,598.12	1/2	3,313.57	1/2	3,029.03	1/2	2,744.48	1/2	2,459.93	1/2	2,175.38		
3/4	3/4	3/4	3/4	3/4	3,876.74	3/4	3,592.19	3/4	3,307.65	3/4	3,023.10	3/4	2,738.55	3/4	2,454.00	3/4	2,169.45		
2	2	2	2	2	3,870.82	2	3,586.27	2	3,301.72	2	3,017.17	2	2,732.62	2	2,448.07	2	2,163.52		
1/4	1/4	1/4	1/4	1/4	3,864.89	1/4	3,580.34	1/4	3,295.79	1/4	3,011.24	1/4	2,726.69	1/4	2,442.14	1/4	2,157.59		
1/2	1/2	1/2	1/2	1/2	3,858.96	1/2	3,574.41	1/2	3,289.86	1/2	3,005.31	1/2	2,720.76	1/2	2,436.22	1/2	2,151.67		
3/4	3/4	3/4	3/4	3/4	3,853.03	3/4	3,568.48	3/4	3,283.93	3/4	2,999.38	3/4	2,714.84	3/4	2,430.29	3/4	2,145.74		
3	3	3	3	3	3,847.10	3	3,562.55	3	3,278.01	3	2,993.46	3	2,708.91	3	2,424.36	3	2,139.81		
1/4	1/4	1/4	1/4	1/4	3,841.18	1/4	3,556.63	1/4	3,272.08	1/4	2,987.53	1/4	2,702.98	1/4	2,418.43	1/4	2,133.88		
1/2	1/2	1/2	1/2	1/2	3,835.25	1/2	3,550.70	1/2	3,266.15	1/2	2,981.60	1/2	2,697.05	1/2	2,412.50	1/2	2,127.95		
3/4	3/4	3/4	3/4	3/4	3,829.32	3/4	3,544.77	3/4	3,260.22	3/4	2,975.67	3/4	2,691.12	3/4	2,406.57	3/4	2,122.03		
4	4	4	4	4	3,823.39	4	3,538.84	4	3,254.29	4	2,969.74	4	2,685.20	4	2,400.65	4	2,116.10		
1/4	1/4	1/4	1/4	1/4	3,817.46	1/4	3,532.91	1/4	3,248.36	1/4	2,963.82	1/4	2,679.27	1/4	2,394.72	1/4	2,110.17		
1/2	1/2	1/2	1/2	1/2	3,811.53	1/2	3,526.99	1/2	3,242.44	1/2	2,957.89	1/2	2,673.34	1/2	2,388.79	1/2	2,104.24		
3/4	3/4	3/4	3/4	3/4	3,805.61	3/4	3,521.06	3/4	3,236.51	3/4	2,951.96	3/4	2,667.41	3/4	2,382.86	3/4	2,098.31		
5	5	5	5	5	3,799.68	5	3,515.13	5	3,230.58	5	2,946.03	5	2,661.48	5	2,376.93	5	2,092.39		
1/4	1/4	1/4	1/4	1/4	3,793.75	1/4	3,509.20	1/4	3,224.65	1/4	2,940.10	1/4	2,655.55	1/4	2,371.01	1/4	2,086.46		
1/2	1/2	1/2	1/2	1/2	3,787.82	1/2	3,503.27	1/2	3,218.72	1/2	2,934.18	1/2	2,649.63	1/2	2,365.08	1/2	2,080.53		
3/4	3/4	3/4	3/4	3/4	3,781.89	3/4	3,497.35	3/4	3,212.80	3/4	2,928.25	3/4	2,643.70	3/4	2,359.15	3/4	2,074.60		
6	6	6	6	6	3,775.97	6	3,491.42	6	3,206.87	6	2,922.32	6	2,637.77	6	2,353.22	6	2,068.67		
1/4	1/4	1/4	1/4	1/4	3,770.04	1/4	3,485.49	1/4	3,200.94	1/4	2,916.39	1/4	2,631.84	1/4	2,347.29	1/4	2,062.74		
1/2	1/2	1/2	1/2	1/2	3,764.11	1/2	3,479.56	1/2	3,195.01	1/2	2,910.46	1/2	2,625.91	1/2	2,341.37	1/2	2,056.82		
3/4	3/4	3/4	3/4	3/4	4,007.17	3/4	3,758.18	3/4	3,473.63	3/4	3,189.08	3/4	2,904.54	3/4	2,619.99	3/4	2,335.44	3/4	2,050.89
7	7	7	7	7	4,006.18	7	3,752.25	7	3,467.70	7	3,183.16	7	2,898.61	7	2,614.06	7	2,329.51	7	2,044.96
1/4	1/4	1/4	1/4	1/4	4,005.19	1/4	3,746.33	1/4	3,461.78	1/4	3,177.23	1/4	2,892.68	1/4	2,608.13	1/4	2,323.58	1/4	2,039.03
1/2	1/2	1/2	1/2	1/2	4,004.20	1/2	3,740.40	1/2	3,455.85	1/2	3,171.30	1/2	2,886.75	1/2	2,602.20	1/2	2,317.65	1/2	2,033.10
3/4	3/4	3/4	3/4	3/4	4,003.21	3/4	3,734.47	3/4	3,449.92	3/4	3,165.37	3/4	2,880.82	3/4	2,596.27	3/4	2,311.73	3/4	2,027.18
8	8	8	8	8	4,000.25	8	3,728.54	8	3,443.99	8	3,159.44	8	2,874.89	8	2,590.35	8	2,305.80	8	2,021.25
1/4	1/4	1/4	1/4	1/4	3,997.29	1/4	3,722.61	1/4	3,438.06	1/4	3,153.52	1/4	2,868.97	1/4	2,584.42	1/4	2,299.87	1/4	2,015.32
1/2	1/2	1/2	1/2	1/2	3,994.32	1/2	3,716.68	1/2	3,432.14	1/2	3,147.59	1/2	2,863.04	1/2	2,578.49	1/2	2,293.94	1/2	2,009.39
3/4	3/4	3/4	3/4	3/4	3,991.36	3/4	3,710.76	3/4	3,426.21	3/4	3,141.66	3/4	2,857.11	3/4	2,572.56	3/4	2,288.01	3/4	2,003.46
9	9	9	9	9	3,986.42	9	3,704.83	9	3,420.28	9	3,135.73	9	2,851.18	9	2,566.63	9	2,282.08	9	1,997.54
1/4	1/4	1/4	1/4	1/4	3,981.48	1/4	3,698.90	1/4	3,414.35	1/4	3,129.80	1/4	2,845.25	1/4	2,560.71	1/4	2,276.16	1/4	1,991.61
1/2	1/2	1/2	1/2	1/2	3,976.53	1/2	3,692.97	1/2	3,408.42	1/2	3,123.87	1/2	2,839.33	1/2	2,554.78	1/2	2,270.23	1/2	1,985.68
3/4	3/4	3/4	3/4	3/4	3,971.59	3/4	3,687.04	3/4	3,402.50	3/4	3,117.95	3/4	2,833.40	3/4	2,548.85	3/4	2,264.30	3/4	1,979.75
10	10	10	10	10	3,965.67	10	3,681.12	10	3,396.57	10	3,112.02	10	2,827.47	10	2,542.92	10	2,258.37	10	1,973.82
1/4	1/4	1/4	1/4	1/4	3,959.74	1/4	3,675.19	1/4	3,390.64	1/4	3,106.09	1/4	2,821.54	1/4	2,536.99	1/4	2,252.44	1/4	1,967.90
1/2	1/2	1/2	1/2	1/2	3,953.81	1/2	3,669.26	1/2	3,384.71	1/2	3,100.16	1/2	2,815.61	1/2	2,531.06	1/2	2,246.52	1/2	1,961.97
3/4	3/4	3/4	3/4	3/4	3,947.88	3/4	3,663.33	3/4	3,378.78	3/4	3,094.23	3/4	2,809.69	3/4	2,525.14	3/4	2,240.59	3/4	1,956.04
11	11	11	11	11	3,941.95	11	3,657.40	11	3,372.86	11	3,088.31	11	2,803.76	11	2,519.21	11	2,234.66	11	1,950.11
1/4	1/4	1/4	1/4	1/4	3,936.02	1/4	3,651.48	1/4	3,366.93	1/4	3,082.38	1/4	2,797.83	1/4	2,513.28	1/4	2,228.73	1/4	1,944.18
1/2	1/2	1/2	1/2	1/2	3,930.10	1/2	3,645.55	1/2	3,361.00	1/2	3,076.45	1/2	2,791.90	1/2	2,507.35	1/2	2,222.80	1/2	1,938.25
3/4	3/4	3/4	3/4	3/4	3,924.17	3/4	3,639.62	3/4	3,355.07	3/4	3,070.52	3/4	2,785.97	3/4	2,501.42	3/4	2,216.88	3/4	1,932.33

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 31'-02 3/8" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 12503B"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	1,926.40	0	1,641.85	0	1,357.30	0	1,072.75	0	788.46	0	504.19	0	219.74	0		0		0	
1/4	1,920.47	1/4	1,635.92	1/4	1,351.37	1/4	1,066.82	1/4	782.55	1/4	498.27	1/4	213.81	1/4	1/4		1/4		1/4
1/2	1,914.54	1/2	1,629.99	1/2	1,345.44	1/2	1,060.90	1/2	776.63	1/2	492.35	1/2	207.88	1/2	1/2		1/2		1/2
3/4	1,908.61	3/4	1,624.07	3/4	1,339.52	3/4	1,054.97	3/4	770.71	3/4	486.43	3/4	201.96	3/4	3/4		3/4		3/4
1	1,902.69	1	1,618.14	1	1,333.59	1	1,049.04	1	764.79	1	480.51	1	196.03	1	1		1		1
1/4	1,896.76	1/4	1,612.21	1/4	1,327.66	1/4	1,043.11	1/4	758.87	1/4	474.59	1/4	190.10	1/4	1/4		1/4		1/4
1/2	1,890.83	1/2	1,606.28	1/2	1,321.73	1/2	1,037.18	1/2	752.95	1/2	468.67	1/2	184.17	1/2	1/2		1/2		1/2
3/4	1,884.90	3/4	1,600.35	3/4	1,315.80	3/4	1,031.26	3/4	747.03	3/4	462.75	3/4	178.24	3/4	3/4		3/4		3/4
2	1,878.97	2	1,594.43	2	1,309.88	2	1,025.33	2	741.11	2	456.83	2	172.32	2	2		2		2
1/4	1,873.05	1/4	1,588.50	1/4	1,303.95	1/4	1,019.40	1/4	735.19	1/4	450.91	1/4	166.39	1/4	1/4		1/4		1/4
1/2	1,867.12	1/2	1,582.57	1/2	1,298.02	1/2	1,013.47	1/2	729.27	1/2	444.99	1/2	160.46	1/2	1/2		1/2		1/2
3/4	1,861.19	3/4	1,576.64	3/4	1,292.09	3/4	1,007.54	3/4	723.35	3/4	439.07	3/4	154.53	3/4	3/4		3/4		3/4
3	1,855.26	3	1,570.71	3	1,286.16	3	1,001.62	3	717.43	3	433.14	3	148.60	3	3		3		3
1/4	1,849.33	1/4	1,564.78	1/4	1,280.24	1/4	995.69	1/4	711.50	1/4	427.22	1/4	142.68	1/4	1/4		1/4		1/4
1/2	1,843.41	1/2	1,558.86	1/2	1,274.31	1/2	989.76	1/2	705.57	1/2	421.29	1/2	136.75	1/2	1/2		1/2		1/2
3/4	1,837.48	3/4	1,552.93	3/4	1,268.38	3/4	983.83	3/4	699.64	3/4	415.36	3/4	130.82	3/4	3/4		3/4		3/4
4	1,831.55	4	1,547.00	4	1,262.45	4	977.90	4	693.71	4	409.43	4	124.89	4	4		4		4
1/4	1,825.62	1/4	1,541.07	1/4	1,256.52	1/4	971.97	1/4	687.79	1/4	403.50	1/4	118.96	1/4	1/4		1/4		1/4
1/2	1,819.69	1/2	1,535.14	1/2	1,250.60	1/2	966.05	1/2	681.86	1/2	397.58	1/2	113.04	1/2	1/2		1/2		1/2
3/4	1,813.76	3/4	1,529.22	3/4	1,244.67	3/4	960.12	3/4	675.93	3/4	391.65	3/4	107.11	3/4	3/4		3/4		3/4
5	1,807.84	5	1,523.29	5	1,238.74	5	954.20	5	670.00	5	385.72	5	101.18	5	5		5		5
1/4	1,801.91	1/4	1,517.36	1/4	1,232.81	1/4	948.28	1/4	664.07	1/4	379.79	1/4	95.25	1/4	1/4		1/4		1/4
1/2	1,795.98	1/2	1,511.43	1/2	1,226.88	1/2	942.36	1/2	658.15	1/2	373.86	1/2	89.33	1/2	1/2		1/2		1/2
3/4	1,790.05	3/4	1,505.50	3/4	1,220.95	3/4	936.44	3/4	652.22	3/4	367.94	3/4	83.40	3/4	3/4		3/4		3/4
6	1,784.12	6	1,499.58	6	1,215.03	6	930.52	6	646.29	6	362.01	6	77.47	6	6		6		6
1/4	1,778.20	1/4	1,493.65	1/4	1,209.10	1/4	924.60	1/4	640.36	1/4	356.08	1/4	71.54	1/4	1/4		1/4		1/4
1/2	1,772.27	1/2	1,487.72	1/2	1,203.17	1/2	918.68	1/2	634.43	1/2	350.15	1/2	65.61	1/2	1/2		1/2		1/2
3/4	1,766.34	3/4	1,481.79	3/4	1,197.24	3/4	912.77	3/4	628.50	3/4	344.22	3/4	59.69	3/4	3/4		3/4		3/4
7	1,760.41	7	1,475.86	7	1,191.31	7	906.85	7	622.58	7	338.30	7	53.76	7	7		7		7
1/4	1,754.48	1/4	1,469.93	1/4	1,185.39	1/4	900.93	1/4	616.67	1/4	332.37	1/4	47.83	1/4	1/4		1/4		1/4
1/2	1,748.56	1/2	1,464.01	1/2	1,179.46	1/2	895.01	1/2	610.75	1/2	326.44	1/2	41.90	1/2	1/2		1/2		1/2
3/4	1,742.63	3/4	1,458.08	3/4	1,173.53	3/4	889.09	3/4	604.83	3/4	320.51	3/4	35.97	3/4	3/4		3/4		3/4
8	1,736.70	8	1,452.15	8	1,167.60	8	883.17	8	598.91	8	314.59	8	31.03	8	8		8		8
1/4	1,730.77	1/4	1,446.22	1/4	1,161.67	1/4	877.25	1/4	592.99	1/4	308.66	1/4	26.09	1/4	1/4		1/4		1/4
1/2	1,724.84	1/2	1,440.29	1/2	1,155.75	1/2	871.33	1/2	587.07	1/2	302.73	1/2	21.15	1/2	1/2		1/2		1/2
3/4	1,718.92	3/4	1,434.37	3/4	1,149.82	3/4	865.41	3/4	581.15	3/4	296.80	3/4	16.21	3/4	3/4		3/4		3/4
9	1,712.99	9	1,428.44	9	1,143.89	9	859.49	9	575.23	9	290.87	9	13.25	9	9		9		9
1/4	1,707.06	1/4	1,422.51	1/4	1,137.96	1/4	853.57	1/4	569.31	1/4	284.95	1/4	10.29	1/4	1/4		1/4		1/4
1/2	1,701.13	1/2	1,416.58	1/2	1,132.03	1/2	847.66	1/2	563.39	1/2	279.02	1/2	7.32	1/2	1/2		1/2		1/2
3/4	1,695.20	3/4	1,410.65	3/4	1,126.11	3/4	841.74	3/4	557.47	3/4	273.09	3/4	4.36	3/4	3/4		3/4		3/4
10	1,689.27	10	1,404.73	10	1,120.18	10	835.82	10	551.55	10	267.16	10	3.37	10	10		10		10
1/4	1,683.35	1/4	1,398.80	1/4	1,114.25	1/4	829.90	1/4	545.63	1/4	261.23	1/4	2.38	1/4	1/4		1/4		1/4
1/2	1,677.42	1/2	1,392.87	1/2	1,108.32	1/2	823.98	1/2	539.71	1/2	255.31	1/2	1.40	1/2	1/2		1/2		1/2
3/4	1,671.49	3/4	1,386.94	3/4	1,102.39	3/4	818.06	3/4	533.79	3/4	249.38	3/4	0.41	3/4	3/4		3/4		3/4
11	1,665.56	11	1,381.01	11	1,096.46	11	812.14	11	527.87	11	243.45	11		11	11		11		11
1/4	1,659.63	1/4	1,375.09	1/4	1,090.54	1/4	806.22	1/4	521.95	1/4	237.52	1/4		1/4	1/4		1/4		1/4
1/2	1,653.71	1/2	1,369.16	1/2	1,084.61	1/2	800.30	1/2	516.03	1/2	231.59	1/2		1/2	1/2		1/2		1/2
3/4	1,647.78	3/4	1,363.23	3/4	1,078.68	3/4	794.38	3/4	510.11	3/4	225.67	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/19/2008 CL - SW
RECALCULATED: 09/12/2023 CL
REPRINTED: 09/12/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2023

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



BARGE "KIRBY 12503B"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	0	0	0	0	0	0	0	0	0	0	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		1/4
1/2		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		3/4
1	1	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		1/4
1/2		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		3/4
2	2	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		1/4
1/2		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		3/4
3	3	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		1/4
1/2		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		3/4
4	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		1/4
1/2		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		3/4
5	5	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		1/4
1/2		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		3/4
6	6	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		1/4
1/2		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		3/4
7	7	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		1/4
1/2		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		3/4
8	8	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		1/4
1/2		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		3/4
9	9	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		1/4
1/2		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		3/4
10	10	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		1/4
1/2		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		3/4
11	11	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		1/4
1/2		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		3/4

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'-07" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 12503B"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	1,932.50	0	1,646.10	0	1,359.70	0	1,073.31	0	788.85	0	505.86	0	221.14	0		0		0	
1/4	1,926.53	1/4	1,640.13	1/4	1,353.74	1/4	1,067.34	1/4	782.96	1/4	499.97	1/4	215.18	1/4	1/4		1/4		1/4
1/2	1,920.56	1/2	1,634.17	1/2	1,347.77	1/2	1,061.37	1/2	777.06	1/2	494.08	1/2	209.21	1/2	1/2		1/2		1/2
3/4	1,914.60	3/4	1,628.20	3/4	1,341.80	3/4	1,055.41	3/4	771.16	3/4	488.19	3/4	203.24	3/4	3/4		3/4		3/4
1	1,908.63	1	1,622.23	1	1,335.84	1	1,049.44	1	765.26	1	482.30	1	197.28	1	1		1		1
1/4	1,902.66	1/4	1,616.27	1/4	1,329.87	1/4	1,043.47	1/4	759.36	1/4	476.41	1/4	191.31	1/4	1/4		1/4		1/4
1/2	1,896.70	1/2	1,610.30	1/2	1,323.90	1/2	1,037.51	1/2	753.46	1/2	470.52	1/2	185.35	1/2	1/2		1/2		1/2
3/4	1,890.73	3/4	1,604.33	3/4	1,317.94	3/4	1,031.54	3/4	747.56	3/4	464.63	3/4	179.38	3/4	3/4		3/4		3/4
2	1,884.76	2	1,598.37	2	1,311.97	2	1,025.57	2	741.66	2	458.74	2	173.41	2	2		2		2
1/4	1,878.80	1/4	1,592.40	1/4	1,306.00	1/4	1,019.61	1/4	735.76	1/4	452.85	1/4	167.45	1/4	1/4		1/4		1/4
1/2	1,872.83	1/2	1,586.43	1/2	1,300.04	1/2	1,013.64	1/2	729.86	1/2	446.96	1/2	161.48	1/2	1/2		1/2		1/2
3/4	1,866.86	3/4	1,580.47	3/4	1,294.07	3/4	1,007.67	3/4	723.96	3/4	441.07	3/4	155.52	3/4	3/4		3/4		3/4
3	1,860.90	3	1,574.50	3	1,288.10	3	1,001.71	3	718.06	3	435.17	3	149.55	3	3		3		3
1/4	1,854.93	1/4	1,568.53	1/4	1,282.14	1/4	995.74	1/4	712.16	1/4	429.27	1/4	143.58	1/4	1/4		1/4		1/4
1/2	1,848.96	1/2	1,562.57	1/2	1,276.17	1/2	989.77	1/2	706.26	1/2	423.37	1/2	137.62	1/2	1/2		1/2		1/2
3/4	1,843.00	3/4	1,556.60	3/4	1,270.20	3/4	983.81	3/4	700.36	3/4	417.48	3/4	131.65	3/4	3/4		3/4		3/4
4	1,837.03	4	1,550.63	4	1,264.24	4	977.84	4	694.46	4	411.58	4	125.69	4	4		4		4
1/4	1,831.06	1/4	1,544.67	1/4	1,258.27	1/4	971.87	1/4	688.56	1/4	405.68	1/4	119.72	1/4	1/4		1/4		1/4
1/2	1,825.10	1/2	1,538.70	1/2	1,252.30	1/2	965.91	1/2	682.66	1/2	399.78	1/2	113.76	1/2	1/2		1/2		1/2
3/4	1,819.13	3/4	1,532.73	3/4	1,246.34	3/4	959.94	3/4	676.76	3/4	393.88	3/4	107.79	3/4	3/4		3/4		3/4
5	1,813.16	5	1,526.77	5	1,240.37	5	954.04	5	670.86	5	387.98	5	101.82	5	5		5		5
1/4	1,807.20	1/4	1,520.80	1/4	1,234.40	1/4	948.14	1/4	664.97	1/4	382.09	1/4	95.86	1/4	1/4		1/4		1/4
1/2	1,801.23	1/2	1,514.83	1/2	1,228.44	1/2	942.24	1/2	659.07	1/2	376.19	1/2	89.89	1/2	1/2		1/2		1/2
3/4	1,795.26	3/4	1,508.87	3/4	1,222.47	3/4	936.34	3/4	653.17	3/4	370.29	3/4	83.93	3/4	3/4		3/4		3/4
6	1,789.30	6	1,502.90	6	1,216.50	6	930.44	6	647.27	6	364.32	6	77.96	6	6		6		6
1/4	1,783.33	1/4	1,496.93	1/4	1,210.54	1/4	924.54	1/4	641.37	1/4	358.36	1/4	71.99	1/4	1/4		1/4		1/4
1/2	1,777.36	1/2	1,490.97	1/2	1,204.57	1/2	918.64	1/2	635.47	1/2	352.39	1/2	66.03	1/2	1/2		1/2		1/2
3/4	1,771.40	3/4	1,485.00	3/4	1,198.60	3/4	912.74	3/4	629.57	3/4	346.43	3/4	60.06	3/4	3/4		3/4		3/4
7	1,765.43	7	1,479.03	7	1,192.64	7	906.84	7	623.68	7	340.46	7	54.10	7	7		7		7
1/4	1,759.46	1/4	1,473.07	1/4	1,186.67	1/4	900.95	1/4	617.79	1/4	334.49	1/4	48.13	1/4	1/4		1/4		1/4
1/2	1,753.50	1/2	1,467.10	1/2	1,180.70	1/2	895.05	1/2	611.89	1/2	328.53	1/2	42.16	1/2	1/2		1/2		1/2
3/4	1,747.53	3/4	1,461.13	3/4	1,174.74	3/4	889.15	3/4	606.00	3/4	322.56	3/4	36.20	3/4	3/4		3/4		3/4
8	1,741.56	8	1,455.17	8	1,168.77	8	883.25	8	600.11	8	316.60	8	31.23	8	8		8		8
1/4	1,735.60	1/4	1,449.20	1/4	1,162.80	1/4	877.35	1/4	594.22	1/4	310.63	1/4	26.26	1/4	1/4		1/4		1/4
1/2	1,729.63	1/2	1,443.23	1/2	1,156.84	1/2	871.45	1/2	588.33	1/2	304.66	1/2	21.28	1/2	1/2		1/2		1/2
3/4	1,723.66	3/4	1,437.27	3/4	1,150.87	3/4	865.55	3/4	582.44	3/4	298.70	3/4	16.31	3/4	3/4		3/4		3/4
9	1,717.70	9	1,431.30	9	1,144.90	9	859.65	9	576.55	9	292.73	9	13.33	9	9		9		9
1/4	1,711.73	1/4	1,425.33	1/4	1,138.94	1/4	853.75	1/4	570.66	1/4	286.77	1/4	10.35	1/4	1/4		1/4		1/4
1/2	1,705.77	1/2	1,419.37	1/2	1,132.97	1/2	847.85	1/2	564.77	1/2	280.80	1/2	7.37	1/2	1/2		1/2		1/2
3/4	1,699.80	3/4	1,413.40	3/4	1,127.00	3/4	841.95	3/4	558.87	3/4	274.83	3/4	4.38	3/4	3/4		3/4		3/4
10	1,693.83	10	1,407.44	10	1,121.04	10	836.05	10	552.98	10	268.87	10	3.39	10	10		10		10
1/4	1,687.87	1/4	1,401.47	1/4	1,115.07	1/4	830.15	1/4	547.09	1/4	262.90	1/4	2.40	1/4	1/4		1/4		1/4
1/2	1,681.90	1/2	1,395.50	1/2	1,109.11	1/2	824.25	1/2	541.20	1/2	256.94	1/2	1.40	1/2	1/2		1/2		1/2
3/4	1,675.93	3/4	1,389.54	3/4	1,103.14	3/4	818.35	3/4	535.31	3/4	250.97	3/4	0.41	3/4	3/4		3/4		3/4
11	1,669.97	11	1,383.57	11	1,097.17	11	812.45	11	529.42	11	245.01	11		11	11		11		11
1/4	1,664.00	1/4	1,377.60	1/4	1,091.21	1/4	806.55	1/4	523.53	1/4	239.04	1/4		1/4	1/4		1/4		1/4
1/2	1,658.03	1/2	1,371.64	1/2	1,085.24	1/2	800.65	1/2	517.64	1/2	233.07	1/2		1/2	1/2		1/2		1/2
3/4	1,652.07	3/4	1,365.67	3/4	1,079.27	3/4	794.75	3/4	511.75	3/4	227.11	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/19/2008 CL - SW
RECALCULATED: 09/12/2023 CL
REPRINTED: 09/12/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2023

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BARGE "KIRBY 12503B"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	0	0	0	0	3,767.27	0	3,533.44	0	3,299.62	0	3,065.80	0	2,800.09	0	2,513.14	0	2,225.92		
1/4	1/4	1/4	1/4	1/4	3,762.39	1/4	3,528.57	1/4	3,294.75	1/4	3,060.93	1/4	2,794.11	1/4	2,507.16	1/4	2,219.93		
1/2	1/2	1/2	1/2	1/2	3,757.52	1/2	3,523.70	1/2	3,289.88	1/2	3,056.06	1/2	2,788.14	1/2	2,501.18	1/2	2,213.95		
3/4	3/4	3/4	3/4	3/4	3,752.65	3/4	3,518.83	3/4	3,285.01	3/4	3,051.18	3/4	2,782.16	3/4	2,495.20	3/4	2,207.96		
1	1	1	1	1	3,747.78	1	3,513.96	1	3,280.14	1	3,046.31	1	2,776.18	1	2,489.22	1	2,201.98		
1/4	1/4	1/4	1/4	1/4	3,742.91	1/4	3,509.09	1/4	3,275.26	1/4	3,041.44	1/4	2,770.20	1/4	2,483.24	1/4	2,195.99		
1/2	1/2	1/2	1/2	1/2	3,738.04	1/2	3,504.22	1/2	3,270.39	1/2	3,036.57	1/2	2,764.22	1/2	2,477.26	1/2	2,190.01		
3/4	3/4	3/4	3/4	3/4	3,733.17	3/4	3,499.34	3/4	3,265.52	3/4	3,031.70	3/4	2,758.24	3/4	2,471.28	3/4	2,184.02		
2	2	2	2	2	3,728.29	2	3,494.47	2	3,260.65	2	3,026.85	2	2,752.26	2	2,465.30	2	2,178.03		
1/4	1/4	1/4	1/4	1/4	3,723.42	1/4	3,489.60	1/4	3,255.78	1/4	3,021.99	1/4	2,746.29	1/4	2,459.32	1/4	2,172.05		
1/2	1/2	1/2	1/2	1/2	3,718.55	1/2	3,484.73	1/2	3,250.91	1/2	3,017.14	1/2	2,740.31	1/2	2,453.35	1/2	2,166.06		
3/4	3/4	3/4	3/4	3/4	3,713.68	3/4	3,479.86	3/4	3,246.04	3/4	3,012.29	3/4	2,734.33	3/4	2,447.37	3/4	2,160.08		
3	3	3	3	3	3,708.81	3	3,474.99	3	3,241.16	3	3,007.44	3	2,728.35	3	2,441.39	3	2,154.09		
1/4	1/4	1/4	1/4	1/4	3,703.94	1/4	3,470.12	1/4	3,236.29	1/4	3,002.59	1/4	2,722.37	1/4	2,435.41	1/4	2,148.11		
1/2	1/2	1/2	1/2	1/2	3,699.07	1/2	3,465.24	1/2	3,231.42	1/2	2,997.73	1/2	2,716.39	1/2	2,429.43	1/2	2,142.12		
3/4	3/4	3/4	3/4	3/4	3,694.20	3/4	3,460.37	3/4	3,226.55	3/4	2,992.88	3/4	2,710.41	3/4	2,423.45	3/4	2,136.13		
4	4	4	4	4	3,689.32	4	3,455.50	4	3,221.68	4	2,988.03	4	2,704.44	4	2,417.46	4	2,130.15		
1/4	1/4	1/4	1/4	1/4	3,684.45	1/4	3,450.63	1/4	3,216.81	1/4	2,983.18	1/4	2,698.46	1/4	2,411.48	1/4	2,124.16		
1/2	1/2	1/2	1/2	1/2	3,679.58	1/2	3,445.76	1/2	3,211.94	1/2	2,978.32	1/2	2,692.48	1/2	2,405.49	1/2	2,118.18		
3/4	3/4	3/4	3/4	3/4	3,674.71	3/4	3,440.89	3/4	3,207.07	3/4	2,973.47	3/4	2,686.50	3/4	2,399.51	3/4	2,112.19		
5	5	5	5	5	3,669.84	5	3,436.02	5	3,202.19	5	2,968.59	5	2,680.52	5	2,393.52	5	2,106.21		
1/4	1/4	1/4	1/4	1/4	3,664.97	1/4	3,431.15	1/4	3,197.32	1/4	2,963.72	1/4	2,674.54	1/4	2,387.53	1/4	2,100.22		
1/2	1/2	1/2	1/2	1/2	3,660.10	1/2	3,426.27	1/2	3,192.45	1/2	2,958.85	1/2	2,668.56	1/2	2,381.55	1/2	2,094.24		
3/4	3/4	3/4	3/4	3/4	3,655.23	3/4	3,421.40	3/4	3,187.58	3/4	2,949.56	3/4	2,662.59	3/4	2,375.56	3/4	2,088.25		
6	6	6	6	6	3,650.35	6	3,416.53	6	3,182.71	6	2,944.68	6	2,656.61	6	2,369.58	6	2,082.26		
1/4	1/4	1/4	1/4	1/4	3,645.48	1/4	3,411.66	1/4	3,177.84	1/4	2,939.81	1/4	2,650.63	1/4	2,363.59	1/4	2,076.28		
1/2	1/2	1/2	1/2	1/2	3,640.61	1/2	3,406.79	1/2	3,172.97	1/2	2,934.94	1/2	2,644.65	1/2	2,357.61	1/2	2,070.29		
3/4	3/4	3/4	3/4	3/4	3,635.74	3/4	3,401.92	3/4	3,168.10	3/4	2,930.07	3/4	2,638.67	3/4	2,351.62	3/4	2,064.31		
7	7	7	7	7	3,847.09	7	3,630.87	7	3,397.05	7	3,163.22	7	2,919.67	7	2,632.69	7	2,345.63	7	2,058.32
1/4	1/4	1/4	1/4	1/4	3,846.09	1/4	3,626.00	1/4	3,392.18	1/4	3,158.35	1/4	2,913.69	1/4	2,626.71	1/4	2,339.65	1/4	2,052.34
1/2	1/2	1/2	1/2	1/2	3,844.09	1/2	3,621.13	1/2	3,387.30	1/2	3,153.48	1/2	2,907.71	1/2	2,620.74	1/2	2,333.66	1/2	2,046.35
3/4	3/4	3/4	3/4	3/4	3,843.09	3/4	3,616.25	3/4	3,382.43	3/4	3,148.61	3/4	2,901.73	3/4	2,614.76	3/4	2,327.68	3/4	2,040.36
8	8	8	8	8	3,840.09	8	3,611.38	8	3,377.56	8	3,143.74	8	2,895.75	8	2,608.78	8	2,321.69	8	2,034.40
1/4	1/4	1/4	1/4	1/4	3,837.09	1/4	3,606.51	1/4	3,372.69	1/4	3,138.87	1/4	2,889.77	1/4	2,602.80	1/4	2,315.71	1/4	2,028.44
1/2	1/2	1/2	1/2	1/2	3,834.09	1/2	3,601.64	1/2	3,367.82	1/2	3,134.00	1/2	2,883.79	1/2	2,596.82	1/2	2,309.72	1/2	2,022.48
3/4	3/4	3/4	3/4	3/4	3,831.10	3/4	3,596.77	3/4	3,362.95	3/4	3,129.12	3/4	2,877.81	3/4	2,590.84	3/4	2,303.73	3/4	2,016.51
9	9	9	9	9	3,826.10	9	3,591.90	9	3,358.08	9	3,124.25	9	2,871.84	9	2,584.86	9	2,297.75	9	2,010.55
1/4	1/4	1/4	1/4	1/4	3,821.10	1/4	3,587.03	1/4	3,353.20	1/4	3,119.38	1/4	2,865.86	1/4	2,578.88	1/4	2,291.76	1/4	2,004.59
1/2	1/2	1/2	1/2	1/2	3,816.10	1/2	3,582.16	1/2	3,348.33	1/2	3,114.51	1/2	2,859.88	1/2	2,572.91	1/2	2,285.78	1/2	1,998.62
3/4	3/4	3/4	3/4	3/4	3,811.11	3/4	3,577.28	3/4	3,343.46	3/4	3,109.64	3/4	2,853.90	3/4	2,566.93	3/4	2,279.79	3/4	1,992.66
10	10	10	10	10	3,806.24	10	3,572.41	10	3,338.59	10	3,104.77	10	2,847.92	10	2,560.95	10	2,273.81	10	1,986.70
1/4	1/4	1/4	1/4	1/4	3,801.36	1/4	3,567.54	1/4	3,333.72	1/4	3,099.90	1/4	2,841.94	1/4	2,554.98	1/4	2,267.82	1/4	1,980.74
1/2	1/2	1/2	1/2	1/2	3,796.49	1/2	3,562.67	1/2	3,328.85	1/2	3,095.03	1/2	2,835.96	1/2	2,549.01	1/2	2,261.83	1/2	1,974.77
3/4	3/4	3/4	3/4	3/4	3,791.62	3/4	3,557.80	3/4	3,323.98	3/4	3,090.15	3/4	2,829.99	3/4	2,543.03	3/4	2,255.85	3/4	1,968.81
11	11	11	11	11	3,786.75	11	3,552.93	11	3,319.11	11	3,085.28	11	2,824.01	11	2,537.06	11	2,249.86	11	1,962.85
1/4	1/4	1/4	1/4	1/4	3,781.88	1/4	3,548.06	1/4	3,314.23	1/4	3,080.41	1/4	2,818.03	1/4	2,531.08	1/4	2,243.88	1/4	1,956.88
1/2	1/2	1/2	1/2	1/2	3,777.01	1/2	3,543.19	1/2	3,309.36	1/2	3,075.54	1/2	2,812.05	1/2	2,525.10	1/2	2,237.89	1/2	1,950.92
3/4	3/4	3/4	3/4	3/4	3,772.14	3/4	3,538.31	3/4	3,304.49	3/4	3,070.67	3/4	2,806.07	3/4	2,519.12	3/4	2,231.91	3/4	1,944.96

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 3/4" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 12503B"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	1,939.00	0	1,652.21	0	1,364.90	0	1,077.84	0	795.35	0	509.89	0	222.29	0		0		0	
1/4	1,933.03	1/4	1,646.23	1/4	1,358.92	1/4	1,071.87	1/4	789.53	1/4	503.91	1/4	216.30	1/4	1/4		1/4		1/4
1/2	1,927.07	1/2	1,640.24	1/2	1,352.93	1/2	1,065.89	1/2	783.71	1/2	497.93	1/2	210.30	1/2	1/2		1/2		1/2
3/4	1,921.11	3/4	1,634.25	3/4	1,346.95	3/4	1,059.91	3/4	777.89	3/4	491.95	3/4	204.30	3/4	3/4		3/4		3/4
1	1,915.14	1	1,628.27	1	1,340.96	1	1,053.94	1	772.07	1	485.97	1	198.30	1	1		1		1
1/4	1,909.18	1/4	1,622.28	1/4	1,334.97	1/4	1,047.96	1/4	766.25	1/4	479.99	1/4	192.31	1/4	1/4		1/4		1/4
1/2	1,903.22	1/2	1,616.30	1/2	1,328.99	1/2	1,041.99	1/2	760.43	1/2	474.02	1/2	186.31	1/2	1/2		1/2		1/2
3/4	1,897.26	3/4	1,610.31	3/4	1,323.00	3/4	1,036.01	3/4	754.61	3/4	468.04	3/4	180.31	3/4	3/4		3/4		3/4
2	1,891.29	2	1,604.33	2	1,317.02	2	1,030.02	2	748.78	2	462.06	2	174.32	2	2		2		2
1/4	1,885.33	1/4	1,598.34	1/4	1,311.03	1/4	1,024.04	1/4	742.96	1/4	456.08	1/4	168.32	1/4	1/4		1/4		1/4
1/2	1,879.37	1/2	1,592.36	1/2	1,305.05	1/2	1,018.05	1/2	737.14	1/2	450.11	1/2	162.32	1/2	1/2		1/2		1/2
3/4	1,873.41	3/4	1,586.37	3/4	1,299.06	3/4	1,012.06	3/4	731.32	3/4	444.13	3/4	156.33	3/4	3/4		3/4		3/4
3	1,867.44	3	1,580.38	3	1,293.08	3	1,006.08	3	725.33	3	438.14	3	150.33	3	3		3		3
1/4	1,861.48	1/4	1,574.40	1/4	1,287.09	1/4	1,000.09	1/4	719.34	1/4	432.15	1/4	144.33	1/4	1/4		1/4		1/4
1/2	1,855.52	1/2	1,568.41	1/2	1,281.10	1/2	994.10	1/2	713.35	1/2	426.17	1/2	138.33	1/2	1/2		1/2		1/2
3/4	1,849.55	3/4	1,562.43	3/4	1,275.12	3/4	988.11	3/4	707.36	3/4	420.18	3/4	132.34	3/4	3/4		3/4		3/4
4	1,843.59	4	1,556.44	4	1,269.13	4	982.13	4	701.37	4	414.18	4	126.34	4	4		4		4
1/4	1,837.63	1/4	1,550.46	1/4	1,263.15	1/4	976.14	1/4	695.38	1/4	408.19	1/4	120.34	1/4	1/4		1/4		1/4
1/2	1,831.67	1/2	1,544.47	1/2	1,257.16	1/2	970.15	1/2	689.39	1/2	402.20	1/2	114.35	1/2	1/2		1/2		1/2
3/4	1,825.70	3/4	1,538.49	3/4	1,251.18	3/4	964.17	3/4	683.41	3/4	396.21	3/4	108.35	3/4	3/4		3/4		3/4
5	1,819.74	5	1,532.50	5	1,245.19	5	958.34	5	677.42	5	390.21	5	102.35	5	5		5		5
1/4	1,813.78	1/4	1,526.51	1/4	1,239.21	1/4	952.52	1/4	671.43	1/4	384.21	1/4	96.36	1/4	1/4		1/4		1/4
1/2	1,807.81	1/2	1,520.53	1/2	1,233.22	1/2	946.70	1/2	665.44	1/2	378.21	1/2	90.36	1/2	1/2		1/2		1/2
3/4	1,801.85	3/4	1,514.54	3/4	1,227.23	3/4	940.88	3/4	659.45	3/4	372.22	3/4	84.36	3/4	3/4		3/4		3/4
6	1,795.87	6	1,508.56	6	1,221.26	6	935.06	6	653.46	6	366.22	6	78.36	6	6		6		6
1/4	1,789.88	1/4	1,502.57	1/4	1,215.28	1/4	929.24	1/4	647.47	1/4	360.22	1/4	72.37	1/4	1/4		1/4		1/4
1/2	1,783.89	1/2	1,496.59	1/2	1,209.31	1/2	923.42	1/2	641.48	1/2	354.23	1/2	66.37	1/2	1/2		1/2		1/2
3/4	1,777.91	3/4	1,490.60	3/4	1,203.33	3/4	917.60	3/4	635.49	3/4	348.23	3/4	60.37	3/4	3/4		3/4		3/4
7	1,771.92	7	1,484.61	7	1,197.36	7	911.78	7	629.51	7	342.23	7	54.38	7	7		7		7
1/4	1,765.94	1/4	1,478.63	1/4	1,191.38	1/4	905.95	1/4	623.53	1/4	336.24	1/4	48.38	1/4	1/4		1/4		1/4
1/2	1,759.95	1/2	1,472.64	1/2	1,185.40	1/2	900.13	1/2	617.55	1/2	330.24	1/2	42.38	1/2	1/2		1/2		1/2
3/4	1,753.97	3/4	1,466.66	3/4	1,179.43	3/4	894.31	3/4	611.56	3/4	324.24	3/4	36.39	3/4	3/4		3/4		3/4
8	1,747.98	8	1,460.67	8	1,173.45	8	888.49	8	605.58	8	318.24	8	31.39	8	8		8		8
1/4	1,742.00	1/4	1,454.69	1/4	1,167.48	1/4	882.67	1/4	599.60	1/4	312.25	1/4	26.39	1/4	1/4		1/4		1/4
1/2	1,736.01	1/2	1,448.70	1/2	1,161.50	1/2	876.85	1/2	593.62	1/2	306.25	1/2	21.39	1/2	1/2		1/2		1/2
3/4	1,730.02	3/4	1,442.72	3/4	1,155.53	3/4	871.03	3/4	587.64	3/4	300.25	3/4	16.40	3/4	3/4		3/4		3/4
9	1,724.04	9	1,436.73	9	1,149.55	9	865.21	9	581.66	9	294.26	9	13.40	9	9		9		9
1/4	1,718.05	1/4	1,430.74	1/4	1,143.57	1/4	859.39	1/4	575.68	1/4	288.26	1/4	10.40	1/4	1/4		1/4		1/4
1/2	1,712.07	1/2	1,424.76	1/2	1,137.60	1/2	853.56	1/2	569.70	1/2	282.26	1/2	7.40	1/2	1/2		1/2		1/2
3/4	1,706.08	3/4	1,418.77	3/4	1,131.62	3/4	847.74	3/4	563.71	3/4	276.27	3/4	4.40	3/4	3/4		3/4		3/4
10	1,700.10	10	1,412.79	10	1,125.65	10	841.92	10	557.73	10	270.27	10	3.40	10	10		10		10
1/4	1,694.11	1/4	1,406.80	1/4	1,119.67	1/4	836.10	1/4	551.75	1/4	264.27	1/4	2.41	1/4	1/4		1/4		1/4
1/2	1,688.13	1/2	1,400.82	1/2	1,113.70	1/2	830.28	1/2	545.77	1/2	258.27	1/2	1.41	1/2	1/2		1/2		1/2
3/4	1,682.14	3/4	1,394.83	3/4	1,107.72	3/4	824.46	3/4	539.79	3/4	252.28	3/4	0.41	3/4	3/4		3/4		3/4
11	1,676.15	11	1,388.85	11	1,101.74	11	818.64	11	533.81	11	246.28	11		11	11		11		11
1/4	1,670.17	1/4	1,382.86	1/4	1,095.77	1/4	812.82	1/4	527.83	1/4	240.28	1/4		1/4	1/4		1/4		1/4
1/2	1,664.18	1/2	1,376.87	1/2	1,089.79	1/2	807.00	1/2	521.85	1/2	234.29	1/2		1/2	1/2		1/2		1/2
3/4	1,658.20	3/4	1,370.89	3/4	1,083.82	3/4	801.17	3/4	515.87	3/4	228.29	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/19/2008 CL - SW
RECALCULATED: 09/12/2023 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2023

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