



BARGE "KIRBY 15801"

PORT INNAGE TABLE

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

FORMERLY "HW CHEM 157"

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	0.00	0	144.90	0	405.05	0	732.19	0	1,105.86	0	1,512.10	0	1,939.79	0	2,379.14	0	2,821.12	0	3,256.76
1/4	0.88	1/4	149.50	1/4	411.31	1/4	739.59	1/4	1,114.05	1/4	1,520.84	1/4	1,948.86	1/4	2,388.36	1/4	2,830.29	1/4	3,265.69
1/2	1.75	1/2	154.10	1/2	417.57	1/2	746.99	1/2	1,122.25	1/2	1,529.58	1/2	1,957.93	1/2	2,397.57	1/2	2,839.45	1/2	3,274.62
3/4	2.63	3/4	158.69	3/4	423.83	3/4	754.39	3/4	1,130.45	3/4	1,538.33	3/4	1,967.00	3/4	2,406.79	3/4	2,848.62	3/4	3,283.55
1	3.50	1	163.29	1	430.10	1	761.79	1	1,138.64	1	1,547.07	1	1,976.07	1	2,416.00	1	2,857.79	1	3,292.48
1/4	5.10	1/4	168.05	1/4	436.47	1/4	769.26	1/4	1,146.89	1/4	1,555.85	1/4	1,985.17	1/4	2,425.22	1/4	2,866.95	1/4	3,301.38
1/2	6.69	1/2	172.81	1/2	442.85	1/2	776.73	1/2	1,155.14	1/2	1,564.62	1/2	1,994.26	1/2	2,434.44	1/2	2,876.11	1/2	3,310.29
3/4	8.29	3/4	177.57	3/4	449.22	3/4	784.20	3/4	1,163.39	3/4	1,573.39	3/4	2,003.36	3/4	2,443.66	3/4	2,885.27	3/4	3,319.19
2	9.88	2	182.33	2	455.60	2	791.67	2	1,171.64	2	1,582.17	2	2,012.45	2	2,452.88	2	2,894.43	2	3,328.10
1/4	11.95	1/4	187.26	1/4	462.08	1/4	799.21	1/4	1,179.94	1/4	1,590.98	1/4	2,021.56	1/4	2,462.10	1/4	2,903.57	1/4	3,336.97
1/2	14.02	1/2	192.19	1/2	468.56	1/2	806.76	1/2	1,188.24	1/2	1,599.79	1/2	2,030.67	1/2	2,471.31	1/2	2,912.70	1/2	3,345.85
3/4	16.10	3/4	197.12	3/4	475.04	3/4	814.31	3/4	1,196.54	3/4	1,608.60	3/4	2,039.77	3/4	2,480.52	3/4	2,921.84	3/4	3,354.72
3	18.17	3	202.05	3	481.52	3	821.86	3	1,204.83	3	1,617.40	3	2,048.88	3	2,489.74	3	2,930.98	3	3,363.60
1/4	20.62	1/4	207.13	1/4	488.11	1/4	829.48	1/4	1,213.18	1/4	1,626.25	1/4	2,058.01	1/4	2,498.96	1/4	2,940.11	1/4	3,372.43
1/2	23.07	1/2	212.21	1/2	494.69	1/2	837.11	1/2	1,221.54	1/2	1,635.10	1/2	2,067.13	1/2	2,508.18	1/2	2,949.24	1/2	3,381.27
3/4	25.52	3/4	217.30	3/4	501.27	3/4	844.73	3/4	1,229.89	3/4	1,643.94	3/4	2,076.26	3/4	2,517.40	3/4	2,958.37	3/4	3,390.11
4	27.98	4	222.38	4	507.86	4	852.36	4	1,238.24	4	1,652.79	4	2,085.38	4	2,526.62	4	2,967.50	4	3,398.95
1/4	30.76	1/4	227.61	1/4	514.55	1/4	860.05	1/4	1,246.64	1/4	1,661.65	1/4	2,094.52	1/4	2,535.84	1/4	2,976.61	1/4	3,407.77
1/2	33.54	1/2	232.85	1/2	521.24	1/2	867.74	1/2	1,255.05	1/2	1,670.52	1/2	2,103.67	1/2	2,545.06	1/2	2,985.71	1/2	3,416.58
3/4	36.32	3/4	238.08	3/4	527.93	3/4	875.43	3/4	1,263.45	3/4	1,679.39	3/4	2,112.81	3/4	2,554.28	3/4	2,994.82	3/4	3,425.40
5	39.10	5	243.31	5	534.62	5	883.12	5	1,271.86	5	1,688.26	5	2,121.95	5	2,563.50	5	3,003.93	5	3,434.21
1/4	42.17	1/4	248.69	1/4	541.40	1/4	890.89	1/4	1,280.30	1/4	1,697.17	1/4	2,131.11	1/4	2,572.71	1/4	3,013.02	1/4	3,442.99
1/2	45.24	1/2	254.07	1/2	548.19	1/2	898.65	1/2	1,288.75	1/2	1,706.07	1/2	2,140.26	1/2	2,581.93	1/2	3,022.12	1/2	3,451.76
3/4	48.31	3/4	259.45	3/4	554.98	3/4	906.42	3/4	1,297.20	3/4	1,714.98	3/4	2,149.42	3/4	2,591.14	3/4	3,031.21	3/4	3,460.54
6	51.38	6	264.83	6	561.76	6	914.19	6	1,305.64	6	1,723.88	6	2,158.57	6	2,600.36	6	3,040.31	6	3,469.31
1/4	54.72	1/4	270.35	1/4	568.64	1/4	922.02	1/4	1,314.14	1/4	1,732.82	1/4	2,167.74	1/4	2,609.57	1/4	3,049.38	1/4	3,478.05
1/2	58.06	1/2	275.87	1/2	575.51	1/2	929.85	1/2	1,322.64	1/2	1,741.75	1/2	2,176.90	1/2	2,618.79	1/2	3,058.45	1/2	3,486.79
3/4	61.40	3/4	281.39	3/4	582.39	3/4	937.67	3/4	1,331.14	3/4	1,750.68	3/4	2,186.07	3/4	2,628.00	3/4	3,067.52	3/4	3,495.52
7	64.74	7	286.90	7	589.26	7	945.50	7	1,339.64	7	1,759.62	7	2,195.24	7	2,637.21	7	3,076.60	7	3,504.26
1/4	68.32	1/4	292.56	1/4	596.24	1/4	953.39	1/4	1,348.18	1/4	1,768.58	1/4	2,204.42	1/4	2,646.42	1/4	3,085.65	1/4	3,512.97
1/2	71.90	1/2	298.21	1/2	603.21	1/2	961.29	1/2	1,356.71	1/2	1,777.54	1/2	2,213.60	1/2	2,655.63	1/2	3,094.70	1/2	3,521.68
3/4	75.49	3/4	303.87	3/4	610.19	3/4	969.18	3/4	1,365.25	3/4	1,786.49	3/4	2,222.77	3/4	2,664.84	3/4	3,103.76	3/4	3,530.39
8	79.07	8	309.52	8	617.17	8	977.07	8	1,373.79	8	1,795.45	8	2,231.95	8	2,674.05	8	3,112.81	8	3,539.10
1/4	82.88	1/4	315.31	1/4	624.23	1/4	985.03	1/4	1,382.37	1/4	1,804.44	1/4	2,241.14	1/4	2,683.26	1/4	3,121.84	1/4	3,547.76
1/2	86.68	1/2	321.10	1/2	631.29	1/2	992.99	1/2	1,390.95	1/2	1,813.43	1/2	2,250.33	1/2	2,692.46	1/2	3,130.87	1/2	3,556.42
3/4	90.48	3/4	326.88	3/4	638.35	3/4	1,000.95	3/4	1,399.54	3/4	1,822.42	3/4	2,259.52	3/4	2,701.67	3/4	3,139.90	3/4	3,565.08
9	94.29	9	332.67	9	645.40	9	1,008.90	9	1,408.12	9	1,831.40	9	2,268.71	9	2,710.88	9	3,148.93	9	3,573.74
1/4	98.31	1/4	338.58	1/4	652.55	1/4	1,016.93	1/4	1,416.74	1/4	1,840.41	1/4	2,277.91	1/4	2,720.08	1/4	3,157.94	1/4	3,582.36
1/2	102.33	1/2	344.49	1/2	659.70	1/2	1,024.95	1/2	1,425.37	1/2	1,849.42	1/2	2,287.11	1/2	2,729.27	1/2	3,166.95	1/2	3,590.99
3/4	106.36	3/4	350.40	3/4	666.85	3/4	1,032.98	3/4	1,433.99	3/4	1,858.42	3/4	2,296.30	3/4	2,738.47	3/4	3,175.96	3/4	3,599.61
10	110.38	10	356.31	10	674.00	10	1,041.00	10	1,442.62	10	1,867.43	10	2,305.50	10	2,747.67	10	3,184.98	10	3,608.24
1/4	114.60	1/4	362.35	1/4	681.23	1/4	1,049.08	1/4	1,451.29	1/4	1,876.46	1/4	2,314.70	1/4	2,756.85	1/4	3,193.96	1/4	3,616.82
1/2	118.82	1/2	368.38	1/2	688.46	1/2	1,057.15	1/2	1,459.95	1/2	1,885.50	1/2	2,323.90	1/2	2,766.04	1/2	3,202.94	1/2	3,625.40
3/4	123.04	3/4	374.42	3/4	695.70	3/4	1,065.23	3/4	1,468.62	3/4	1,894.54	3/4	2,333.11	3/4	2,775.22	3/4	3,211.92	3/4	3,633.99
11	127.26	11	380.45	11	702.93	11	1,073.31	11	1,477.29	11	1,903.57	11	2,342.31	11	2,784.40	11	3,220.90	11	3,642.57
1/4	131.67	1/4	386.60	1/4	710.24	1/4	1,081.45	1/4	1,485.99	1/4	1,912.63	1/4	2,351.52	1/4	2,793.58	1/4	3,229.87	1/4	3,651.11
1/2	136.08	1/2	392.75	1/2	717.56	1/2	1,089.58	1/2	1,494.69	1/2	1,921.68	1/2	2,360.73	1/2	2,802.76	1/2	3,238.83	1/2	3,659.65
3/4	140.49	3/4	398.90	3/4	724.87	3/4	1,097.72	3/4	1,503.39	3/4	1,930.73	3/4	2,369.93	3/4	2,811.94	3/4	3,247.80	3/4	3,668.20

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

TABLE SCALED FROM EXTREME BOTTOM OF TANK.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

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BARGE "KIRBY 15801"

PORT INNAGE TABLE

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

FORMERLY "HW CHEM 157"

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	3,676.74	0	4,070.88	0	4,427.10	0	4,729.45	0	4,951.64	0		0		0		0		0	
1/4	3,685.23	1/4	4,078.71	1/4	4,433.98	1/4	4,734.98	1/4	4,954.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.73	1/2	4,086.54	1/2	4,440.86	1/2	4,740.50	1/2	4,958.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,702.22	3/4	4,094.36	3/4	4,447.74	3/4	4,746.02	3/4	4,961.64	3/4		3/4		3/4		3/4		3/4	
1	3,710.71	1	4,102.19	1	4,454.62	1	4,751.55	1	4,964.98	1		1		1		1		1	
1/4	3,719.17	1/4	4,109.95	1/4	4,461.40	1/4	4,756.93	1/4	4,968.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,727.62	1/2	4,117.71	1/2	4,468.19	1/2	4,762.31	1/2	4,971.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,736.07	3/4	4,125.48	3/4	4,474.98	3/4	4,767.69	3/4	4,974.21	3/4		3/4		3/4		3/4		3/4	
2	3,744.52	2	4,133.24	2	4,481.76	2	4,773.07	2	4,977.29	2		2		2		2		2	
1/4	3,752.92	1/4	4,140.93	1/4	4,488.45	1/4	4,778.30	1/4	4,980.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,761.32	1/2	4,148.63	1/2	4,495.13	1/2	4,783.54	1/2	4,982.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,769.72	3/4	4,156.33	3/4	4,501.82	3/4	4,788.77	3/4	4,985.63	3/4		3/4		3/4		3/4		3/4	
3	3,778.12	3	4,164.02	3	4,508.50	3	4,794.00	3	4,988.40	3		3		3		3		3	
1/4	3,786.47	1/4	4,171.64	1/4	4,515.08	1/4	4,799.08	1/4	4,990.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,794.82	1/2	4,179.26	1/2	4,521.67	1/2	4,804.17	1/2	4,993.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,803.17	3/4	4,186.88	3/4	4,528.25	3/4	4,809.25	3/4	4,995.76	3/4		3/4		3/4		3/4		3/4	
4	3,811.52	4	4,194.50	4	4,534.83	4	4,814.33	4	4,998.21	4		4		4		4		4	
1/4	3,819.83	1/4	4,202.05	1/4	4,541.32	1/4	4,819.26	1/4	5,000.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,828.13	1/2	4,209.61	1/2	4,547.80	1/2	4,824.19	1/2	5,002.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,836.43	3/4	4,217.16	3/4	4,554.28	3/4	4,829.12	3/4	5,004.43	3/4		3/4		3/4		3/4		3/4	
5	3,844.74	5	4,224.71	5	4,560.76	5	4,834.05	5	5,006.50	5		5		5		5		5	
1/4	3,852.99	1/4	4,232.18	1/4	4,567.14	1/4	4,838.81	1/4	5,008.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,861.24	1/2	4,239.65	1/2	4,573.51	1/2	4,843.57	1/2	5,009.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,869.49	3/4	4,247.13	3/4	4,579.89	3/4	4,848.33	3/4	5,011.29	3/4		3/4		3/4		3/4		3/4	
6	3,877.74	6	4,254.60	6	4,586.26	6	4,853.10	6	5,012.88	6		6		6		6		6	
1/4	3,885.93	1/4	4,261.99	1/4	4,592.53	1/4	4,857.68	1/4	5,013.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,894.12	1/2	4,269.38	1/2	4,598.80	1/2	4,862.27	1/2	5,014.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,902.31	3/4	4,276.77	3/4	4,605.07	3/4	4,866.86	3/4	5,015.51	3/4		3/4		3/4		3/4		3/4	
7	3,910.50	7	4,284.17	7	4,611.33	7	4,871.45	7	5,016.38	7		7		7		7		7	
1/4	3,918.64	1/4	4,291.48	1/4	4,617.48	1/4	4,875.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,926.77	1/2	4,298.80	1/2	4,623.63	1/2	4,880.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,934.91	3/4	4,306.11	3/4	4,629.78	3/4	4,884.68	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,943.05	8	4,313.43	8	4,635.93	8	4,889.10	8		8		8		8		8		8	
1/4	3,951.13	1/4	4,320.67	1/4	4,641.96	1/4	4,893.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,959.21	1/2	4,327.90	1/2	4,647.99	1/2	4,897.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,967.30	3/4	4,335.14	3/4	4,654.02	3/4	4,901.77	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,975.38	9	4,342.38	9	4,660.05	9	4,906.00	9		9		9		9		9		9	
1/4	3,983.40	1/4	4,349.53	1/4	4,665.96	1/4	4,910.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,991.42	1/2	4,356.68	1/2	4,671.88	1/2	4,914.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,999.43	3/4	4,363.83	3/4	4,677.80	3/4	4,918.05	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,007.45	10	4,370.98	10	4,683.71	10	4,922.07	10		10		10		10		10		10	
1/4	4,015.41	1/4	4,378.04	1/4	4,689.49	1/4	4,925.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,023.37	1/2	4,385.10	1/2	4,695.27	1/2	4,929.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,031.33	3/4	4,392.15	3/4	4,701.05	3/4	4,933.50	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,039.29	11	4,399.21	11	4,706.83	11	4,937.31	11		11		11		11		11		11	
1/4	4,047.18	1/4	4,406.18	1/4	4,712.49	1/4	4,940.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,055.08	1/2	4,413.15	1/2	4,718.14	1/2	4,944.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,062.98	3/4	4,420.13	3/4	4,723.80	3/4	4,948.06	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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REPRINTED: 04/12/2005 SW

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BARGE "KIRBY 15801"

CENTER INNAGE TABLE

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

FORMERLY "HW CHEM 157"

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	0.00	0	144.90	0	405.02	0	732.17	0	1,105.81	0	1,512.05	0	1,939.69	0	2,379.05	0	2,821.00	0	3,256.62
1/4	0.88	1/4	149.49	1/4	411.29	1/4	739.56	1/4	1,114.01	1/4	1,520.79	1/4	1,948.77	1/4	2,388.26	1/4	2,830.17	1/4	3,265.55
1/2	1.75	1/2	154.08	1/2	417.55	1/2	746.95	1/2	1,122.20	1/2	1,529.52	1/2	1,957.85	1/2	2,397.48	1/2	2,839.35	1/2	3,274.49
3/4	2.63	3/4	158.67	3/4	423.81	3/4	754.35	3/4	1,130.40	3/4	1,538.26	3/4	1,966.92	3/4	2,406.69	3/4	2,848.52	3/4	3,283.42
1	3.50	1	163.26	1	430.07	1	761.74	1	1,138.60	1	1,547.00	1	1,976.00	1	2,415.90	1	2,857.69	1	3,292.36
1/4	5.10	1/4	168.02	1/4	436.45	1/4	769.21	1/4	1,146.85	1/4	1,555.77	1/4	1,985.09	1/4	2,425.12	1/4	2,866.85	1/4	3,301.26
1/2	6.69	1/2	172.79	1/2	442.82	1/2	776.69	1/2	1,155.10	1/2	1,564.55	1/2	1,994.18	1/2	2,434.33	1/2	2,876.00	1/2	3,310.17
3/4	8.29	3/4	177.55	3/4	449.20	3/4	784.17	3/4	1,163.35	3/4	1,573.32	3/4	2,003.27	3/4	2,443.55	3/4	2,885.15	3/4	3,319.07
2	9.88	2	182.31	2	455.57	2	791.64	2	1,171.60	2	1,582.10	2	2,012.36	2	2,452.76	2	2,894.31	2	3,327.98
1/4	11.95	1/4	187.24	1/4	462.05	1/4	799.19	1/4	1,179.89	1/4	1,590.91	1/4	2,021.47	1/4	2,461.98	1/4	2,903.45	1/4	3,336.85
1/2	14.02	1/2	192.17	1/2	468.54	1/2	806.74	1/2	1,188.19	1/2	1,599.73	1/2	2,030.58	1/2	2,471.20	1/2	2,912.58	1/2	3,345.71
3/4	16.10	3/4	197.10	3/4	475.02	3/4	814.29	3/4	1,196.49	3/4	1,608.54	3/4	2,039.70	3/4	2,480.42	3/4	2,921.72	3/4	3,354.58
3	18.17	3	202.02	3	481.50	3	821.83	3	1,204.79	3	1,617.36	3	2,048.81	3	2,489.64	3	2,930.86	3	3,363.45
1/4	20.62	1/4	207.11	1/4	488.08	1/4	829.45	1/4	1,213.14	1/4	1,626.20	1/4	2,057.93	1/4	2,498.86	1/4	2,939.99	1/4	3,372.30
1/2	23.07	1/2	212.19	1/2	494.67	1/2	837.07	1/2	1,221.49	1/2	1,635.04	1/2	2,067.06	1/2	2,508.08	1/2	2,949.12	1/2	3,381.14
3/4	25.52	3/4	217.27	3/4	501.25	3/4	844.69	3/4	1,229.84	3/4	1,643.88	3/4	2,076.18	3/4	2,517.30	3/4	2,958.25	3/4	3,389.99
4	27.98	4	222.36	4	507.83	4	852.31	4	1,238.19	4	1,652.71	4	2,085.31	4	2,526.52	4	2,967.38	4	3,398.83
1/4	30.76	1/4	227.59	1/4	514.52	1/4	860.01	1/4	1,246.60	1/4	1,661.59	1/4	2,094.45	1/4	2,535.74	1/4	2,976.49	1/4	3,407.64
1/2	33.54	1/2	232.82	1/2	521.21	1/2	867.70	1/2	1,255.00	1/2	1,670.46	1/2	2,103.58	1/2	2,544.96	1/2	2,985.60	1/2	3,416.45
3/4	36.32	3/4	238.05	3/4	527.90	3/4	875.40	3/4	1,263.40	3/4	1,679.34	3/4	2,112.72	3/4	2,554.18	3/4	2,994.70	3/4	3,425.26
5	39.10	5	243.29	5	534.60	5	883.10	5	1,271.81	5	1,688.21	5	2,121.86	5	2,563.40	5	3,003.81	5	3,434.07
1/4	42.17	1/4	248.67	1/4	541.38	1/4	890.86	1/4	1,280.26	1/4	1,697.11	1/4	2,131.01	1/4	2,572.62	1/4	3,012.90	1/4	3,442.85
1/2	45.24	1/2	254.05	1/2	548.17	1/2	898.62	1/2	1,288.70	1/2	1,706.01	1/2	2,140.17	1/2	2,581.83	1/2	3,021.99	1/2	3,451.62
3/4	48.31	3/4	259.43	3/4	554.95	3/4	906.38	3/4	1,297.15	3/4	1,714.91	3/4	2,149.32	3/4	2,591.05	3/4	3,031.08	3/4	3,460.39
6	51.38	6	264.81	6	561.74	6	914.14	6	1,305.60	6	1,723.81	6	2,158.48	6	2,600.26	6	3,040.17	6	3,469.17
1/4	54.72	1/4	270.33	1/4	568.61	1/4	921.97	1/4	1,314.09	1/4	1,732.74	1/4	2,167.65	1/4	2,609.48	1/4	3,049.24	1/4	3,477.90
1/2	58.06	1/2	275.86	1/2	575.49	1/2	929.80	1/2	1,322.58	1/2	1,741.68	1/2	2,176.82	1/2	2,618.69	1/2	3,058.32	1/2	3,486.64
3/4	61.40	3/4	281.38	3/4	582.36	3/4	937.63	3/4	1,331.08	3/4	1,750.61	3/4	2,185.99	3/4	2,627.90	3/4	3,067.40	3/4	3,495.38
7	64.74	7	286.90	7	589.24	7	945.45	7	1,339.57	7	1,759.55	7	2,195.17	7	2,637.12	7	3,076.48	7	3,504.12
1/4	68.32	1/4	292.56	1/4	596.21	1/4	953.35	1/4	1,348.11	1/4	1,768.51	1/4	2,204.34	1/4	2,646.33	1/4	3,085.53	1/4	3,512.83
1/2	71.89	1/2	298.21	1/2	603.19	1/2	961.25	1/2	1,356.65	1/2	1,777.46	1/2	2,213.51	1/2	2,655.54	1/2	3,094.58	1/2	3,521.54
3/4	75.47	3/4	303.87	3/4	610.17	3/4	969.15	3/4	1,365.20	3/4	1,786.42	3/4	2,222.68	3/4	2,664.74	3/4	3,103.64	3/4	3,530.24
8	79.05	8	309.52	8	617.14	8	977.05	8	1,373.74	8	1,795.38	8	2,231.86	8	2,673.95	8	3,112.69	8	3,538.95
1/4	82.86	1/4	315.30	1/4	624.20	1/4	985.01	1/4	1,382.32	1/4	1,804.37	1/4	2,241.05	1/4	2,683.15	1/4	3,121.72	1/4	3,547.61
1/2	86.67	1/2	321.08	1/2	631.26	1/2	992.96	1/2	1,390.90	1/2	1,813.36	1/2	2,250.24	1/2	2,692.36	1/2	3,130.75	1/2	3,556.27
3/4	90.48	3/4	326.86	3/4	638.32	3/4	1,000.92	3/4	1,399.49	3/4	1,822.35	3/4	2,259.43	3/4	2,701.56	3/4	3,139.78	3/4	3,564.93
9	94.29	9	332.64	9	645.38	9	1,008.88	9	1,408.07	9	1,831.33	9	2,268.62	9	2,710.76	9	3,148.81	9	3,573.60
1/4	98.31	1/4	338.56	1/4	652.53	1/4	1,016.90	1/4	1,416.70	1/4	1,840.34	1/4	2,277.82	1/4	2,719.96	1/4	3,157.82	1/4	3,582.22
1/2	102.33	1/2	344.48	1/2	659.68	1/2	1,024.92	1/2	1,425.32	1/2	1,849.35	1/2	2,287.01	1/2	2,729.15	1/2	3,166.83	1/2	3,590.85
3/4	106.36	3/4	350.39	3/4	666.83	3/4	1,032.93	3/4	1,433.95	3/4	1,858.35	3/4	2,296.21	3/4	2,738.35	3/4	3,175.85	3/4	3,599.47
10	110.38	10	356.31	10	673.98	10	1,040.95	10	1,442.57	10	1,867.36	10	2,305.40	10	2,747.55	10	3,184.86	10	3,608.10
1/4	114.60	1/4	362.34	1/4	681.21	1/4	1,049.03	1/4	1,451.24	1/4	1,876.39	1/4	2,314.61	1/4	2,756.74	1/4	3,193.84	1/4	3,616.68
1/2	118.82	1/2	368.37	1/2	688.44	1/2	1,057.11	1/2	1,459.90	1/2	1,885.42	1/2	2,323.81	1/2	2,765.93	1/2	3,202.82	1/2	3,625.26
3/4	123.04	3/4	374.40	3/4	695.67	3/4	1,065.18	3/4	1,468.57	3/4	1,894.45	3/4	2,333.01	3/4	2,775.12	3/4	3,211.80	3/4	3,633.85
11	127.26	11	380.43	11	702.90	11	1,073.26	11	1,477.24	11	1,903.48	11	2,342.21	11	2,784.31	11	3,220.79	11	3,642.43
1/4	131.67	1/4	386.58	1/4	710.22	1/4	1,081.40	1/4	1,485.94	1/4	1,912.53	1/4	2,351.42	1/4	2,793.48	1/4	3,229.74	1/4	3,650.97
1/2	136.08	1/2	392.73	1/2	717.54	1/2	1,089.54	1/2	1,494.64	1/2	1,921.58	1/2	2,360.63	1/2	2,802.65	1/2	3,238.70	1/2	3,659.51
3/4	140.49	3/4	398.88	3/4	724.85	3/4	1,097.67	3/4	1,503.35	3/4	1,930.64	3/4	2,369.84	3/4	2,811.83	3/4	3,247.66	3/4	3,668.05

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

TABLE SCALED FROM EXTREME BOTTOM OF TANK.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "KIRBY 15801"

CENTER INNAGE TABLE

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

FORMERLY "HW CHEM 157"

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	3,676.60	0	4,070.71	0	4,426.93	0	4,729.26	0	4,951.43	0		0		0		0		0	
1/4	3,685.09	1/4	4,078.54	1/4	4,433.80	1/4	4,734.79	1/4	4,954.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.58	1/2	4,086.37	1/2	4,440.68	1/2	4,740.31	1/2	4,958.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,702.08	3/4	4,094.20	3/4	4,447.55	3/4	4,745.83	3/4	4,961.45	3/4		3/4		3/4		3/4		3/4	
1	3,710.57	1	4,102.02	1	4,454.43	1	4,751.36	1	4,964.79	1		1		1		1		1	
1/4	3,719.02	1/4	4,109.79	1/4	4,461.21	1/4	4,756.74	1/4	4,967.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,727.46	1/2	4,117.55	1/2	4,468.00	1/2	4,762.12	1/2	4,970.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,735.91	3/4	4,125.31	3/4	4,474.79	3/4	4,767.50	3/4	4,974.00	3/4		3/4		3/4		3/4		3/4	
2	3,744.36	2	4,133.07	2	4,481.57	2	4,772.88	2	4,977.07	2		2		2		2		2	
1/4	3,752.76	1/4	4,140.77	1/4	4,488.26	1/4	4,778.11	1/4	4,979.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,761.17	1/2	4,148.46	1/2	4,494.95	1/2	4,783.35	1/2	4,982.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,769.57	3/4	4,156.16	3/4	4,501.64	3/4	4,788.58	3/4	4,985.41	3/4		3/4		3/4		3/4		3/4	
3	3,777.98	3	4,163.86	3	4,508.33	3	4,793.81	3	4,988.19	3		3		3		3		3	
1/4	3,786.33	1/4	4,171.48	1/4	4,514.92	1/4	4,798.89	1/4	4,990.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,794.68	1/2	4,179.10	1/2	4,521.50	1/2	4,803.98	1/2	4,993.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,803.03	3/4	4,186.71	3/4	4,528.08	3/4	4,809.06	3/4	4,995.57	3/4		3/4		3/4		3/4		3/4	
4	3,811.38	4	4,194.33	4	4,534.67	4	4,814.14	4	4,998.02	4		4		4		4		4	
1/4	3,819.68	1/4	4,201.88	1/4	4,541.15	1/4	4,819.07	1/4	5,000.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,827.98	1/2	4,209.43	1/2	4,547.63	1/2	4,824.00	1/2	5,002.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,836.27	3/4	4,216.98	3/4	4,554.11	3/4	4,828.93	3/4	5,004.22	3/4		3/4		3/4		3/4		3/4	
5	3,844.57	5	4,224.52	5	4,560.60	5	4,833.86	5	5,006.29	5		5		5		5		5	
1/4	3,852.82	1/4	4,232.00	1/4	4,566.97	1/4	4,838.62	1/4	5,007.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,861.07	1/2	4,239.48	1/2	4,573.35	1/2	4,843.38	1/2	5,009.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,869.32	3/4	4,246.95	3/4	4,579.72	3/4	4,848.14	3/4	5,011.07	3/4		3/4		3/4		3/4		3/4	
6	3,877.57	6	4,254.43	6	4,586.10	6	4,852.90	6	5,012.67	6		6		6		6		6	
1/4	3,885.77	1/4	4,261.82	1/4	4,592.36	1/4	4,857.49	1/4	5,013.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,893.96	1/2	4,269.21	1/2	4,598.62	1/2	4,862.08	1/2	5,014.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,902.16	3/4	4,276.61	3/4	4,604.88	3/4	4,866.67	3/4	5,015.29	3/4		3/4		3/4		3/4		3/4	
7	3,910.36	7	4,284.00	7	4,611.14	7	4,871.26	7	5,016.17	7		7		7		7		7	
1/4	3,918.49	1/4	4,291.32	1/4	4,617.29	1/4	4,875.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,926.63	1/2	4,298.63	1/2	4,623.44	1/2	4,880.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,934.77	3/4	4,305.95	3/4	4,629.59	3/4	4,884.49	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,942.90	8	4,313.26	8	4,635.74	8	4,888.90	8		8		8		8		8		8	
1/4	3,950.98	1/4	4,320.49	1/4	4,641.77	1/4	4,893.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,959.06	1/2	4,327.73	1/2	4,647.80	1/2	4,897.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,967.14	3/4	4,334.96	3/4	4,653.83	3/4	4,901.57	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,975.21	9	4,342.19	9	4,659.86	9	4,905.79	9		9		9		9		9		9	
1/4	3,983.24	1/4	4,349.34	1/4	4,665.77	1/4	4,909.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,991.26	1/2	4,356.49	1/2	4,671.69	1/2	4,913.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,999.29	3/4	4,363.64	3/4	4,677.61	3/4	4,917.86	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,007.31	10	4,370.79	10	4,683.52	10	4,921.88	10		10		10		10		10		10	
1/4	4,015.26	1/4	4,377.85	1/4	4,689.30	1/4	4,925.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,023.21	1/2	4,384.90	1/2	4,695.08	1/2	4,929.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,031.17	3/4	4,391.96	3/4	4,700.86	3/4	4,933.31	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,039.12	11	4,399.02	11	4,706.64	11	4,937.12	11		11		11		11		11		11	
1/4	4,047.02	1/4	4,406.00	1/4	4,712.30	1/4	4,940.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,054.92	1/2	4,412.98	1/2	4,717.95	1/2	4,944.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,062.82	3/4	4,419.95	3/4	4,723.61	3/4	4,947.85	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/26/1995 INSP.
REPRINTED: 04/12/2005 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2005

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BARGE "KIRBY 15801"

STBD INNAGE TABLE

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

FORMERLY "HW CHEM 157"

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	0.00	0	145.21	0	405.86	0	733.67	0	1,108.07	0	1,515.12	0	1,943.64	0	2,383.88	0	2,826.71	0	3,263.19
1/4	0.88	1/4	149.82	1/4	412.14	1/4	741.08	1/4	1,116.29	1/4	1,523.88	1/4	1,952.73	1/4	2,393.11	1/4	2,835.90	1/4	3,272.14
1/2	1.75	1/2	154.42	1/2	418.42	1/2	748.49	1/2	1,124.50	1/2	1,532.63	1/2	1,961.82	1/2	2,402.35	1/2	2,845.08	1/2	3,281.10
3/4	2.63	3/4	159.02	3/4	424.70	3/4	755.90	3/4	1,132.71	3/4	1,541.39	3/4	1,970.91	3/4	2,411.58	3/4	2,854.27	3/4	3,290.05
1	3.50	1	163.62	1	430.98	1	763.31	1	1,140.93	1	1,550.14	1	1,980.00	1	2,420.81	1	2,863.45	1	3,299.00
1/4	5.10	1/4	168.39	1/4	437.36	1/4	770.80	1/4	1,149.19	1/4	1,558.93	1/4	1,989.11	1/4	2,430.04	1/4	2,872.63	1/4	3,307.92
1/2	6.70	1/2	173.15	1/2	443.75	1/2	778.29	1/2	1,157.45	1/2	1,567.73	1/2	1,998.23	1/2	2,439.27	1/2	2,881.80	1/2	3,316.85
3/4	8.30	3/4	177.92	3/4	450.14	3/4	785.77	3/4	1,165.71	3/4	1,576.52	3/4	2,007.34	3/4	2,448.51	3/4	2,890.97	3/4	3,325.77
2	9.90	2	182.69	2	456.52	2	793.26	2	1,173.98	2	1,585.31	2	2,016.45	2	2,457.74	2	2,900.14	2	3,334.69
1/4	11.98	1/4	187.63	1/4	463.02	1/4	800.83	1/4	1,182.30	1/4	1,594.14	1/4	2,025.58	1/4	2,466.98	1/4	2,909.30	1/4	3,343.58
1/2	14.05	1/2	192.57	1/2	469.51	1/2	808.39	1/2	1,190.62	1/2	1,602.98	1/2	2,034.70	1/2	2,476.21	1/2	2,918.46	1/2	3,352.48
3/4	16.12	3/4	197.51	3/4	476.01	3/4	815.96	3/4	1,198.94	3/4	1,611.81	3/4	2,043.83	3/4	2,485.45	3/4	2,927.62	3/4	3,361.37
3	18.19	3	202.45	3	482.50	3	823.52	3	1,207.26	3	1,620.64	3	2,052.95	3	2,494.69	3	2,936.79	3	3,370.26
1/4	20.65	1/4	207.55	1/4	489.10	1/4	831.16	1/4	1,215.63	1/4	1,629.50	1/4	2,062.10	1/4	2,503.93	1/4	2,945.93	1/4	3,379.12
1/2	23.11	1/2	212.64	1/2	495.70	1/2	838.80	1/2	1,223.99	1/2	1,638.36	1/2	2,071.25	1/2	2,513.17	1/2	2,955.08	1/2	3,387.98
3/4	25.57	3/4	217.74	3/4	502.30	3/4	846.43	3/4	1,232.35	3/4	1,647.21	3/4	2,080.40	3/4	2,522.40	3/4	2,964.23	3/4	3,396.83
4	28.02	4	222.83	4	508.90	4	854.07	4	1,240.71	4	1,656.07	4	2,089.55	4	2,531.64	4	2,973.38	4	3,405.69
1/4	30.81	1/4	228.08	1/4	515.60	1/4	861.78	1/4	1,249.14	1/4	1,664.96	1/4	2,098.70	1/4	2,540.88	1/4	2,982.51	1/4	3,414.52
1/2	33.60	1/2	233.32	1/2	522.30	1/2	869.49	1/2	1,257.56	1/2	1,673.86	1/2	2,107.86	1/2	2,550.12	1/2	2,991.63	1/2	3,423.35
3/4	36.38	3/4	238.57	3/4	528.99	3/4	877.20	3/4	1,265.98	3/4	1,682.75	3/4	2,117.01	3/4	2,559.36	3/4	3,000.76	3/4	3,432.17
5	39.17	5	243.81	5	535.69	5	884.90	5	1,274.40	5	1,691.64	5	2,126.17	5	2,568.59	5	3,009.88	5	3,441.00
1/4	42.25	1/4	249.20	1/4	542.49	1/4	892.68	1/4	1,282.87	1/4	1,700.57	1/4	2,135.34	1/4	2,577.83	1/4	3,018.99	1/4	3,449.79
1/2	45.33	1/2	254.60	1/2	549.29	1/2	900.46	1/2	1,291.33	1/2	1,709.49	1/2	2,144.51	1/2	2,587.06	1/2	3,028.11	1/2	3,458.58
3/4	48.42	3/4	259.99	3/4	556.08	3/4	908.24	3/4	1,299.80	3/4	1,718.41	3/4	2,153.68	3/4	2,596.29	3/4	3,037.22	3/4	3,467.38
6	51.50	6	265.38	6	562.88	6	916.02	6	1,308.26	6	1,727.33	6	2,162.86	6	2,605.52	6	3,046.33	6	3,476.17
1/4	54.84	1/4	270.91	1/4	569.77	1/4	923.87	1/4	1,316.77	1/4	1,736.28	1/4	2,172.05	1/4	2,614.76	1/4	3,055.42	1/4	3,484.93
1/2	58.18	1/2	276.44	1/2	576.67	1/2	931.71	1/2	1,325.29	1/2	1,745.23	1/2	2,181.24	1/2	2,623.99	1/2	3,064.51	1/2	3,493.69
3/4	61.52	3/4	281.97	3/4	583.56	3/4	939.56	3/4	1,333.80	3/4	1,754.17	3/4	2,190.43	3/4	2,633.22	3/4	3,073.60	3/4	3,502.45
7	64.86	7	287.50	7	590.45	7	947.40	7	1,342.31	7	1,763.12	7	2,199.62	7	2,642.45	7	3,082.69	7	3,511.21
1/4	68.45	1/4	293.17	1/4	597.44	1/4	955.32	1/4	1,350.87	1/4	1,772.10	1/4	2,208.81	1/4	2,651.68	1/4	3,091.76	1/4	3,519.93
1/2	72.04	1/2	298.83	1/2	604.43	1/2	963.23	1/2	1,359.43	1/2	1,781.07	1/2	2,218.00	1/2	2,660.90	1/2	3,100.83	1/2	3,528.65
3/4	75.63	3/4	304.50	3/4	611.42	3/4	971.14	3/4	1,367.99	3/4	1,790.05	3/4	2,227.19	3/4	2,670.13	3/4	3,109.90	3/4	3,537.38
8	79.21	8	310.17	8	618.40	8	979.05	8	1,376.55	8	1,799.02	8	2,236.38	8	2,679.36	8	3,118.98	8	3,546.10
1/4	83.04	1/4	315.96	1/4	625.48	1/4	987.02	1/4	1,385.15	1/4	1,808.03	1/4	2,245.59	1/4	2,688.58	1/4	3,128.02	1/4	3,554.77
1/2	86.86	1/2	321.75	1/2	632.56	1/2	994.99	1/2	1,393.75	1/2	1,817.04	1/2	2,254.80	1/2	2,697.81	1/2	3,137.07	1/2	3,563.45
3/4	90.68	3/4	327.54	3/4	639.64	3/4	1,002.96	3/4	1,402.35	3/4	1,826.04	3/4	2,264.01	3/4	2,707.04	3/4	3,146.12	3/4	3,572.13
9	94.50	9	333.33	9	646.71	9	1,010.93	9	1,410.95	9	1,835.05	9	2,273.21	9	2,716.26	9	3,155.17	9	3,580.81
1/4	98.52	1/4	339.26	1/4	653.88	1/4	1,018.96	1/4	1,419.59	1/4	1,844.07	1/4	2,282.43	1/4	2,725.48	1/4	3,164.20	1/4	3,589.45
1/2	102.55	1/2	345.19	1/2	661.04	1/2	1,027.00	1/2	1,428.23	1/2	1,853.10	1/2	2,291.64	1/2	2,734.69	1/2	3,173.23	1/2	3,598.10
3/4	106.57	3/4	351.12	3/4	668.20	3/4	1,035.04	3/4	1,436.86	3/4	1,862.12	3/4	2,300.86	3/4	2,743.90	3/4	3,182.26	3/4	3,606.74
10	110.60	10	357.05	10	675.36	10	1,043.07	10	1,445.50	10	1,871.14	10	2,310.07	10	2,753.12	10	3,191.29	10	3,615.38
1/4	114.83	1/4	363.09	1/4	682.61	1/4	1,051.17	1/4	1,454.18	1/4	1,880.20	1/4	2,319.29	1/4	2,762.32	1/4	3,200.29	1/4	3,623.98
1/2	119.06	1/2	369.13	1/2	689.86	1/2	1,059.27	1/2	1,462.87	1/2	1,889.25	1/2	2,328.51	1/2	2,771.52	1/2	3,209.29	1/2	3,632.58
3/4	123.29	3/4	375.17	3/4	697.11	3/4	1,067.37	3/4	1,471.55	3/4	1,898.30	3/4	2,337.73	3/4	2,780.73	3/4	3,218.29	3/4	3,641.18
11	127.52	11	381.21	11	704.36	11	1,075.48	11	1,480.24	11	1,907.36	11	2,346.95	11	2,789.93	11	3,227.29	11	3,649.79
1/4	131.95	1/4	387.38	1/4	711.68	1/4	1,083.62	1/4	1,488.96	1/4	1,916.43	1/4	2,356.18	1/4	2,799.12	1/4	3,236.26	1/4	3,658.35
1/2	136.37	1/2	393.54	1/2	719.01	1/2	1,091.77	1/2	1,497.68	1/2	1,925.50	1/2	2,365.42	1/2	2,808.32	1/2	3,245.24	1/2	3,666.90
3/4	140.79	3/4	399.70	3/4	726.34	3/4	1,099.92	3/4	1,506.40	3/4	1,934.57	3/4	2,374.65	3/4	2,817.52	3/4	3,254.21	3/4	3,675.46

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BARGE "KIRBY 15801"

STBD INNAGE TABLE

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

FORMERLY "HW CHEM 157"

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	3,684.02	0	4,078.93	0	4,435.86	0	4,738.83	0	4,961.45	0		0		0		0		0	
1/4	3,692.54	1/4	4,086.77	1/4	4,442.75	1/4	4,744.36	1/4	4,964.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,701.05	1/2	4,094.62	1/2	4,449.64	1/2	4,749.89	1/2	4,968.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,709.56	3/4	4,102.46	3/4	4,456.54	3/4	4,755.42	3/4	4,971.49	3/4		3/4		3/4		3/4		3/4	
1	3,718.07	1	4,110.31	1	4,463.43	1	4,760.95	1	4,974.83	1		1		1		1		1	
1/4	3,726.54	1/4	4,118.09	1/4	4,470.23	1/4	4,766.35	1/4	4,977.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,735.00	1/2	4,125.87	1/2	4,477.02	1/2	4,771.74	1/2	4,981.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,743.46	3/4	4,133.65	3/4	4,483.82	3/4	4,777.13	3/4	4,984.08	3/4		3/4		3/4		3/4		3/4	
2	3,751.93	2	4,141.43	2	4,490.62	2	4,782.52	2	4,987.17	2		2		2		2		2	
1/4	3,760.35	1/4	4,149.14	1/4	4,497.32	1/4	4,787.77	1/4	4,989.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,768.76	1/2	4,156.85	1/2	4,504.02	1/2	4,793.01	1/2	4,992.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,777.18	3/4	4,164.55	3/4	4,510.73	3/4	4,798.26	3/4	4,995.52	3/4		3/4		3/4		3/4		3/4	
3	3,785.60	3	4,172.26	3	4,517.43	3	4,803.50	3	4,998.31	3		3		3		3		3	
1/4	3,793.96	1/4	4,179.90	1/4	4,524.03	1/4	4,808.60	1/4	5,000.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,802.33	1/2	4,187.54	1/2	4,530.63	1/2	4,813.69	1/2	5,003.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,810.70	3/4	4,195.17	3/4	4,537.23	3/4	4,818.79	3/4	5,005.68	3/4		3/4		3/4		3/4		3/4	
4	3,819.07	4	4,202.81	4	4,543.83	4	4,823.88	4	5,008.14	4		4		4		4		4	
1/4	3,827.39	1/4	4,210.38	1/4	4,550.33	1/4	4,828.82	1/4	5,010.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,835.70	1/2	4,217.94	1/2	4,556.82	1/2	4,833.75	1/2	5,012.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,844.02	3/4	4,225.51	3/4	4,563.32	3/4	4,838.68	3/4	5,014.36	3/4		3/4		3/4		3/4		3/4	
5	3,852.33	5	4,233.07	5	4,569.81	5	4,843.62	5	5,016.43	5		5		5		5		5	
1/4	3,860.60	1/4	4,240.55	1/4	4,576.20	1/4	4,848.39	1/4	5,018.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,868.87	1/2	4,248.04	1/2	4,582.58	1/2	4,853.17	1/2	5,019.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,877.14	3/4	4,255.52	3/4	4,588.97	3/4	4,857.94	3/4	5,021.23	3/4		3/4		3/4		3/4		3/4	
6	3,885.40	6	4,263.00	6	4,595.36	6	4,862.71	6	5,022.83	6		6		6		6		6	
1/4	3,893.61	1/4	4,270.41	1/4	4,601.63	1/4	4,867.32	1/4	5,023.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,901.82	1/2	4,277.82	1/2	4,607.90	1/2	4,871.92	1/2	5,024.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,910.03	3/4	4,285.23	3/4	4,614.18	3/4	4,876.52	3/4	5,025.46	3/4		3/4		3/4		3/4		3/4	
7	3,918.24	7	4,292.64	7	4,620.45	7	4,881.12	7	5,026.33	7		7		7		7		7	
1/4	3,926.39	1/4	4,299.98	1/4	4,626.62	1/4	4,885.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,934.55	1/2	4,307.31	1/2	4,632.79	1/2	4,889.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.70	3/4	4,314.64	3/4	4,638.95	3/4	4,894.37	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,950.86	8	4,321.98	8	4,645.12	8	4,898.79	8		8		8		8		8		8	
1/4	3,958.95	1/4	4,329.23	1/4	4,651.16	1/4	4,903.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,967.05	1/2	4,336.48	1/2	4,657.20	1/2	4,907.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,975.14	3/4	4,343.73	3/4	4,663.24	3/4	4,911.48	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,983.24	9	4,350.98	9	4,669.29	9	4,915.71	9		9		9		9		9		9	
1/4	3,991.27	1/4	4,358.14	1/4	4,675.21	1/4	4,919.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,999.31	1/2	4,365.30	1/2	4,681.13	1/2	4,923.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,007.35	3/4	4,372.46	3/4	4,687.05	3/4	4,927.80	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,015.38	10	4,379.62	10	4,692.98	10	4,931.83	10		10		10		10		10		10	
1/4	4,023.36	1/4	4,386.70	1/4	4,698.77	1/4	4,935.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,031.33	1/2	4,393.77	1/2	4,704.57	1/2	4,939.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,039.31	3/4	4,400.85	3/4	4,710.37	3/4	4,943.28	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,047.29	11	4,407.93	11	4,716.17	11	4,947.10	11		11		11		11		11		11	
1/4	4,055.20	1/4	4,414.91	1/4	4,721.83	1/4	4,950.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,063.11	1/2	4,421.89	1/2	4,727.50	1/2	4,954.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,071.02	3/4	4,428.88	3/4	4,733.17	3/4	4,957.86	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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