



BARGE "KIRBY 19801"

PORT
HORIZONTAL

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

FORMERLY "CHEMICAL 702"

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	9.19	0	202.33	0	551.52	0	995.00	0	1,507.60	0	2,072.90	0	2,678.43	0	3,313.69	0	3,969.45	0	4,637.19
1/4	10.36	1/4	208.59	1/4	560.55	1/4	1,005.14	1/4	1,518.96	1/4	2,085.21	1/4	2,691.44	1/4	3,327.20	1/4	3,983.29	1/4	4,651.18
1/2	11.54	1/2	214.85	1/2	568.57	1/2	1,015.27	1/2	1,530.32	1/2	2,097.51	1/2	2,704.45	1/2	3,340.71	1/2	3,997.12	1/2	4,665.17
3/4	12.71	3/4	221.10	3/4	577.10	3/4	1,025.41	3/4	1,541.68	3/4	2,109.82	3/4	2,717.46	3/4	3,354.23	3/4	4,010.95	3/4	4,679.15
1	13.88	1	227.36	1	585.62	1	1,035.55	1	1,553.05	1	2,122.12	1	2,730.48	1	3,367.74	1	4,024.79	1	4,693.14
1/4	15.99	1/4	233.61	1/4	594.15	1/4	1,045.69	1/4	1,564.42	1/4	2,134.42	1/4	2,743.49	1/4	3,381.25	1/4	4,038.62	1/4	4,707.13
1/2	18.11	1/2	239.86	1/2	602.68	1/2	1,055.83	1/2	1,575.79	1/2	2,146.73	1/2	2,756.50	1/2	3,394.76	1/2	4,052.46	1/2	4,721.11
3/4	20.22	3/4	246.11	3/4	611.21	3/4	1,065.98	3/4	1,587.15	3/4	2,159.03	3/4	2,769.51	3/4	3,408.27	3/4	4,066.30	3/4	4,735.09
2	22.33	2	252.36	2	619.74	2	1,076.12	2	1,598.52	2	2,171.33	2	2,782.52	2	3,421.79	2	4,080.14	2	4,749.07
1/4	25.10	1/4	259.06	1/4	628.57	1/4	1,086.49	1/4	1,610.07	1/4	2,183.77	1/4	2,795.63	1/4	3,435.37	1/4	4,094.01	1/4	4,763.07
1/2	27.86	1/2	265.76	1/2	637.40	1/2	1,096.86	1/2	1,621.61	1/2	2,196.21	1/2	2,808.73	1/2	3,448.95	1/2	4,107.88	1/2	4,777.06
3/4	30.62	3/4	272.46	3/4	646.24	3/4	1,107.23	3/4	1,633.15	3/4	2,208.65	3/4	2,821.83	3/4	3,462.54	3/4	4,121.75	3/4	4,791.05
3	33.38	3	279.17	3	655.07	3	1,117.60	3	1,644.69	3	2,221.10	3	2,834.93	3	3,476.12	3	4,135.62	3	4,805.05
1/4	36.63	1/4	285.87	1/4	663.90	1/4	1,127.97	1/4	1,656.23	1/4	2,233.53	1/4	2,848.04	1/4	3,489.70	1/4	4,149.49	1/4	4,819.04
1/2	39.88	1/2	292.57	1/2	672.73	1/2	1,138.35	1/2	1,667.77	1/2	2,245.96	1/2	2,861.14	1/2	3,503.27	1/2	4,163.37	1/2	4,833.04
3/4	43.13	3/4	299.27	3/4	681.55	3/4	1,148.72	3/4	1,679.32	3/4	2,258.40	3/4	2,874.25	3/4	3,516.85	3/4	4,177.24	3/4	4,847.03
4	46.38	4	305.98	4	690.38	4	1,159.10	4	1,690.86	4	2,270.83	4	2,887.36	4	3,530.43	4	4,191.12	4	4,861.02
1/4	50.09	1/4	313.10	1/4	699.50	1/4	1,169.68	1/4	1,702.57	1/4	2,283.40	1/4	2,900.55	1/4	3,544.07	1/4	4,205.02	1/4	4,875.02
1/2	53.80	1/2	320.21	1/2	708.62	1/2	1,180.26	1/2	1,714.27	1/2	2,295.96	1/2	2,913.75	1/2	3,557.71	1/2	4,218.93	1/2	4,889.02
3/4	57.51	3/4	327.33	3/4	717.74	3/4	1,190.85	3/4	1,725.98	3/4	2,308.53	3/4	2,926.95	3/4	3,571.36	3/4	4,232.83	3/4	4,903.02
5	61.21	5	334.45	5	726.86	5	1,201.43	5	1,737.69	5	2,321.10	5	2,940.14	5	3,585.00	5	4,246.74	5	4,917.02
1/4	65.30	1/4	341.57	1/4	735.98	1/4	1,212.02	1/4	1,749.40	1/4	2,333.65	1/4	2,953.34	1/4	3,598.64	1/4	4,260.64	1/4	4,931.02
1/2	69.38	1/2	348.68	1/2	745.10	1/2	1,222.61	1/2	1,761.11	1/2	2,346.21	1/2	2,966.54	1/2	3,612.27	1/2	4,274.54	1/2	4,945.01
3/4	73.46	3/4	355.79	3/4	754.21	3/4	1,233.20	3/4	1,772.82	3/4	2,358.77	3/4	2,979.73	3/4	3,625.91	3/4	4,288.43	3/4	4,959.01
6	77.55	6	362.90	6	763.33	6	1,243.79	6	1,784.52	6	2,371.33	6	2,992.93	6	3,639.55	6	4,302.33	6	4,973.00
1/4	82.01	1/4	370.41	1/4	772.73	1/4	1,254.58	1/4	1,796.39	1/4	2,384.02	1/4	3,006.21	1/4	3,653.24	1/4	4,316.27	1/4	4,987.00
1/2	86.46	1/2	377.92	1/2	782.13	1/2	1,265.38	1/2	1,808.25	1/2	2,396.70	1/2	3,019.50	1/2	3,666.94	1/2	4,330.20	1/2	5,001.00
3/4	90.92	3/4	385.42	3/4	791.53	3/4	1,276.18	3/4	1,820.11	3/4	2,409.39	3/4	3,032.79	3/4	3,680.64	3/4	4,344.14	3/4	5,015.00
7	95.38	7	392.93	7	800.93	7	1,286.98	7	1,831.98	7	2,422.07	7	3,046.07	7	3,694.33	7	4,358.07	7	5,029.00
1/4	100.14	1/4	400.43	1/4	810.32	1/4	1,297.77	1/4	1,843.85	1/4	2,434.75	1/4	3,059.36	1/4	3,708.03	1/4	4,372.01	1/4	5,042.99
1/2	104.90	1/2	407.94	1/2	819.71	1/2	1,308.57	1/2	1,855.71	1/2	2,447.43	1/2	3,072.64	1/2	3,721.73	1/2	4,385.94	1/2	5,056.99
3/4	109.67	3/4	415.45	3/4	829.11	3/4	1,319.37	3/4	1,867.58	3/4	2,460.11	3/4	3,085.93	3/4	3,735.42	3/4	4,399.87	3/4	5,070.98
8	114.43	8	422.95	8	838.50	8	1,330.17	8	1,879.45	8	2,472.79	8	3,099.21	8	3,749.12	8	4,413.81	8	5,084.98
1/4	119.52	1/4	430.82	1/4	848.15	1/4	1,341.16	1/4	1,891.47	1/4	2,485.58	1/4	3,112.58	1/4	3,762.87	1/4	4,427.76	1/4	5,098.98
1/2	124.61	1/2	438.68	1/2	857.81	1/2	1,352.15	1/2	1,903.49	1/2	2,498.38	1/2	3,125.95	1/2	3,776.62	1/2	4,441.71	1/2	5,112.98
3/4	129.70	3/4	446.54	3/4	867.46	3/4	1,363.15	3/4	1,915.51	3/4	2,511.18	3/4	3,139.32	3/4	3,790.37	3/4	4,455.67	3/4	5,126.98
9	134.79	9	454.40	9	877.12	9	1,374.14	9	1,927.52	9	2,523.98	9	3,152.69	9	3,804.12	9	4,469.62	9	5,140.98
1/4	140.14	1/4	462.27	1/4	886.78	1/4	1,385.14	1/4	1,939.54	1/4	2,536.78	1/4	3,166.05	1/4	3,817.86	1/4	4,483.57	1/4	5,154.96
1/2	145.50	1/2	470.14	1/2	896.44	1/2	1,396.13	1/2	1,951.56	1/2	2,549.58	1/2	3,179.42	1/2	3,831.61	1/2	4,497.52	1/2	5,168.95
3/4	150.86	3/4	478.01	3/4	906.10	3/4	1,407.13	3/4	1,963.58	3/4	2,562.39	3/4	3,192.78	3/4	3,845.35	3/4	4,511.48	3/4	5,182.94
10	156.21	10	485.88	10	915.76	10	1,418.12	10	1,975.59	10	2,575.19	10	3,206.14	10	3,859.10	10	4,525.43	10	5,196.93
1/4	161.86	1/4	494.08	1/4	925.67	1/4	1,429.30	1/4	1,987.76	1/4	2,588.10	1/4	3,219.59	1/4	3,872.89	1/4	4,539.40	1/4	5,210.91
1/2	167.50	1/2	502.29	1/2	935.57	1/2	1,440.49	1/2	1,999.93	1/2	2,601.00	1/2	3,233.04	1/2	3,886.69	1/2	4,553.37	1/2	5,224.89
3/4	173.14	3/4	510.49	3/4	945.48	3/4	1,451.67	3/4	2,012.10	3/4	2,613.90	3/4	3,246.48	3/4	3,900.49	3/4	4,567.34	3/4	5,238.88
11	178.79	11	518.69	11	955.38	11	1,462.86	11	2,024.26	11	2,626.81	11	3,259.93	11	3,914.29	11	4,581.31	11	5,252.86
1/4	184.67	1/4	526.90	1/4	965.29	1/4	1,474.04	1/4	2,036.42	1/4	2,639.71	1/4	3,273.37	1/4	3,928.08	1/4	4,595.28	1/4	5,266.84
1/2	190.56	1/2	535.11	1/2	975.19	1/2	1,485.23	1/2	2,048.58	1/2	2,652.62	1/2	3,286.81	1/2	3,941.87	1/2	4,609.25	1/2	5,280.82
3/4	196.45	3/4	543.32	3/4	985.10	3/4	1,496.41	3/4	2,060.74	3/4	2,665.52	3/4	3,300.25	3/4	3,955.66	3/4	4,623.22	3/4	5,294.80

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BARGE "KIRBY 19801"

PORT
HORIZONTAL

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

FORMERLY "CHEMICAL 702"

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	5,308.79	0	5,976.17	0	6,631.21	0	7,265.40	0	7,869.45	0	8,432.81	0	8,942.83	0	9,382.93	0	9,727.48	0	
1/4	5,322.76	1/4	5,989.96	1/4	6,644.65	1/4	7,278.31	1/4	7,881.61	1/4	8,443.99	1/4	8,952.74	1/4	9,391.13	1/4	9,733.24	1/4	
1/2	5,336.73	1/2	6,003.75	1/2	6,658.10	1/2	7,291.21	1/2	7,893.77	1/2	8,455.18	1/2	8,962.64	1/2	9,399.33	1/2	9,739.00	1/2	
3/4	5,350.70	3/4	6,017.54	3/4	6,671.54	3/4	7,304.12	3/4	7,905.93	3/4	8,466.36	3/4	8,972.55	3/4	9,407.54	3/4	9,744.76	3/4	
1	5,364.67	1	6,031.33	1	6,684.98	1	7,317.02	1	7,918.10	1	8,477.55	1	8,982.45	1	9,415.74	1	9,750.52	1	
1/4	5,378.63	1/4	6,045.11	1/4	6,698.38	1/4	7,329.88	1/4	7,930.19	1/4	8,488.64	1/4	8,992.24	1/4	9,423.77	1/4	9,756.02	1/4	
1/2	5,392.60	1/2	6,058.88	1/2	6,711.79	1/2	7,342.74	1/2	7,942.29	1/2	8,499.73	1/2	9,002.02	1/2	9,431.81	1/2	9,761.52	1/2	
3/4	5,406.56	3/4	6,072.65	3/4	6,725.19	3/4	7,355.60	3/4	7,954.38	3/4	8,510.82	3/4	9,011.81	3/4	9,439.85	3/4	9,767.02	3/4	
2	5,420.52	2	6,086.43	2	6,738.60	2	7,368.45	2	7,966.48	2	8,521.90	2	9,021.60	2	9,447.88	2	9,772.52	2	
1/4	5,434.48	1/4	6,100.17	1/4	6,751.96	1/4	7,381.25	1/4	7,978.49	1/4	8,532.90	1/4	9,031.25	1/4	9,455.75	1/4	9,777.75	1/4	
1/2	5,448.43	1/2	6,113.92	1/2	6,765.33	1/2	7,394.05	1/2	7,990.51	1/2	8,543.89	1/2	9,040.90	1/2	9,463.62	1/2	9,782.98	1/2	
3/4	5,462.38	3/4	6,127.66	3/4	6,778.70	3/4	7,406.85	3/4	8,002.53	3/4	8,554.89	3/4	9,050.56	3/4	9,471.49	3/4	9,788.20	3/4	
3	5,476.33	3	6,141.40	3	6,792.07	3	7,419.64	3	8,014.55	3	8,565.88	3	9,060.21	3	9,479.36	3	9,793.43	3	
1/4	5,490.27	1/4	6,155.13	1/4	6,805.40	1/4	7,432.38	1/4	8,026.49	1/4	8,576.77	1/4	9,069.74	1/4	9,487.04	1/4	9,798.35	1/4	
1/2	5,504.21	1/2	6,168.85	1/2	6,818.73	1/2	7,445.12	1/2	8,038.43	1/2	8,587.67	1/2	9,079.26	1/2	9,494.73	1/2	9,803.27	1/2	
3/4	5,518.15	3/4	6,182.57	3/4	6,832.05	3/4	7,457.86	3/4	8,050.37	3/4	8,598.56	3/4	9,088.79	3/4	9,502.41	3/4	9,808.20	3/4	
4	5,532.10	4	6,196.29	4	6,845.38	4	7,470.60	4	8,062.31	4	8,609.45	4	9,098.31	4	9,510.10	4	9,813.12	4	
1/4	5,546.02	1/4	6,209.98	1/4	6,858.67	1/4	7,483.28	1/4	8,074.18	1/4	8,620.25	1/4	9,107.71	1/4	9,517.60	1/4	9,817.73	1/4	
1/2	5,559.95	1/2	6,223.68	1/2	6,871.95	1/2	7,495.96	1/2	8,086.05	1/2	8,631.05	1/2	9,117.11	1/2	9,525.10	1/2	9,822.35	1/2	
3/4	5,573.88	3/4	6,237.37	3/4	6,885.24	3/4	7,508.65	3/4	8,097.92	3/4	8,641.85	3/4	9,126.51	3/4	9,532.60	3/4	9,826.96	3/4	
5	5,587.81	5	6,251.07	5	6,898.52	5	7,521.33	5	8,109.79	5	8,652.64	5	9,135.90	5	9,540.10	5	9,831.57	5	
1/4	5,601.73	1/4	6,264.74	1/4	6,911.76	1/4	7,533.95	1/4	8,121.57	1/4	8,663.33	1/4	9,145.16	1/4	9,547.41	1/4	9,835.88	1/4	
1/2	5,615.65	1/2	6,278.42	1/2	6,925.00	1/2	7,546.57	1/2	8,133.36	1/2	8,674.02	1/2	9,154.42	1/2	9,554.73	1/2	9,840.19	1/2	
3/4	5,629.58	3/4	6,292.09	3/4	6,938.24	3/4	7,559.19	3/4	8,145.14	3/4	8,684.71	3/4	9,163.67	3/4	9,562.04	3/4	9,844.50	3/4	
6	5,643.50	6	6,305.76	6	6,951.48	6	7,571.81	6	8,156.93	6	8,695.40	6	9,172.93	6	9,569.36	6	9,848.81	6	
1/4	5,657.40	1/4	6,319.40	1/4	6,964.68	1/4	7,584.38	1/4	8,168.64	1/4	8,705.99	1/4	9,182.05	1/4	9,576.47	1/4	9,852.71	1/4	
1/2	5,671.31	1/2	6,333.04	1/2	6,977.88	1/2	7,596.94	1/2	8,180.35	1/2	8,716.58	1/2	9,191.17	1/2	9,583.58	1/2	9,856.61	1/2	
3/4	5,685.21	3/4	6,346.67	3/4	6,991.08	3/4	7,609.51	3/4	8,192.05	3/4	8,727.17	3/4	9,200.29	3/4	9,590.70	3/4	9,860.51	3/4	
7	5,699.12	7	6,360.31	7	7,004.29	7	7,622.07	7	8,203.76	7	8,737.76	7	9,209.40	7	9,597.81	7	9,864.40	7	
1/4	5,713.01	1/4	6,373.92	1/4	7,017.43	1/4	7,634.57	1/4	8,215.39	1/4	8,748.24	1/4	9,218.38	1/4	9,604.72	1/4	9,867.90	1/4	
1/2	5,726.89	1/2	6,387.54	1/2	7,030.58	1/2	7,647.07	1/2	8,227.01	1/2	8,758.73	1/2	9,227.36	1/2	9,611.63	1/2	9,871.39	1/2	
3/4	5,740.78	3/4	6,401.15	3/4	7,043.73	3/4	7,659.57	3/4	8,238.64	3/4	8,769.21	3/4	9,236.33	3/4	9,618.54	3/4	9,874.89	3/4	
8	5,754.67	8	6,414.76	8	7,056.88	8	7,672.07	8	8,250.26	8	8,779.69	8	9,245.31	8	9,625.45	8	9,878.38	8	
1/4	5,768.54	1/4	6,428.34	1/4	7,069.99	1/4	7,684.51	1/4	8,261.80	1/4	8,790.06	1/4	9,254.14	1/4	9,632.15	1/4	9,881.40	1/4	
1/2	5,782.40	1/2	6,441.92	1/2	7,083.10	1/2	7,696.94	1/2	8,273.35	1/2	8,800.43	1/2	9,262.96	1/2	9,638.86	1/2	9,884.42	1/2	
3/4	5,796.27	3/4	6,455.49	3/4	7,096.20	3/4	7,709.38	3/4	8,284.89	3/4	8,810.80	3/4	9,271.79	3/4	9,645.56	3/4	9,887.43	3/4	
9	5,810.14	9	6,469.07	9	7,109.31	9	7,721.81	9	8,296.43	9	8,821.17	9	9,280.62	9	9,652.26	9	9,890.45	9	
1/4	5,824.00	1/4	6,482.62	1/4	7,122.36	1/4	7,734.18	1/4	8,307.88	1/4	8,831.42	1/4	9,289.30	1/4	9,658.74	1/4	9,892.90	1/4	
1/2	5,837.86	1/2	6,496.17	1/2	7,135.42	1/2	7,746.55	1/2	8,319.33	1/2	8,841.68	1/2	9,297.98	1/2	9,665.21	1/2	9,895.36	1/2	
3/4	5,851.71	3/4	6,509.71	3/4	7,148.47	3/4	7,758.92	3/4	8,330.79	3/4	8,851.93	3/4	9,306.65	3/4	9,671.69	3/4	9,897.81	3/4	
10	5,865.57	10	6,523.26	10	7,161.52	10	7,771.29	10	8,342.24	10	8,862.19	10	9,315.33	10	9,678.17	10	9,900.26	10	
1/4	5,879.40	1/4	6,536.77	1/4	7,174.54	1/4	7,783.59	1/4	8,353.61	1/4	8,872.33	1/4	9,323.86	1/4	9,684.42	1/4	9,901.98	1/4	
1/2	5,893.24	1/2	6,550.29	1/2	7,187.55	1/2	7,795.89	1/2	8,364.98	1/2	8,882.48	1/2	9,332.39	1/2	9,690.68	1/2	9,903.70	1/2	
3/4	5,907.07	3/4	6,563.80	3/4	7,200.56	3/4	7,808.20	3/4	8,376.35	3/4	8,892.62	3/4	9,340.92	3/4	9,696.93	3/4	9,905.42	3/4	
11	5,920.90	11	6,577.31	11	7,213.57	11	7,820.50	11	8,387.71	11	8,902.76	11	9,349.45	11	9,703.19	11	9,907.14	11	
1/4	5,934.72	1/4	6,590.79	1/4	7,226.53	1/4	7,832.74	1/4	8,398.99	1/4	8,912.78	1/4	9,357.82	1/4	9,709.26	1/4	9,907.99	1/4	
1/2	5,948.54	1/2	6,604.26	1/2	7,239.49	1/2	7,844.98	1/2	8,410.26	1/2	8,922.80	1/2	9,366.19	1/2	9,715.33	1/2	9,908.83	1/2	
3/4	5,962.35	3/4	6,617.74	3/4	7,252.45	3/4	7,857.21	3/4	8,421.54	3/4	8,932.82	3/4	9,374.56	3/4	9,721.40	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/1966 CM
REPRINTED: 09/30/2009 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2009

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77586
<http://www.pmacorp.net>



BARGE "KIRBY 19801"

STBD
HORIZONTAL

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

FORMERLY "CHEMICAL 702"

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	9.19	0	202.60	0	551.64	0	995.69	0	1,508.95	0	2,074.95	0	2,681.19	0	3,317.14	0	3,973.60	0	4,641.98
1/4	10.37	1/4	208.84	1/4	560.18	1/4	1,005.85	1/4	1,520.33	1/4	2,087.27	1/4	2,694.21	1/4	3,330.67	1/4	3,987.44	1/4	4,655.98
1/2	11.55	1/2	215.08	1/2	568.71	1/2	1,016.00	1/2	1,531.71	1/2	2,099.60	1/2	2,707.24	1/2	3,344.20	1/2	4,001.29	1/2	4,669.98
3/4	12.73	3/4	221.33	3/4	577.25	3/4	1,026.15	3/4	1,543.10	3/4	2,111.92	3/4	2,720.26	3/4	3,357.73	3/4	4,015.13	3/4	4,683.98
1	13.90	1	227.57	1	585.79	1	1,036.31	1	1,554.48	1	2,124.24	1	2,733.29	1	3,371.26	1	4,028.98	1	4,697.98
1/4	16.02	1/4	233.82	1/4	594.33	1/4	1,046.47	1/4	1,565.86	1/4	2,136.55	1/4	2,746.31	1/4	3,384.79	1/4	4,042.83	1/4	4,711.98
1/2	18.13	1/2	240.06	1/2	602.87	1/2	1,056.63	1/2	1,577.24	1/2	2,148.87	1/2	2,759.33	1/2	3,398.32	1/2	4,056.68	1/2	4,725.98
3/4	20.24	3/4	246.30	3/4	611.41	3/4	1,066.79	3/4	1,588.62	3/4	2,161.18	3/4	2,772.36	3/4	3,411.85	3/4	4,070.53	3/4	4,739.98
2	22.36	2	252.55	2	619.95	2	1,076.95	2	1,600.00	2	2,173.50	2	2,785.38	2	3,425.38	2	4,084.38	2	4,753.98
1/4	25.12	1/4	259.24	1/4	628.79	1/4	1,087.33	1/4	1,611.55	1/4	2,185.95	1/4	2,798.50	1/4	3,438.97	1/4	4,098.27	1/4	4,767.98
1/2	27.88	1/2	265.93	1/2	637.63	1/2	1,097.71	1/2	1,623.11	1/2	2,198.40	1/2	2,811.62	1/2	3,452.56	1/2	4,112.15	1/2	4,781.99
3/4	30.64	3/4	272.62	3/4	646.47	3/4	1,108.10	3/4	1,634.66	3/4	2,210.86	3/4	2,824.74	3/4	3,466.15	3/4	4,126.04	3/4	4,795.99
3	33.40	3	279.31	3	655.31	3	1,118.48	3	1,646.21	3	2,223.31	3	2,837.86	3	3,479.74	3	4,139.93	3	4,810.00
1/4	36.67	1/4	286.00	1/4	664.15	1/4	1,128.86	1/4	1,657.77	1/4	2,235.76	1/4	2,850.98	1/4	3,493.33	1/4	4,153.82	1/4	4,824.01
1/2	39.93	1/2	292.69	1/2	673.00	1/2	1,139.24	1/2	1,669.32	1/2	2,248.21	1/2	2,864.10	1/2	3,506.93	1/2	4,167.70	1/2	4,838.01
3/4	43.19	3/4	299.38	3/4	681.85	3/4	1,149.62	3/4	1,680.87	3/4	2,260.67	3/4	2,877.21	3/4	3,520.52	3/4	4,181.59	3/4	4,852.02
4	46.45	4	306.07	4	690.69	4	1,160.00	4	1,692.43	4	2,273.12	4	2,890.33	4	3,534.12	4	4,195.48	4	4,866.02
1/4	50.16	1/4	313.18	1/4	699.82	1/4	1,170.60	1/4	1,704.15	1/4	2,285.70	1/4	2,903.55	1/4	3,547.77	1/4	4,209.39	1/4	4,880.01
1/2	53.87	1/2	320.29	1/2	708.95	1/2	1,181.20	1/2	1,715.87	1/2	2,298.27	1/2	2,916.76	1/2	3,561.43	1/2	4,223.31	1/2	4,894.00
3/4	57.58	3/4	327.39	3/4	718.08	3/4	1,191.80	3/4	1,727.59	3/4	2,310.85	3/4	2,929.98	3/4	3,575.08	3/4	4,237.23	3/4	4,907.99
5	61.29	5	334.50	5	727.21	5	1,202.40	5	1,739.31	5	2,323.43	5	2,943.19	5	3,588.74	5	4,251.14	5	4,921.98
1/4	65.38	1/4	341.61	1/4	736.35	1/4	1,213.01	1/4	1,751.04	1/4	2,336.01	1/4	2,956.40	1/4	3,602.39	1/4	4,265.06	1/4	4,935.96
1/2	69.46	1/2	348.71	1/2	745.49	1/2	1,223.61	1/2	1,762.76	1/2	2,348.58	1/2	2,969.62	1/2	3,616.05	1/2	4,278.98	1/2	4,949.95
3/4	73.55	3/4	355.82	3/4	754.63	3/4	1,234.21	3/4	1,774.49	3/4	2,361.16	3/4	2,982.83	3/4	3,629.70	3/4	4,292.89	3/4	4,963.94
6	77.64	6	362.93	6	763.76	6	1,244.81	6	1,786.21	6	2,373.74	6	2,996.05	6	3,643.36	6	4,306.81	6	4,977.93
1/4	82.10	1/4	370.42	1/4	773.17	1/4	1,255.62	1/4	1,798.10	1/4	2,386.43	1/4	3,009.35	1/4	3,657.07	1/4	4,320.76	1/4	4,991.92
1/2	86.56	1/2	377.92	1/2	782.57	1/2	1,266.43	1/2	1,809.98	1/2	2,399.13	1/2	3,022.64	1/2	3,670.79	1/2	4,334.70	1/2	5,005.91
3/4	91.02	3/4	385.41	3/4	791.98	3/4	1,277.24	3/4	1,821.86	3/4	2,411.83	3/4	3,035.94	3/4	3,684.50	3/4	4,348.65	3/4	5,019.89
7	95.48	7	392.90	7	801.38	7	1,288.05	7	1,833.74	7	2,424.52	7	3,049.24	7	3,698.21	7	4,362.60	7	5,033.88
1/4	100.25	1/4	400.40	1/4	810.79	1/4	1,298.86	1/4	1,845.61	1/4	2,437.22	1/4	3,062.54	1/4	3,711.92	1/4	4,376.54	1/4	5,047.89
1/2	105.02	1/2	407.89	1/2	820.19	1/2	1,309.67	1/2	1,857.49	1/2	2,449.92	1/2	3,075.85	1/2	3,725.63	1/2	4,390.49	1/2	5,061.89
3/4	109.80	3/4	415.39	3/4	829.60	3/4	1,320.48	3/4	1,869.36	3/4	2,462.61	3/4	3,089.15	3/4	3,739.34	3/4	4,404.43	3/4	5,075.90
8	114.57	8	422.88	8	839.00	8	1,331.29	8	1,881.24	8	2,475.31	8	3,102.45	8	3,753.05	8	4,418.38	8	5,089.90
1/4	119.67	1/4	430.76	1/4	848.67	1/4	1,342.30	1/4	1,893.27	1/4	2,488.13	1/4	3,115.83	1/4	3,766.81	1/4	4,432.35	1/4	5,103.91
1/2	124.77	1/2	438.63	1/2	858.33	1/2	1,353.31	1/2	1,905.31	1/2	2,500.94	1/2	3,129.21	1/2	3,780.57	1/2	4,446.31	1/2	5,117.92
3/4	129.87	3/4	446.51	3/4	868.00	3/4	1,364.32	3/4	1,917.35	3/4	2,513.76	3/4	3,142.60	3/4	3,794.33	3/4	4,460.27	3/4	5,131.92
9	134.98	9	454.38	9	877.67	9	1,375.33	9	1,929.38	9	2,526.57	9	3,155.98	9	3,808.10	9	4,474.24	9	5,145.93
1/4	140.33	1/4	462.26	1/4	887.34	1/4	1,386.34	1/4	1,941.42	1/4	2,539.38	1/4	3,169.36	1/4	3,821.86	1/4	4,488.20	1/4	5,159.93
1/2	145.69	1/2	470.13	1/2	897.01	1/2	1,397.35	1/2	1,953.45	1/2	2,552.19	1/2	3,182.74	1/2	3,835.62	1/2	4,502.17	1/2	5,173.93
3/4	151.05	3/4	478.01	3/4	906.68	3/4	1,408.35	3/4	1,965.49	3/4	2,565.00	3/4	3,196.12	3/4	3,849.38	3/4	4,516.13	3/4	5,187.93
10	156.40	10	485.88	10	916.36	10	1,419.36	10	1,977.52	10	2,577.81	10	3,209.50	10	3,863.14	10	4,530.10	10	5,201.93
1/4	162.06	1/4	494.10	1/4	926.27	1/4	1,430.55	1/4	1,989.70	1/4	2,590.73	1/4	3,222.96	1/4	3,876.95	1/4	4,544.08	1/4	5,215.93
1/2	167.71	1/2	502.32	1/2	936.19	1/2	1,441.75	1/2	2,001.88	1/2	2,603.65	1/2	3,236.42	1/2	3,890.75	1/2	4,558.07	1/2	5,229.93
3/4	173.37	3/4	510.54	3/4	946.11	3/4	1,452.95	3/4	2,014.06	3/4	2,616.58	3/4	3,249.87	3/4	3,904.55	3/4	4,572.06	3/4	5,243.93
11	179.02	11	518.76	11	956.02	11	1,464.14	11	2,026.24	11	2,629.50	11	3,263.33	11	3,918.36	11	4,586.05	11	5,257.93
1/4	184.92	1/4	526.98	1/4	965.94	1/4	1,475.35	1/4	2,038.42	1/4	2,642.42	1/4	3,276.79	1/4	3,932.17	1/4	4,600.03	1/4	5,271.92
1/2	190.81	1/2	535.20	1/2	975.86	1/2	1,486.55	1/2	2,050.60	1/2	2,655.35	1/2	3,290.24	1/2	3,945.98	1/2	4,614.01	1/2	5,285.90
3/4	196.70	3/4	543.42	3/4	985.77	3/4	1,497.75	3/4	2,062.77	3/4	2,668.27	3/4	3,303.69	3/4	3,959.79	3/4	4,627.99	3/4	5,299.89

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

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 19801"

**STBD
HORIZONTAL**

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

FORMERLY "CHEMICAL 702"

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	5,313.88	0	5,981.74	0	6,637.12	0	7,271.48	0	7,875.48	0	8,438.55	0	8,947.95	0	9,386.93	0	9,729.62	0	
1/4	5,327.86	1/4	5,995.54	1/4	6,650.58	1/4	7,284.40	1/4	7,887.65	1/4	8,449.75	1/4	8,957.87	1/4	9,395.14	1/4	9,735.33	1/4	
1/2	5,341.85	1/2	6,009.35	1/2	6,664.04	1/2	7,297.32	1/2	7,899.83	1/2	8,504.95	1/2	8,967.79	1/2	9,403.36	1/2	9,741.05	1/2	
3/4	5,355.83	3/4	6,023.15	3/4	6,677.49	3/4	7,310.24	3/4	7,912.01	3/4	8,472.15	3/4	8,977.70	3/4	9,411.57	3/4	9,746.76	3/4	
1	5,369.81	1	6,036.95	1	6,690.95	1	7,323.17	1	7,924.19	1	8,483.36	1	8,987.62	1	9,419.79	1	9,752.48	1	
1/4	5,383.78	1/4	6,050.73	1/4	6,704.35	1/4	7,336.01	1/4	7,936.26	1/4	8,494.41	1/4	8,997.35	1/4	9,427.75	1/4	9,757.91	1/4	
1/2	5,397.75	1/2	6,064.50	1/2	6,717.75	1/2	7,348.85	1/2	7,948.33	1/2	8,505.46	1/2	9,007.08	1/2	9,435.71	1/2	9,763.35	1/2	
3/4	5,411.72	3/4	6,078.27	3/4	6,731.15	3/4	7,361.68	3/4	7,960.40	3/4	8,516.52	3/4	9,016.82	3/4	9,443.68	3/4	9,768.78	3/4	
2	5,425.69	2	6,092.05	2	6,744.55	2	7,374.52	2	7,972.48	2	8,527.57	2	9,026.55	2	9,451.64	2	9,774.21	2	
1/4	5,439.65	1/4	6,105.81	1/4	6,757.93	1/4	7,387.33	1/4	7,984.51	1/4	8,538.58	1/4	9,036.22	1/4	9,459.52	1/4	9,779.38	1/4	
1/2	5,453.62	1/2	6,119.57	1/2	6,771.31	1/2	7,400.14	1/2	7,996.55	1/2	8,549.58	1/2	9,045.89	1/2	9,467.39	1/2	9,784.55	1/2	
3/4	5,467.58	3/4	6,133.33	3/4	6,784.69	3/4	7,412.95	3/4	8,008.58	3/4	8,560.59	3/4	9,055.57	3/4	9,475.27	3/4	9,789.71	3/4	
3	5,481.55	3	6,147.10	3	6,798.07	3	7,425.76	3	8,020.62	3	8,571.60	3	9,065.24	3	9,483.14	3	9,794.88	3	
1/4	5,495.50	1/4	6,160.82	1/4	6,811.39	1/4	7,438.49	1/4	8,032.54	1/4	8,582.46	1/4	9,074.71	1/4	9,490.75	1/4	9,799.73	1/4	
1/2	5,509.45	1/2	6,174.54	1/2	6,824.71	1/2	7,451.21	1/2	8,044.45	1/2	8,593.32	1/2	9,084.18	1/2	9,498.36	1/2	9,804.58	1/2	
3/4	5,523.40	3/4	6,188.26	3/4	6,838.04	3/4	7,463.94	3/4	8,056.37	3/4	8,604.18	3/4	9,093.65	3/4	9,505.96	3/4	9,809.43	3/4	
4	5,537.36	4	6,201.98	4	6,851.36	4	7,476.67	4	8,068.29	4	8,615.05	4	9,103.12	4	9,513.57	4	9,814.29	4	
1/4	5,551.30	1/4	6,215.69	1/4	6,864.65	1/4	7,489.36	1/4	8,080.17	1/4	8,625.86	1/4	9,112.52	1/4	9,521.08	1/4	9,818.82	1/4	
1/2	5,565.25	1/2	6,229.40	1/2	6,877.95	1/2	7,502.06	1/2	8,092.05	1/2	8,636.67	1/2	9,121.93	1/2	9,528.60	1/2	9,823.36	1/2	
3/4	5,579.20	3/4	6,243.12	3/4	6,891.25	3/4	7,514.76	3/4	8,103.93	3/4	8,647.48	3/4	9,131.33	3/4	9,536.11	3/4	9,827.89	3/4	
5	5,593.14	5	6,256.83	5	6,904.55	5	7,527.45	5	8,115.81	5	8,658.29	5	9,140.74	5	9,543.62	5	9,832.43	5	
1/4	5,607.07	1/4	6,270.50	1/4	6,917.78	1/4	7,540.06	1/4	8,127.57	1/4	8,668.93	1/4	9,149.94	1/4	9,550.85	1/4	9,836.64	1/4	
1/2	5,620.99	1/2	6,284.17	1/2	6,931.01	1/2	7,552.67	1/2	8,139.33	1/2	8,679.58	1/2	9,159.14	1/2	9,558.07	1/2	9,840.85	1/2	
3/4	5,634.91	3/4	6,297.83	3/4	6,944.24	3/4	7,565.27	3/4	8,151.10	3/4	8,690.23	3/4	9,168.35	3/4	9,565.30	3/4	9,845.05	3/4	
6	5,648.83	6	6,311.50	6	6,957.48	6	7,577.88	6	8,162.86	6	8,700.88	6	9,177.55	6	9,572.52	6	9,849.26	6	
1/4	5,662.75	1/4	6,325.15	1/4	6,970.69	1/4	7,590.46	1/4	8,174.58	1/4	8,711.48	1/4	9,186.68	1/4	9,579.65	1/4	9,853.07	1/4	
1/2	5,676.67	1/2	6,338.81	1/2	6,983.90	1/2	7,603.05	1/2	8,186.31	1/2	8,722.08	1/2	9,195.81	1/2	9,586.77	1/2	9,856.87	1/2	
3/4	5,690.58	3/4	6,352.46	3/4	6,997.12	3/4	7,615.63	3/4	8,198.04	3/4	8,732.68	3/4	9,204.94	3/4	9,593.90	3/4	9,860.67	3/4	
7	5,704.50	7	6,366.12	7	7,010.33	7	7,628.21	7	8,209.76	7	8,743.29	7	9,214.07	7	9,601.02	7	9,864.48	7	
1/4	5,718.40	1/4	6,379.73	1/4	7,023.48	1/4	7,640.70	1/4	8,221.36	1/4	8,753.73	1/4	9,222.99	1/4	9,607.84	1/4	9,867.86	1/4	
1/2	5,732.30	1/2	6,393.33	1/2	7,036.63	1/2	7,653.18	1/2	8,232.95	1/2	8,764.17	1/2	9,231.90	1/2	9,614.65	1/2	9,871.24	1/2	
3/4	5,746.20	3/4	6,406.94	3/4	7,049.78	3/4	7,665.66	3/4	8,244.55	3/4	8,774.61	3/4	9,240.82	3/4	9,621.47	3/4	9,874.62	3/4	
8	5,760.10	8	6,420.55	8	7,062.93	8	7,678.14	8	8,256.14	8	8,785.05	8	9,249.74	8	9,628.29	8	9,878.00	8	
1/4	5,773.98	1/4	6,434.14	1/4	7,076.05	1/4	7,690.60	1/4	8,267.70	1/4	8,795.43	1/4	9,258.58	1/4	9,634.99	1/4	9,880.89	1/4	
1/2	5,787.87	1/2	6,447.74	1/2	7,089.17	1/2	7,703.05	1/2	8,279.25	1/2	8,805.81	1/2	9,267.43	1/2	9,641.70	1/2	9,883.79	1/2	
3/4	5,801.76	3/4	6,461.33	3/4	7,102.29	3/4	7,715.50	3/4	8,290.80	3/4	8,816.19	3/4	9,276.27	3/4	9,648.41	3/4	9,886.68	3/4	
9	5,815.64	9	6,474.93	9	7,115.40	9	7,727.95	9	8,302.36	9	8,826.57	9	9,285.12	9	9,655.12	9	9,889.57	9	
1/4	5,829.50	1/4	6,488.48	1/4	7,128.45	1/4	7,740.30	1/4	8,313.78	1/4	8,836.79	1/4	9,293.73	1/4	9,661.49	1/4	9,891.86	1/4	
1/2	5,843.36	1/2	6,502.02	1/2	7,141.50	1/2	7,752.65	1/2	8,325.20	1/2	8,847.00	1/2	9,302.35	1/2	9,667.87	1/2	9,894.14	1/2	
3/4	5,857.21	3/4	6,515.57	3/4	7,154.55	3/4	7,765.01	3/4	8,336.63	3/4	8,857.21	3/4	9,310.96	3/4	9,674.24	3/4	9,896.43	3/4	
10	5,871.07	10	6,529.12	10	7,167.60	10	7,777.36	10	8,348.05	10	8,867.43	10	9,319.57	10	9,680.62	10	9,898.71	10	
1/4	5,884.92	1/4	6,542.64	1/4	7,180.62	1/4	7,789.67	1/4	8,359.43	1/4	8,877.58	1/4	9,328.11	1/4	9,686.89	1/4	9,900.16	1/4	
1/2	5,898.76	1/2	6,556.17	1/2	7,193.64	1/2	7,801.99	1/2	8,370.81	1/2	8,887.74	1/2	9,336.65	1/2	9,693.15	1/2	9,901.61	1/2	
3/4	5,912.61	3/4	6,569.69	3/4	7,206.67	3/4	7,814.30	3/4	8,382.19	3/4	8,897.89	3/4	9,345.20	3/4	9,699.42	3/4	9,903.05	3/4	
11	5,926.45	11	6,583.21	11	7,219.69	11	7,826.62	11	8,393.57	11	8,908.05	11	9,353.74	11	9,705.69	11	9,904.50	11	
1/4	5,940.27	1/4	6,596.69	1/4	7,232.64	1/4	7,838.83	1/4	8,404.82	1/4	8,918.02	1/4	9,362.04	1/4	9,711.67	1/4	9,905.36	1/4	
1/2	5,954.10	1/2	6,610.17	1/2	7,245.58	1/2	7,851.05	1/2	8,416.06	1/2	8,928.00	1/2	9,370.33	1/2	9,717.65	1/2		1/2	
3/4	5,967.92	3/4	6,623.64	3/4	7,258.53	3/4	7,863.26	3/4	8,427.30	3/4	8,937.98	3/4	9,378.63	3/4	9,723.64	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 09/2009

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