



BARGE "KIRBY 17804"

PORT HORIZONTAL

INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "DBL 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	0.12	0	208.04	0	580.67	0	1,050.33	0	1,588.80	0	2,177.98	0	2,803.95	0	3,455.03	0	4,120.76	0	4,791.31
1/4	1.39	1/4	214.58	1/4	589.65	1/4	1,060.96	1/4	1,600.65	1/4	2,190.71	1/4	2,817.31	1/4	3,468.80	1/4	4,134.72	1/4	4,805.25
1/2	2.65	1/2	221.12	1/2	598.64	1/2	1,071.59	1/2	1,612.49	1/2	2,203.45	1/2	2,830.68	1/2	3,482.56	1/2	4,148.67	1/2	4,819.20
3/4	3.92	3/4	227.66	3/4	607.62	3/4	1,082.23	3/4	1,624.33	3/4	2,216.18	3/4	2,844.04	3/4	3,496.32	3/4	4,162.63	3/4	4,833.15
1	5.18	1	234.20	1	616.60	1	1,092.86	1	1,636.18	1	2,228.91	1	2,857.40	1	3,510.09	1	4,176.59	1	4,847.10
1/4	7.50	1/4	240.98	1/4	625.75	1/4	1,103.61	1/4	1,648.11	1/4	2,241.71	1/4	2,870.80	1/4	3,523.88	1/4	4,190.55	1/4	4,861.04
1/2	9.81	1/2	247.77	1/2	634.89	1/2	1,114.36	1/2	1,660.03	1/2	2,254.50	1/2	2,884.21	1/2	3,537.66	1/2	4,204.52	1/2	4,874.98
3/4	12.12	3/4	254.55	3/4	644.03	3/4	1,125.11	3/4	1,671.96	3/4	2,267.29	3/4	2,897.61	3/4	3,551.45	3/4	4,218.48	3/4	4,888.92
2	14.44	2	261.34	2	653.18	2	1,135.86	2	1,683.89	2	2,280.09	2	2,911.02	2	3,565.24	2	4,232.44	2	4,902.86
1/4	17.43	1/4	268.38	1/4	662.48	1/4	1,146.72	1/4	1,695.90	1/4	2,292.94	1/4	2,924.46	1/4	3,579.05	1/4	4,246.41	1/4	4,916.78
1/2	20.42	1/2	275.42	1/2	671.78	1/2	1,157.58	1/2	1,707.92	1/2	2,305.80	1/2	2,937.90	1/2	3,592.86	1/2	4,260.38	1/2	4,930.71
3/4	23.41	3/4	282.47	3/4	681.07	3/4	1,168.44	3/4	1,719.93	3/4	2,318.65	3/4	2,951.35	3/4	3,606.67	3/4	4,274.35	3/4	4,944.64
3	26.41	3	289.51	3	690.37	3	1,179.30	3	1,731.94	3	2,331.51	3	2,964.79	3	3,620.48	3	4,288.32	3	4,958.57
1/4	29.95	1/4	296.80	1/4	699.82	1/4	1,190.27	1/4	1,744.03	1/4	2,344.42	1/4	2,978.27	1/4	3,634.31	1/4	4,302.29	1/4	4,972.48
1/2	33.49	1/2	304.10	1/2	709.27	1/2	1,201.25	1/2	1,756.12	1/2	2,357.33	1/2	2,991.76	1/2	3,648.14	1/2	4,316.27	1/2	4,986.40
3/4	37.03	3/4	311.39	3/4	718.72	3/4	1,212.22	3/4	1,768.22	3/4	2,370.25	3/4	3,005.24	3/4	3,661.98	3/4	4,330.24	3/4	5,000.31
4	40.57	4	318.69	4	728.17	4	1,223.19	4	1,780.31	4	2,383.16	4	3,018.72	4	3,675.81	4	4,344.22	4	5,014.23
1/4	44.58	1/4	326.20	1/4	737.76	1/4	1,234.27	1/4	1,792.48	1/4	2,396.13	1/4	3,032.24	1/4	3,689.66	1/4	4,358.19	1/4	5,028.13
1/2	48.59	1/2	333.70	1/2	747.36	1/2	1,245.34	1/2	1,804.65	1/2	2,409.10	1/2	3,045.76	1/2	3,703.51	1/2	4,372.17	1/2	5,042.03
3/4	52.60	3/4	341.21	3/4	756.95	3/4	1,256.42	3/4	1,816.83	3/4	2,422.07	3/4	3,059.28	3/4	3,717.36	3/4	4,386.15	3/4	5,055.93
5	56.61	5	348.72	5	766.55	5	1,267.50	5	1,829.00	5	2,435.04	5	3,072.80	5	3,731.21	5	4,400.12	5	5,069.83
1/4	61.03	1/4	356.44	1/4	776.29	1/4	1,278.68	1/4	1,841.25	1/4	2,448.06	1/4	3,086.36	1/4	3,745.08	1/4	4,414.10	1/4	5,083.72
1/2	65.46	1/2	364.16	1/2	786.02	1/2	1,289.86	1/2	1,853.49	1/2	2,461.09	1/2	3,099.92	1/2	3,758.95	1/2	4,428.08	1/2	5,097.61
3/4	69.89	3/4	371.87	3/4	795.76	3/4	1,301.05	3/4	1,865.74	3/4	2,474.11	3/4	3,113.47	3/4	3,772.82	3/4	4,442.05	3/4	5,111.49
6	74.31	6	379.59	6	805.50	6	1,312.23	6	1,877.99	6	2,487.13	6	3,127.03	6	3,786.69	6	4,456.03	6	5,125.38
1/4	79.12	1/4	387.51	1/4	815.37	1/4	1,323.51	1/4	1,890.32	1/4	2,500.21	1/4	3,140.62	1/4	3,800.57	1/4	4,470.01	1/4	5,139.25
1/2	83.92	1/2	395.42	1/2	825.25	1/2	1,334.80	1/2	1,902.64	1/2	2,513.29	1/2	3,154.21	1/2	3,814.46	1/2	4,483.99	1/2	5,153.12
3/4	88.73	3/4	403.34	3/4	835.12	3/4	1,346.08	3/4	1,914.96	3/4	2,526.37	3/4	3,167.80	3/4	3,828.35	3/4	4,497.97	3/4	5,166.98
7	93.54	7	411.26	7	845.00	7	1,357.37	7	1,927.29	7	2,539.44	7	3,181.39	7	3,842.23	7	4,511.94	7	5,180.85
1/4	98.69	1/4	419.37	1/4	855.01	1/4	1,368.75	1/4	1,939.68	1/4	2,552.57	1/4	3,195.01	1/4	3,856.13	1/4	4,525.92	1/4	5,194.70
1/2	103.84	1/2	427.48	1/2	865.02	1/2	1,380.13	1/2	1,952.08	1/2	2,565.70	1/2	3,208.63	1/2	3,870.03	1/2	4,539.90	1/2	5,208.56
3/4	109.00	3/4	435.58	3/4	875.03	3/4	1,391.52	3/4	1,964.48	3/4	2,578.83	3/4	3,222.26	3/4	3,883.94	3/4	4,553.87	3/4	5,222.41
8	114.15	8	443.69	8	885.04	8	1,402.90	8	1,976.87	8	2,591.96	8	3,235.88	8	3,897.84	8	4,567.85	8	5,236.26
1/4	119.60	1/4	451.99	1/4	895.18	1/4	1,414.38	1/4	1,989.34	1/4	2,605.14	1/4	3,249.53	1/4	3,911.75	1/4	4,581.82	1/4	5,250.09
1/2	125.05	1/2	460.29	1/2	905.33	1/2	1,425.86	1/2	2,001.81	1/2	2,618.32	1/2	3,263.19	1/2	3,925.67	1/2	4,595.80	1/2	5,263.92
3/4	130.50	3/4	468.58	3/4	915.47	3/4	1,437.34	3/4	2,014.27	3/4	2,631.50	3/4	3,276.84	3/4	3,939.58	3/4	4,609.77	3/4	5,277.75
9	135.95	9	476.88	9	925.61	9	1,448.82	9	2,026.74	9	2,644.67	9	3,290.49	9	3,953.50	9	4,623.74	9	5,291.58
1/4	141.68	1/4	485.35	1/4	935.88	1/4	1,460.39	1/4	2,039.28	1/4	2,657.90	1/4	3,304.18	1/4	3,967.43	1/4	4,637.71	1/4	5,305.39
1/2	147.41	1/2	493.83	1/2	946.15	1/2	1,471.97	1/2	2,051.81	1/2	2,671.13	1/2	3,317.86	1/2	3,981.35	1/2	4,651.68	1/2	5,319.20
3/4	153.13	3/4	502.31	3/4	956.42	3/4	1,483.54	3/4	2,064.35	3/4	2,684.36	3/4	3,331.55	3/4	3,995.28	3/4	4,665.65	3/4	5,333.02
10	158.86	10	510.78	10	966.69	10	1,495.12	10	2,076.89	10	2,697.58	10	3,345.23	10	4,009.21	10	4,679.62	10	5,346.83
1/4	164.87	1/4	519.43	1/4	977.08	1/4	1,506.78	1/4	2,089.49	1/4	2,710.86	1/4	3,358.94	1/4	4,023.15	1/4	4,693.59	1/4	5,360.61
1/2	170.89	1/2	528.08	1/2	987.48	1/2	1,518.45	1/2	2,102.10	1/2	2,724.13	1/2	3,372.65	1/2	4,037.09	1/2	4,707.55	1/2	5,374.40
3/4	176.90	3/4	536.74	3/4	997.87	3/4	1,530.11	3/4	2,114.70	3/4	2,737.40	3/4	3,386.36	3/4	4,051.03	3/4	4,721.51	3/4	5,388.19
11	182.91	11	545.39	11	1,008.26	11	1,541.78	11	2,127.30	11	2,750.68	11	3,400.08	11	4,064.97	11	4,735.48	11	5,401.98
1/4	189.20	1/4	554.21	1/4	1,018.78	1/4	1,553.54	1/4	2,139.97	1/4	2,764.00	1/4	3,413.82	1/4	4,078.91	1/4	4,749.43	1/4	5,415.74
1/2	195.48	1/2	563.03	1/2	1,029.29	1/2	1,565.29	1/2	2,152.64	1/2	2,777.31	1/2	3,427.55	1/2	4,092.86	1/2	4,763.39	1/2	5,429.51
3/4	201.76	3/4	571.85	3/4	1,039.81	3/4	1,577.05	3/4	2,165.31	3/4	2,790.63	3/4	3,441.29	3/4	4,106.81	3/4	4,777.35	3/4	5,443.27

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 17804"

PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "DBL 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	5,457.03	0	6,108.11	0	6,734.09	0	7,323.26	0	7,861.74	0	8,331.40	0	8,704.54	0	8,913.18	0		0	
1/4	5,470.77	1/4	6,121.43	1/4	6,746.75	1/4	7,335.02	1/4	7,872.26	1/4	8,340.22	1/4	8,710.87	1/4		1/4		1/4	
1/2	5,484.51	1/2	6,134.75	1/2	6,759.42	1/2	7,346.77	1/2	7,882.77	1/2	8,349.04	1/2	8,717.21	1/2		1/2		1/2	
3/4	5,498.25	3/4	6,148.07	3/4	6,772.09	3/4	7,358.53	3/4	7,893.29	3/4	8,357.86	3/4	8,723.54	3/4		3/4		3/4	
1	5,511.99	1	6,161.39	1	6,784.76	1	7,370.29	1	7,903.80	1	8,366.68	1	8,729.88	1		1		1	
1/4	5,525.70	1/4	6,174.66	1/4	6,797.37	1/4	7,381.95	1/4	7,914.20	1/4	8,375.33	1/4	8,735.94	1/4		1/4		1/4	
1/2	5,539.41	1/2	6,187.94	1/2	6,809.97	1/2	7,393.62	1/2	7,924.59	1/2	8,383.98	1/2	8,742.01	1/2		1/2		1/2	
3/4	5,553.12	3/4	6,201.21	3/4	6,822.57	3/4	7,405.28	3/4	7,934.98	3/4	8,392.63	3/4	8,748.07	3/4		3/4		3/4	
2	5,566.84	2	6,214.48	2	6,835.18	2	7,416.95	2	7,945.38	2	8,401.28	2	8,754.13	2		2		2	
1/4	5,580.52	1/4	6,227.71	1/4	6,847.71	1/4	7,428.52	1/4	7,955.65	1/4	8,409.76	1/4	8,759.91	1/4		1/4		1/4	
1/2	5,594.20	1/2	6,240.94	1/2	6,860.25	1/2	7,440.10	1/2	7,965.92	1/2	8,418.24	1/2	8,765.69	1/2		1/2		1/2	
3/4	5,607.89	3/4	6,254.16	3/4	6,872.79	3/4	7,451.67	3/4	7,976.19	3/4	8,426.71	3/4	8,771.47	3/4		3/4		3/4	
3	5,621.57	3	6,267.39	3	6,885.32	3	7,463.25	3	7,986.46	3	8,435.19	3	8,777.25	3		3		3	
1/4	5,635.23	1/4	6,280.57	1/4	6,897.79	1/4	7,474.73	1/4	7,996.60	1/4	8,443.48	1/4	8,782.73	1/4		1/4		1/4	
1/2	5,648.88	1/2	6,293.75	1/2	6,910.26	1/2	7,486.21	1/2	8,006.74	1/2	8,451.78	1/2	8,788.20	1/2		1/2		1/2	
3/4	5,662.53	3/4	6,306.93	3/4	6,922.73	3/4	7,497.69	3/4	8,016.88	3/4	8,460.08	3/4	8,793.68	3/4		3/4		3/4	
4	5,676.19	4	6,320.11	4	6,935.19	4	7,509.17	4	8,027.02	4	8,468.37	4	8,799.16	4		4		4	
1/4	5,689.81	1/4	6,333.23	1/4	6,947.59	1/4	7,520.55	1/4	8,037.03	1/4	8,476.48	1/4	8,804.31	1/4		1/4		1/4	
1/2	5,703.43	1/2	6,346.36	1/2	6,959.99	1/2	7,531.93	1/2	8,047.04	1/2	8,484.59	1/2	8,809.46	1/2		1/2		1/2	
3/4	5,717.06	3/4	6,359.49	3/4	6,972.38	3/4	7,543.32	3/4	8,057.05	3/4	8,492.70	3/4	8,814.62	3/4		3/4		3/4	
5	5,730.68	5	6,372.62	5	6,984.78	5	7,554.70	5	8,067.07	5	8,500.81	5	8,819.77	5		5		5	
1/4	5,744.27	1/4	6,385.70	1/4	6,997.10	1/4	7,565.98	1/4	8,076.94	1/4	8,508.73	1/4	8,824.58	1/4		1/4		1/4	
1/2	5,757.86	1/2	6,398.78	1/2	7,009.43	1/2	7,577.27	1/2	8,086.82	1/2	8,516.64	1/2	8,829.38	1/2		1/2		1/2	
3/4	5,771.45	3/4	6,411.85	3/4	7,021.75	3/4	7,588.55	3/4	8,096.69	3/4	8,524.56	3/4	8,834.19	3/4		3/4		3/4	
6	5,785.04	6	6,424.93	6	7,034.07	6	7,599.84	6	8,106.57	6	8,532.48	6	8,838.99	6		6		6	
1/4	5,798.59	1/4	6,437.96	1/4	7,046.32	1/4	7,611.02	1/4	8,116.31	1/4	8,540.19	1/4	8,843.42	1/4		1/4		1/4	
1/2	5,812.15	1/2	6,450.98	1/2	7,058.57	1/2	7,622.20	1/2	8,126.04	1/2	8,547.91	1/2	8,847.85	1/2		1/2		1/2	
3/4	5,825.71	3/4	6,464.00	3/4	7,070.82	3/4	7,633.38	3/4	8,135.78	3/4	8,555.63	3/4	8,852.27	3/4		3/4		3/4	
7	5,839.26	7	6,477.03	7	7,083.07	7	7,644.57	7	8,145.52	7	8,563.34	7	8,856.70	7		7		7	
1/4	5,852.78	1/4	6,490.00	1/4	7,095.24	1/4	7,655.64	1/4	8,155.11	1/4	8,570.85	1/4	8,860.71	1/4		1/4		1/4	
1/2	5,866.30	1/2	6,502.97	1/2	7,107.41	1/2	7,666.72	1/2	8,164.71	1/2	8,578.36	1/2	8,864.72	1/2		1/2		1/2	
3/4	5,879.82	3/4	6,515.94	3/4	7,119.58	3/4	7,677.80	3/4	8,174.30	3/4	8,585.87	3/4	8,868.73	3/4		3/4		3/4	
8	5,893.34	8	6,528.91	8	7,131.76	8	7,688.88	8	8,183.90	8	8,593.38	8	8,872.74	8		8		8	
1/4	5,906.82	1/4	6,541.82	1/4	7,143.85	1/4	7,699.85	1/4	8,193.35	1/4	8,600.67	1/4	8,876.28	1/4		1/4		1/4	
1/2	5,920.31	1/2	6,554.73	1/2	7,155.94	1/2	7,710.82	1/2	8,202.80	1/2	8,607.97	1/2	8,879.82	1/2		1/2		1/2	
3/4	5,933.79	3/4	6,567.64	3/4	7,168.03	3/4	7,721.79	3/4	8,212.24	3/4	8,615.26	3/4	8,883.36	3/4		3/4		3/4	
9	5,947.27	9	6,580.56	9	7,180.13	9	7,732.76	9	8,221.69	9	8,622.55	9	8,886.90	9		9		9	
1/4	5,960.72	1/4	6,593.41	1/4	7,192.14	1/4	7,743.62	1/4	8,230.99	1/4	8,629.62	1/4	8,889.89	1/4		1/4		1/4	
1/2	5,974.16	1/2	6,606.27	1/2	7,204.15	1/2	7,754.48	1/2	8,240.29	1/2	8,636.69	1/2	8,892.88	1/2		1/2		1/2	
3/4	5,987.61	3/4	6,619.12	3/4	7,216.16	3/4	7,765.35	3/4	8,249.59	3/4	8,643.76	3/4	8,895.88	3/4		3/4		3/4	
10	6,001.05	10	6,631.98	10	7,228.17	10	7,776.21	10	8,258.89	10	8,650.83	10	8,898.87	10		10		10	
1/4	6,014.45	1/4	6,644.77	1/4	7,240.10	1/4	7,786.96	1/4	8,268.03	1/4	8,657.67	1/4	8,901.18	1/4		1/4		1/4	
1/2	6,027.86	1/2	6,657.57	1/2	7,252.03	1/2	7,797.71	1/2	8,277.17	1/2	8,664.50	1/2	8,903.50	1/2		1/2		1/2	
3/4	6,041.26	3/4	6,670.36	3/4	7,263.96	3/4	7,808.46	3/4	8,286.32	3/4	8,671.34	3/4	8,905.81	3/4		3/4		3/4	
11	6,054.67	11	6,683.15	11	7,275.89	11	7,819.20	11	8,295.46	11	8,678.18	11	8,908.12	11		11		11	
1/4	6,068.03	1/4	6,695.89	1/4	7,287.73	1/4	7,829.84	1/4	8,304.45	1/4	8,684.77	1/4	8,909.39	1/4		1/4		1/4	
1/2	6,081.39	1/2	6,708.62	1/2	7,299.57	1/2	7,840.47	1/2	8,313.43	1/2	8,691.36	1/2	8,910.65	1/2		1/2		1/2	
3/4	6,094.75	3/4	6,721.35	3/4	7,311.42	3/4	7,851.11	3/4	8,322.41	3/4	8,697.95	3/4	8,911.92	3/4		3/4		3/4	

STRAPPED: 06/01/2012 CL - SW
CALCULATED: 06/01/2012 CL
NAME CHANGE: 05/24/2022 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022

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 17804"

STBD
HORIZONTAL

INNAGE TABLE
BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "DBL 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	0.12	0	207.94	0	580.33	0	1,049.66	0	1,587.72	0	2,176.42	0	2,801.87	0	3,452.39	0	4,117.54	0	4,787.50
1/4	1.39	1/4	214.47	1/4	589.31	1/4	1,060.28	1/4	1,599.56	1/4	2,189.15	1/4	2,815.22	1/4	3,466.15	1/4	4,131.49	1/4	4,801.44
1/2	2.65	1/2	221.01	1/2	598.28	1/2	1,070.91	1/2	1,611.39	1/2	2,201.87	1/2	2,828.57	1/2	3,479.90	1/2	4,145.43	1/2	4,815.38
3/4	3.92	3/4	227.54	3/4	607.26	3/4	1,081.53	3/4	1,623.22	3/4	2,214.59	3/4	2,841.92	3/4	3,493.65	3/4	4,159.38	3/4	4,829.31
1	5.18	1	234.08	1	616.24	1	1,092.16	1	1,635.06	1	2,227.31	1	2,855.27	1	3,507.40	1	4,173.32	1	4,843.25
1/4	7.49	1/4	240.86	1/4	625.38	1/4	1,102.90	1/4	1,646.98	1/4	2,240.10	1/4	2,868.67	1/4	3,521.18	1/4	4,187.27	1/4	4,857.18
1/2	9.81	1/2	247.64	1/2	634.52	1/2	1,113.64	1/2	1,658.90	1/2	2,252.88	1/2	2,882.06	1/2	3,534.95	1/2	4,201.23	1/2	4,871.10
3/4	12.12	3/4	254.42	3/4	643.65	3/4	1,124.38	3/4	1,670.82	3/4	2,265.66	3/4	2,895.45	3/4	3,548.73	3/4	4,215.18	3/4	4,885.03
2	14.43	2	261.20	2	652.79	2	1,135.12	2	1,682.73	2	2,278.45	2	2,908.84	2	3,562.51	2	4,229.13	2	4,898.96
1/4	17.42	1/4	268.24	1/4	662.08	1/4	1,145.98	1/4	1,694.74	1/4	2,291.29	1/4	2,922.28	1/4	3,576.30	1/4	4,243.09	1/4	4,912.87
1/2	20.41	1/2	275.28	1/2	671.37	1/2	1,156.83	1/2	1,706.74	1/2	2,304.14	1/2	2,935.71	1/2	3,590.10	1/2	4,257.04	1/2	4,926.79
3/4	23.41	3/4	282.32	3/4	680.67	3/4	1,167.68	3/4	1,718.74	3/4	2,316.98	3/4	2,949.14	3/4	3,603.90	3/4	4,271.00	3/4	4,940.70
3	26.40	3	289.36	3	689.96	3	1,178.54	3	1,730.74	3	2,329.82	3	2,962.57	3	3,617.70	3	4,284.96	3	4,954.62
1/4	29.94	1/4	296.65	1/4	699.40	1/4	1,189.50	1/4	1,742.83	1/4	2,342.73	1/4	2,976.05	1/4	3,631.52	1/4	4,298.92	1/4	4,968.52
1/2	33.47	1/2	303.94	1/2	708.84	1/2	1,200.46	1/2	1,754.91	1/2	2,355.63	1/2	2,989.52	1/2	3,645.34	1/2	4,312.88	1/2	4,982.43
3/4	37.01	3/4	311.23	3/4	718.29	3/4	1,211.43	3/4	1,766.99	3/4	2,368.53	3/4	3,002.99	3/4	3,659.16	3/4	4,326.84	3/4	4,996.33
4	40.55	4	318.52	4	727.73	4	1,222.39	4	1,779.08	4	2,381.43	4	3,016.46	4	3,672.98	4	4,340.80	4	5,010.23
1/4	44.56	1/4	326.02	1/4	737.32	1/4	1,233.46	1/4	1,791.24	1/4	2,394.39	1/4	3,029.97	1/4	3,686.82	1/4	4,354.77	1/4	5,024.12
1/2	48.57	1/2	333.52	1/2	746.90	1/2	1,244.53	1/2	1,803.40	1/2	2,407.35	1/2	3,043.48	1/2	3,700.66	1/2	4,368.73	1/2	5,038.01
3/4	52.57	3/4	341.03	3/4	756.49	3/4	1,255.60	3/4	1,815.56	3/4	2,420.31	3/4	3,056.99	3/4	3,714.49	3/4	4,382.70	3/4	5,051.90
5	56.58	5	348.53	5	766.08	5	1,266.67	5	1,827.72	5	2,433.27	5	3,070.49	5	3,728.33	5	4,396.66	5	5,065.79
1/4	61.01	1/4	356.25	1/4	775.81	1/4	1,277.84	1/4	1,839.96	1/4	2,446.28	1/4	3,084.04	1/4	3,742.19	1/4	4,410.63	1/4	5,079.66
1/2	65.43	1/2	363.96	1/2	785.54	1/2	1,289.01	1/2	1,852.20	1/2	2,459.29	1/2	3,097.58	1/2	3,756.05	1/2	4,424.59	1/2	5,093.54
3/4	69.86	3/4	371.67	3/4	795.27	3/4	1,300.19	3/4	1,864.44	3/4	2,472.31	3/4	3,111.13	3/4	3,769.91	3/4	4,438.56	3/4	5,107.41
6	74.28	6	379.38	6	805.00	6	1,311.36	6	1,876.68	6	2,485.32	6	3,124.67	6	3,783.76	6	4,452.52	6	5,121.28
1/4	79.08	1/4	387.29	1/4	814.87	1/4	1,322.64	1/4	1,888.99	1/4	2,498.39	1/4	3,138.25	1/4	3,797.64	1/4	4,466.49	1/4	5,135.14
1/2	83.89	1/2	395.21	1/2	824.74	1/2	1,333.91	1/2	1,901.31	1/2	2,511.45	1/2	3,151.83	1/2	3,811.51	1/2	4,480.45	1/2	5,149.00
3/4	88.69	3/4	403.12	3/4	834.61	3/4	1,345.19	3/4	1,913.62	3/4	2,524.52	3/4	3,165.41	3/4	3,825.38	3/4	4,494.42	3/4	5,162.86
7	93.49	7	411.03	7	844.48	7	1,356.46	7	1,925.93	7	2,537.59	7	3,178.98	7	3,839.26	7	4,508.39	7	5,176.71
1/4	98.64	1/4	419.13	1/4	854.48	1/4	1,367.84	1/4	1,938.32	1/4	2,550.70	1/4	3,192.60	1/4	3,853.15	1/4	4,522.35	1/4	5,190.55
1/2	103.79	1/2	427.24	1/2	864.49	1/2	1,379.21	1/2	1,950.71	1/2	2,563.82	1/2	3,206.21	1/2	3,867.04	1/2	4,536.31	1/2	5,204.39
3/4	108.94	3/4	435.34	3/4	874.49	3/4	1,390.59	3/4	1,963.09	3/4	2,576.94	3/4	3,219.82	3/4	3,880.93	3/4	4,550.28	3/4	5,218.23
8	114.10	8	443.45	8	884.49	8	1,401.96	8	1,975.48	8	2,590.06	8	3,233.43	8	3,894.82	8	4,564.24	8	5,232.07
1/4	119.54	1/4	451.74	1/4	894.63	1/4	1,413.43	1/4	1,987.94	1/4	2,603.23	1/4	3,247.07	1/4	3,908.72	1/4	4,578.20	1/4	5,245.89
1/2	124.99	1/2	460.03	1/2	904.76	1/2	1,424.90	1/2	2,000.39	1/2	2,616.39	1/2	3,260.71	1/2	3,922.62	1/2	4,592.17	1/2	5,259.71
3/4	130.44	3/4	468.32	3/4	914.90	3/4	1,436.37	3/4	2,012.85	3/4	2,629.56	3/4	3,274.36	3/4	3,936.52	3/4	4,606.13	3/4	5,273.53
9	135.89	9	476.61	9	925.03	9	1,447.85	9	2,025.31	9	2,642.73	9	3,288.00	9	3,950.43	9	4,620.09	9	5,287.35
1/4	141.61	1/4	485.08	1/4	935.29	1/4	1,459.41	1/4	2,037.83	1/4	2,655.94	1/4	3,301.67	1/4	3,964.34	1/4	4,634.05	1/4	5,301.15
1/2	147.34	1/2	493.55	1/2	945.55	1/2	1,470.98	1/2	2,050.36	1/2	2,669.16	1/2	3,315.34	1/2	3,978.26	1/2	4,648.00	1/2	5,314.94
3/4	153.06	3/4	502.02	3/4	955.82	3/4	1,482.54	3/4	2,062.89	3/4	2,682.38	3/4	3,329.01	3/4	3,992.17	3/4	4,661.96	3/4	5,328.74
10	158.78	10	510.49	10	966.08	10	1,494.11	10	2,075.41	10	2,695.59	10	3,342.69	10	4,006.09	10	4,675.92	10	5,342.54
1/4	164.79	1/4	519.14	1/4	976.46	1/4	1,505.76	1/4	2,088.01	1/4	2,708.85	1/4	3,356.39	1/4	4,020.02	1/4	4,689.87	1/4	5,356.32
1/2	170.80	1/2	527.78	1/2	986.85	1/2	1,517.42	1/2	2,100.60	1/2	2,722.12	1/2	3,370.09	1/2	4,033.94	1/2	4,703.82	1/2	5,370.09
3/4	176.81	3/4	536.43	3/4	997.24	3/4	1,529.08	3/4	2,113.19	3/4	2,735.38	3/4	3,383.79	3/4	4,047.87	3/4	4,717.77	3/4	5,383.87
11	182.82	11	545.07	11	1,007.62	11	1,540.73	11	2,125.79	11	2,748.64	11	3,397.49	11	4,061.80	11	4,731.72	11	5,397.65
1/4	189.10	1/4	553.89	1/4	1,018.13	1/4	1,552.48	1/4	2,138.45	1/4	2,761.95	1/4	3,411.21	1/4	4,075.73	1/4	4,745.67	1/4	5,411.40
1/2	195.38	1/2	562.70	1/2	1,028.64	1/2	1,564.23	1/2	2,151.11	1/2	2,775.26	1/2	3,424.94	1/2	4,089.67	1/2	4,759.61	1/2	5,425.15
3/4	201.66	3/4	571.51	3/4	1,039.15	3/4	1,575.97	3/4	2,163.76	3/4	2,788.56	3/4	3,438.67	3/4	4,103.61	3/4	4,773.56	3/4	5,438.90

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

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 17804"

STBD
HORIZONTAL
INNAGE TABLE
BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "DBL 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	5,452.65	0	6,103.18	0	6,728.62	0	7,317.33	0	7,855.39	0	8,324.72	0	8,697.63	0	8,906.16	0		0	
1/4	5,466.38	1/4	6,116.48	1/4	6,741.28	1/4	7,329.07	1/4	7,865.90	1/4	8,333.53	1/4	8,703.96	1/4		1/4		1/4	
1/2	5,480.11	1/2	6,129.79	1/2	6,753.94	1/2	7,340.82	1/2	7,876.41	1/2	8,342.35	1/2	8,710.29	1/2		1/2		1/2	
3/4	5,493.83	3/4	6,143.10	3/4	6,766.60	3/4	7,352.57	3/4	7,886.92	3/4	8,351.16	3/4	8,716.62	3/4		3/4		3/4	
1	5,507.56	1	6,156.41	1	6,779.26	1	7,364.31	1	7,897.42	1	8,359.98	1	8,722.95	1		1		1	
1/4	5,521.26	1/4	6,169.67	1/4	6,791.85	1/4	7,375.97	1/4	7,907.81	1/4	8,368.62	1/4	8,729.01	1/4		1/4		1/4	
1/2	5,534.96	1/2	6,182.93	1/2	6,804.45	1/2	7,387.63	1/2	7,918.20	1/2	8,377.27	1/2	8,735.07	1/2		1/2		1/2	
3/4	5,548.66	3/4	6,196.19	3/4	6,817.04	3/4	7,399.28	3/4	7,928.58	3/4	8,385.91	3/4	8,741.13	3/4		3/4		3/4	
2	5,562.36	2	6,209.46	2	6,829.63	2	7,410.94	2	7,938.97	2	8,394.56	2	8,747.19	2		2		2	
1/4	5,576.03	1/4	6,222.67	1/4	6,842.16	1/4	7,422.51	1/4	7,949.23	1/4	8,403.03	1/4	8,752.97	1/4		1/4		1/4	
1/2	5,589.71	1/2	6,235.89	1/2	6,854.69	1/2	7,434.07	1/2	7,959.49	1/2	8,411.50	1/2	8,758.75	1/2		1/2		1/2	
3/4	5,603.38	3/4	6,249.10	3/4	6,867.21	3/4	7,445.64	3/4	7,969.76	3/4	8,419.97	3/4	8,764.52	3/4		3/4		3/4	
3	5,617.05	3	6,262.32	3	6,879.74	3	7,457.20	3	7,980.02	3	8,428.44	3	8,770.30	3		3		3	
1/4	5,630.69	1/4	6,275.49	1/4	6,892.20	1/4	7,468.67	1/4	7,990.15	1/4	8,436.73	1/4	8,775.77	1/4		1/4		1/4	
1/2	5,644.33	1/2	6,288.65	1/2	6,904.65	1/2	7,480.14	1/2	8,000.29	1/2	8,445.02	1/2	8,781.25	1/2		1/2		1/2	
3/4	5,657.98	3/4	6,301.82	3/4	6,917.11	3/4	7,491.61	3/4	8,010.42	3/4	8,453.31	3/4	8,786.72	3/4		3/4		3/4	
4	5,671.62	4	6,314.99	4	6,929.57	4	7,503.09	4	8,020.56	4	8,461.60	4	8,792.19	4		4		4	
1/4	5,685.23	1/4	6,328.11	1/4	6,941.95	1/4	7,514.46	1/4	8,030.56	1/4	8,469.71	1/4	8,797.34	1/4		1/4		1/4	
1/2	5,698.84	1/2	6,341.22	1/2	6,954.34	1/2	7,525.83	1/2	8,040.56	1/2	8,477.81	1/2	8,802.49	1/2		1/2		1/2	
3/4	5,712.45	3/4	6,354.34	3/4	6,966.73	3/4	7,537.21	3/4	8,050.57	3/4	8,485.91	3/4	8,807.64	3/4		3/4		3/4	
5	5,726.06	5	6,367.46	5	6,979.11	5	7,548.58	5	8,060.57	5	8,494.02	5	8,812.80	5		5		5	
1/4	5,739.64	1/4	6,380.53	1/4	6,991.43	1/4	7,559.86	1/4	8,070.44	1/4	8,501.93	1/4	8,817.60	1/4		1/4		1/4	
1/2	5,753.22	1/2	6,393.59	1/2	7,003.74	1/2	7,571.13	1/2	8,080.31	1/2	8,509.84	1/2	8,822.40	1/2		1/2		1/2	
3/4	5,766.80	3/4	6,406.66	3/4	7,016.05	3/4	7,582.41	3/4	8,090.17	3/4	8,517.75	3/4	8,827.20	3/4		3/4		3/4	
6	5,780.38	6	6,419.73	6	7,028.37	6	7,593.69	6	8,100.04	6	8,525.66	6	8,832.01	6		6		6	
1/4	5,793.92	1/4	6,432.74	1/4	7,040.61	1/4	7,604.86	1/4	8,109.77	1/4	8,533.38	1/4	8,836.43	1/4		1/4		1/4	
1/2	5,807.46	1/2	6,445.75	1/2	7,052.85	1/2	7,616.03	1/2	8,119.50	1/2	8,541.09	1/2	8,840.86	1/2		1/2		1/2	
3/4	5,821.01	3/4	6,458.77	3/4	7,065.08	3/4	7,627.21	3/4	8,129.24	3/4	8,548.80	3/4	8,845.28	3/4		3/4		3/4	
7	5,834.55	7	6,471.78	7	7,077.32	7	7,638.38	7	8,138.97	7	8,556.51	7	8,849.71	7		7		7	
1/4	5,848.06	1/4	6,484.74	1/4	7,089.49	1/4	7,649.45	1/4	8,148.55	1/4	8,564.02	1/4	8,853.71	1/4		1/4		1/4	
1/2	5,861.57	1/2	6,497.70	1/2	7,101.65	1/2	7,660.52	1/2	8,158.14	1/2	8,571.52	1/2	8,857.72	1/2		1/2		1/2	
3/4	5,875.08	3/4	6,510.66	3/4	7,113.81	3/4	7,671.59	3/4	8,167.73	3/4	8,579.03	3/4	8,861.73	3/4		3/4		3/4	
8	5,888.59	8	6,523.61	8	7,125.97	8	7,682.66	8	8,177.32	8	8,586.53	8	8,865.74	8		8		8	
1/4	5,902.06	1/4	6,536.52	1/4	7,138.05	1/4	7,693.62	1/4	8,186.76	1/4	8,593.82	1/4	8,869.28	1/4		1/4		1/4	
1/2	5,915.53	1/2	6,549.42	1/2	7,150.14	1/2	7,704.58	1/2	8,196.20	1/2	8,601.11	1/2	8,872.81	1/2		1/2		1/2	
3/4	5,929.00	3/4	6,562.32	3/4	7,162.22	3/4	7,715.55	3/4	8,205.65	3/4	8,608.40	3/4	8,876.35	3/4		3/4		3/4	
9	5,942.47	9	6,575.22	9	7,174.30	9	7,726.51	9	8,215.09	9	8,615.69	9	8,879.89	9		9		9	
1/4	5,955.91	1/4	6,588.07	1/4	7,186.31	1/4	7,737.36	1/4	8,224.38	1/4	8,622.75	1/4	8,882.88	1/4		1/4		1/4	
1/2	5,969.34	1/2	6,600.91	1/2	7,198.31	1/2	7,748.22	1/2	8,233.67	1/2	8,629.82	1/2	8,885.87	1/2		1/2		1/2	
3/4	5,982.77	3/4	6,613.76	3/4	7,210.31	3/4	7,759.07	3/4	8,242.96	3/4	8,636.89	3/4	8,888.87	3/4		3/4		3/4	
10	5,996.20	10	6,626.60	10	7,222.31	10	7,769.92	10	8,252.26	10	8,643.95	10	8,891.86	10		10		10	
1/4	6,009.60	1/4	6,639.38	1/4	7,234.23	1/4	7,780.67	1/4	8,261.39	1/4	8,650.78	1/4	8,894.17	1/4		1/4		1/4	
1/2	6,022.99	1/2	6,652.17	1/2	7,246.15	1/2	7,791.41	1/2	8,270.53	1/2	8,657.61	1/2	8,896.48	1/2		1/2		1/2	
3/4	6,036.38	3/4	6,664.95	3/4	7,258.07	3/4	7,802.15	3/4	8,279.67	3/4	8,664.45	3/4	8,898.79	3/4		3/4		3/4	
11	6,049.77	11	6,677.74	11	7,269.99	11	7,812.89	11	8,288.81	11	8,671.28	11	8,901.11	11		11		11	
1/4	6,063.12	1/4	6,690.46	1/4	7,281.82	1/4	7,823.51	1/4	8,297.78	1/4	8,677.86	1/4	8,902.37	1/4		1/4		1/4	
1/2	6,076.47	1/2	6,703.18	1/2	7,293.66	1/2	7,834.14	1/2	8,306.76	1/2	8,684.45	1/2	8,903.63	1/2		1/2		1/2	
3/4	6,089.83	3/4	6,715.90	3/4	7,305.49	3/4	7,844.77	3/4	8,315.74	3/4	8,691.04	3/4	8,904.90	3/4		3/4		3/4	

STRAPPED: 06/01/2012 CL - SW
CALCULATED: 06/01/2012 CL
NAME CHANGE: 05/24/2022 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.
PRECISION MEASUREMENT
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