



BARGE "KIRBY 16815"

PORT HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0.37	0	202.07	0	562.70	0	1,014.28	0	1,534.06	0	2,102.29	0	2,705.37	0	3,331.86	0	3,971.45	0	4,614.43
1/4	1.59	1/4	208.44	1/4	571.31	1/4	1,024.55	1/4	1,545.48	1/4	2,114.56	1/4	2,718.24	1/4	3,345.09	1/4	3,984.85	1/4	4,627.79
1/2	2.81	1/2	214.81	1/2	579.93	1/2	1,034.82	1/2	1,556.91	1/2	2,126.83	1/2	2,731.10	1/2	3,358.33	1/2	3,998.24	1/2	4,641.15
3/4	4.03	3/4	221.18	3/4	588.55	3/4	1,045.09	3/4	1,568.34	3/4	2,139.11	3/4	2,743.97	3/4	3,371.56	3/4	4,011.64	3/4	4,654.51
1	5.26	1	227.55	1	597.16	1	1,055.35	1	1,579.77	1	2,151.38	1	2,756.83	1	3,384.80	1	4,025.04	1	4,667.87
1/4	7.49	1/4	234.16	1/4	605.93	1/4	1,065.73	1/4	1,591.27	1/4	2,163.71	1/4	2,769.74	1/4	3,398.05	1/4	4,038.44	1/4	4,681.21
1/2	9.73	1/2	240.77	1/2	614.70	1/2	1,076.11	1/2	1,602.78	1/2	2,176.04	1/2	2,782.64	1/2	3,411.31	1/2	4,051.84	1/2	4,694.56
3/4	11.96	3/4	247.38	3/4	623.47	3/4	1,086.49	3/4	1,614.29	3/4	2,188.38	3/4	2,795.55	3/4	3,424.56	3/4	4,065.24	3/4	4,707.91
2	14.20	2	253.98	2	632.24	2	1,096.87	2	1,625.80	2	2,200.71	2	2,808.45	2	3,437.82	2	4,078.64	2	4,721.25
1/4	17.09	1/4	260.82	1/4	641.16	1/4	1,107.36	1/4	1,637.39	1/4	2,213.10	1/4	2,821.39	1/4	3,451.09	1/4	4,092.04	1/4	4,734.59
1/2	19.98	1/2	267.65	1/2	650.08	1/2	1,117.84	1/2	1,648.98	1/2	2,225.49	1/2	2,834.33	1/2	3,464.37	1/2	4,105.45	1/2	4,747.92
3/4	22.88	3/4	274.49	3/4	659.00	3/4	1,128.33	3/4	1,660.56	3/4	2,237.87	3/4	2,847.28	3/4	3,477.64	3/4	4,118.85	3/4	4,761.25
3	25.77	3	281.32	3	667.91	3	1,138.82	3	1,672.15	3	2,250.26	3	2,860.22	3	3,490.92	3	4,132.25	3	4,774.59
1/4	29.19	1/4	288.37	1/4	676.98	1/4	1,149.41	1/4	1,683.82	1/4	2,262.71	1/4	2,873.20	1/4	3,504.21	1/4	4,145.66	1/4	4,787.90
1/2	32.62	1/2	295.42	1/2	686.04	1/2	1,160.00	1/2	1,695.48	1/2	2,275.15	1/2	2,886.17	1/2	3,517.50	1/2	4,159.06	1/2	4,801.22
3/4	36.04	3/4	302.47	3/4	695.10	3/4	1,170.59	3/4	1,707.15	3/4	2,287.60	3/4	2,899.15	3/4	3,530.80	3/4	4,172.47	3/4	4,814.54
4	39.46	4	309.52	4	704.17	4	1,181.18	4	1,718.81	4	2,300.04	4	2,912.13	4	3,544.09	4	4,185.87	4	4,827.86
1/4	43.34	1/4	316.78	1/4	713.37	1/4	1,191.88	1/4	1,730.55	1/4	2,312.54	1/4	2,925.14	1/4	3,557.40	1/4	4,199.28	1/4	4,841.16
1/2	47.21	1/2	324.04	1/2	722.58	1/2	1,202.57	1/2	1,742.29	1/2	2,325.03	1/2	2,938.15	1/2	3,570.71	1/2	4,212.69	1/2	4,854.46
3/4	51.09	3/4	331.29	3/4	731.78	3/4	1,213.27	3/4	1,754.03	3/4	2,337.53	3/4	2,951.16	3/4	3,584.02	3/4	4,226.09	3/4	4,867.77
5	54.97	5	338.55	5	740.98	5	1,223.96	5	1,765.77	5	2,350.03	5	2,964.18	5	3,597.33	5	4,239.50	5	4,881.07
1/4	59.25	1/4	346.01	1/4	750.33	1/4	1,234.75	1/4	1,777.59	1/4	2,362.58	1/4	2,977.22	1/4	3,610.66	1/4	4,252.90	1/4	4,894.35
1/2	63.53	1/2	353.47	1/2	759.67	1/2	1,245.55	1/2	1,789.40	1/2	2,375.13	1/2	2,990.26	1/2	3,623.98	1/2	4,266.31	1/2	4,907.64
3/4	67.81	3/4	360.93	3/4	769.01	3/4	1,256.34	3/4	1,801.22	3/4	2,387.67	3/4	3,003.31	3/4	3,637.31	3/4	4,279.71	3/4	4,920.92
6	72.09	6	368.39	6	778.35	6	1,267.14	6	1,813.03	6	2,400.22	6	3,016.35	6	3,650.63	6	4,293.12	6	4,934.20
1/4	76.73	1/4	376.04	1/4	787.82	1/4	1,278.03	1/4	1,824.91	1/4	2,412.82	1/4	3,029.43	1/4	3,663.97	1/4	4,306.52	1/4	4,947.47
1/2	81.38	1/2	383.69	1/2	797.30	1/2	1,288.92	1/2	1,836.80	1/2	2,425.42	1/2	3,042.51	1/2	3,677.31	1/2	4,319.92	1/2	4,960.74
3/4	86.02	3/4	391.34	3/4	806.77	3/4	1,299.81	3/4	1,848.68	3/4	2,438.02	3/4	3,055.58	3/4	3,690.65	3/4	4,333.32	3/4	4,974.00
7	90.67	7	398.99	7	816.25	7	1,310.71	7	1,860.57	7	2,450.62	7	3,068.66	7	3,703.99	7	4,346.73	7	4,987.27
1/4	95.65	1/4	406.83	1/4	825.85	1/4	1,321.69	1/4	1,872.52	1/4	2,463.27	1/4	3,081.77	1/4	3,717.35	1/4	4,360.12	1/4	5,000.51
1/2	100.63	1/2	414.66	1/2	835.45	1/2	1,332.68	1/2	1,884.48	1/2	2,475.91	1/2	3,094.87	1/2	3,730.70	1/2	4,373.52	1/2	5,013.75
3/4	105.62	3/4	422.50	3/4	845.06	3/4	1,343.67	3/4	1,896.43	3/4	2,488.56	3/4	3,107.98	3/4	3,744.05	3/4	4,386.92	3/4	5,027.00
8	110.60	8	430.34	8	854.66	8	1,354.65	8	1,908.39	8	2,501.21	8	3,121.08	8	3,757.41	8	4,400.32	8	5,040.24
1/4	115.89	1/4	438.36	1/4	864.46	1/4	1,365.73	1/4	1,920.41	1/4	2,513.90	1/4	3,134.22	1/4	3,770.77	1/4	4,413.71	1/4	5,053.47
1/2	121.19	1/2	446.37	1/2	874.25	1/2	1,376.81	1/2	1,932.43	1/2	2,526.60	1/2	3,147.35	1/2	3,784.13	1/2	4,427.11	1/2	5,066.69
3/4	126.48	3/4	454.39	3/4	884.05	3/4	1,387.89	3/4	1,944.45	3/4	2,539.29	3/4	3,160.49	3/4	3,797.50	3/4	4,440.50	3/4	5,079.91
9	131.78	9	462.41	9	893.84	9	1,398.97	9	1,956.48	9	2,551.99	9	3,173.62	9	3,810.86	9	4,453.89	9	5,093.13
1/4	137.36	1/4	470.60	1/4	903.76	1/4	1,410.14	1/4	1,968.56	1/4	2,564.72	1/4	3,186.78	1/4	3,824.24	1/4	4,467.28	1/4	5,106.33
1/2	142.95	1/2	478.79	1/2	913.68	1/2	1,421.31	1/2	1,980.65	1/2	2,577.46	1/2	3,199.94	1/2	3,837.61	1/2	4,480.67	1/2	5,119.53
3/4	148.54	3/4	486.98	3/4	923.60	3/4	1,432.48	3/4	1,992.74	3/4	2,590.20	3/4	3,213.11	3/4	3,850.99	3/4	4,494.05	3/4	5,132.73
10	154.12	10	495.17	10	933.51	10	1,443.65	10	2,004.83	10	2,602.94	10	3,226.27	10	3,864.36	10	4,507.44	10	5,145.93
1/4	159.99	1/4	503.53	1/4	943.55	1/4	1,454.91	1/4	2,016.98	1/4	2,615.72	1/4	3,239.45	1/4	3,877.74	1/4	4,520.82	1/4	5,159.11
1/2	165.85	1/2	511.89	1/2	953.59	1/2	1,466.17	1/2	2,029.13	1/2	2,628.51	1/2	3,252.64	1/2	3,891.13	1/2	4,534.20	1/2	5,172.28
3/4	171.71	3/4	520.25	3/4	963.63	3/4	1,477.42	3/4	2,041.28	3/4	2,641.29	3/4	3,265.83	3/4	3,904.51	3/4	4,547.58	3/4	5,185.45
11	177.58	11	528.61	11	973.67	11	1,488.68	11	2,053.43	11	2,654.07	11	3,279.02	11	3,917.89	11	4,560.95	11	5,198.63
1/4	183.70	1/4	537.13	1/4	983.82	1/4	1,500.03	1/4	2,065.64	1/4	2,666.90	1/4	3,292.23	1/4	3,931.28	1/4	4,574.32	1/4	5,211.78
1/2	189.82	1/2	545.65	1/2	993.97	1/2	1,511.37	1/2	2,077.86	1/2	2,679.72	1/2	3,305.44	1/2	3,944.67	1/2	4,587.69	1/2	5,224.93
3/4	195.95	3/4	554.18	3/4	1,004.13	3/4	1,522.71	3/4	2,090.07	3/4	2,692.55	3/4	3,318.65	3/4	3,958.06	3/4	4,601.06	3/4	5,238.07

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
<http://www.pmacorp.net>



BARGE "KIRBY 16815"

PORT HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	5,251.22	0	5,871.99	0	6,466.16	0	7,021.79	0	7,524.38	0	7,954.38	0	8,279.10	0		0		0	
1/4	5,264.34	1/4	5,884.66	1/4	6,478.15	1/4	7,032.83	1/4	7,534.11	1/4	7,962.30	1/4	8,284.24	1/4		1/4		1/4	
1/2	5,277.46	1/2	5,897.33	1/2	6,490.14	1/2	7,043.86	1/2	7,543.85	1/2	7,970.23	1/2	8,289.37	1/2		1/2		1/2	
3/4	5,290.58	3/4	5,910.00	3/4	6,502.13	3/4	7,054.90	3/4	7,553.58	3/4	7,978.16	3/4	8,294.51	3/4		3/4		3/4	
1	5,303.70	1	5,922.67	1	6,514.12	1	7,065.93	1	7,563.31	1	7,986.09	1	8,299.65	1		1		1	
1/4	5,316.80	1/4	5,935.29	1/4	6,526.04	1/4	7,076.87	1/4	7,572.92	1/4	7,993.83	1/4	8,304.46	1/4		1/4		1/4	
1/2	5,329.89	1/2	5,947.92	1/2	6,537.96	1/2	7,087.81	1/2	7,582.52	1/2	8,001.58	1/2	8,309.28	1/2		1/2		1/2	
3/4	5,342.98	3/4	5,960.54	3/4	6,549.88	3/4	7,098.75	3/4	7,592.13	3/4	8,009.32	3/4	8,314.10	3/4		3/4		3/4	
2	5,356.07	2	5,973.16	2	6,561.80	2	7,109.69	2	7,601.73	2	8,017.07	2	8,318.92	2		2		2	
1/4	5,369.13	1/4	5,985.74	1/4	6,573.65	1/4	7,120.53	1/4	7,611.20	1/4	8,024.62	1/4	8,323.38	1/4		1/4		1/4	
1/2	5,382.19	1/2	5,998.31	1/2	6,585.50	1/2	7,131.38	1/2	7,620.68	1/2	8,032.18	1/2	8,327.85	1/2		1/2		1/2	
3/4	5,395.25	3/4	6,010.89	3/4	6,597.35	3/4	7,142.22	3/4	7,630.15	3/4	8,039.74	3/4	8,332.32	3/4		3/4		3/4	
3	5,408.31	3	6,023.46	3	6,609.19	3	7,153.06	3	7,639.62	3	8,047.29	3	8,336.79	3		3		3	
1/4	5,421.34	1/4	6,035.98	1/4	6,620.97	1/4	7,163.81	1/4	7,648.96	1/4	8,054.65	1/4	8,340.87	1/4		1/4		1/4	
1/2	5,434.37	1/2	6,048.51	1/2	6,632.75	1/2	7,174.55	1/2	7,658.30	1/2	8,062.01	1/2	8,344.95	1/2		1/2		1/2	
3/4	5,447.40	3/4	6,061.03	3/4	6,644.53	3/4	7,185.30	3/4	7,667.64	3/4	8,069.37	3/4	8,349.04	3/4		3/4		3/4	
4	5,460.43	4	6,073.55	4	6,656.30	4	7,196.04	4	7,676.98	4	8,076.73	4	8,353.12	4		4		4	
1/4	5,473.42	1/4	6,086.02	1/4	6,668.01	1/4	7,206.69	1/4	7,686.18	1/4	8,083.89	1/4	8,356.78	1/4		1/4		1/4	
1/2	5,486.42	1/2	6,098.50	1/2	6,679.71	1/2	7,217.33	1/2	7,695.38	1/2	8,091.04	1/2	8,360.44	1/2		1/2		1/2	
3/4	5,499.41	3/4	6,110.97	3/4	6,691.41	3/4	7,227.97	3/4	7,704.58	3/4	8,098.20	3/4	8,364.09	3/4		3/4		3/4	
5	5,512.41	5	6,123.44	5	6,703.12	5	7,238.62	5	7,713.77	5	8,105.35	5	8,367.75	5		5		5	
1/4	5,525.37	1/4	6,135.85	1/4	6,714.74	1/4	7,249.16	1/4	7,722.83	1/4	8,112.30	1/4	8,370.92	1/4		1/4		1/4	
1/2	5,538.33	1/2	6,148.27	1/2	6,726.37	1/2	7,259.70	1/2	7,731.89	1/2	8,119.24	1/2	8,374.09	1/2		1/2		1/2	
3/4	5,551.28	3/4	6,160.69	3/4	6,738.00	3/4	7,270.24	3/4	7,740.94	3/4	8,126.18	3/4	8,377.26	3/4		3/4		3/4	
6	5,564.24	6	6,173.10	6	6,749.62	6	7,280.78	6	7,750.00	6	8,133.12	6	8,380.43	6		6		6	
1/4	5,577.17	1/4	6,185.46	1/4	6,761.17	1/4	7,291.21	1/4	7,758.91	1/4	8,139.85	1/4	8,383.01	1/4		1/4		1/4	
1/2	5,590.09	1/2	6,197.82	1/2	6,772.72	1/2	7,301.64	1/2	7,767.82	1/2	8,146.57	1/2	8,385.60	1/2		1/2		1/2	
3/4	5,603.01	3/4	6,210.18	3/4	6,784.27	3/4	7,312.08	3/4	7,776.73	3/4	8,153.29	3/4	8,388.19	3/4		3/4		3/4	
7	5,615.94	7	6,222.55	7	6,795.82	7	7,322.51	7	7,785.64	7	8,160.01	7	8,390.77	7		7		7	
1/4	5,628.82	1/4	6,234.85	1/4	6,807.29	1/4	7,332.83	1/4	7,794.40	1/4	8,166.50	1/4	8,392.59	1/4		1/4		1/4	
1/2	5,641.71	1/2	6,247.15	1/2	6,818.75	1/2	7,343.16	1/2	7,803.16	1/2	8,172.99	1/2	8,394.40	1/2		1/2		1/2	
3/4	5,654.59	3/4	6,259.46	3/4	6,830.22	3/4	7,353.48	3/4	7,811.92	3/4	8,179.47	3/4	8,396.22	3/4		3/4		3/4	
8	5,667.48	8	6,271.76	8	6,841.69	8	7,363.80	8	7,820.67	8	8,185.96	8	8,398.03	8		8		8	
1/4	5,680.32	1/4	6,284.00	1/4	6,853.08	1/4	7,374.02	1/4	7,829.28	1/4	8,192.18	1/4	8,398.90	1/4		1/4		1/4	
1/2	5,693.17	1/2	6,296.25	1/2	6,864.46	1/2	7,384.23	1/2	7,837.88	1/2	8,198.39	1/2	8,399.76	1/2		1/2		1/2	
3/4	5,706.01	3/4	6,308.49	3/4	6,875.85	3/4	7,394.44	3/4	7,846.48	3/4	8,204.61	3/4		3/4		3/4		3/4	
9	5,718.86	9	6,320.73	9	6,887.23	9	7,404.65	9	7,855.08	9	8,210.83	9		9		9		9	
1/4	5,731.66	1/4	6,332.92	1/4	6,898.53	1/4	7,414.75	1/4	7,863.53	1/4	8,216.79	1/4		1/4		1/4		1/4	
1/2	5,744.47	1/2	6,345.10	1/2	6,909.84	1/2	7,424.84	1/2	7,871.97	1/2	8,222.75	1/2		1/2		1/2		1/2	
3/4	5,757.27	3/4	6,357.28	3/4	6,921.14	3/4	7,434.94	3/4	7,880.41	3/4	8,228.71	3/4		3/4		3/4		3/4	
10	5,770.07	10	6,369.46	10	6,932.44	10	7,445.04	10	7,888.85	10	8,234.68	10		10		10		10	
1/4	5,782.84	1/4	6,381.58	1/4	6,943.65	1/4	7,455.02	1/4	7,897.13	1/4	8,240.37	1/4		1/4		1/4		1/4	
1/2	5,795.60	1/2	6,393.70	1/2	6,954.87	1/2	7,464.99	1/2	7,905.40	1/2	8,246.07	1/2		1/2		1/2		1/2	
3/4	5,808.36	3/4	6,405.82	3/4	6,966.08	3/4	7,474.97	3/4	7,913.68	3/4	8,251.76	3/4		3/4		3/4		3/4	
11	5,821.12	11	6,417.94	11	6,977.29	11	7,484.95	11	7,921.96	11	8,257.46	11		11		11		11	
1/4	5,833.84	1/4	6,430.00	1/4	6,988.42	1/4	7,494.81	1/4	7,930.06	1/4	8,262.87	1/4		1/4		1/4		1/4	
1/2	5,846.55	1/2	6,442.05	1/2	6,999.54	1/2	7,504.67	1/2	7,938.17	1/2	8,268.28	1/2		1/2		1/2		1/2	
3/4	5,859.27	3/4	6,454.11	3/4	7,010.67	3/4	7,514.52	3/4	7,946.27	3/4	8,273.69	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/02/2011 CL - SW
CALCULATED: 12/02/2011 CL
PRINTED: 12/02/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2011

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



BARGE "KIRBY 16815"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0.37	0	202.10	0	562.74	0	1,014.29	0	1,533.99	0	2,102.11	0	2,705.07	0	3,331.40	0	3,970.83	0	4,613.65
1/4	1.59	1/4	208.47	1/4	571.35	1/4	1,024.55	1/4	1,545.41	1/4	2,114.38	1/4	2,717.93	1/4	3,344.63	1/4	3,984.23	1/4	4,627.00
1/2	2.81	1/2	214.84	1/2	579.97	1/2	1,034.82	1/2	1,556.84	1/2	2,126.65	1/2	2,730.79	1/2	3,357.86	1/2	3,997.62	1/2	4,640.36
3/4	4.03	3/4	221.22	3/4	588.58	3/4	1,045.09	3/4	1,568.26	3/4	2,138.93	3/4	2,743.65	3/4	3,371.10	3/4	4,011.01	3/4	4,653.71
1	5.26	1	227.59	1	597.20	1	1,055.35	1	1,579.69	1	2,151.20	1	2,756.52	1	3,384.33	1	4,024.40	1	4,667.07
1/4	7.49	1/4	234.20	1/4	605.97	1/4	1,065.73	1/4	1,591.20	1/4	2,163.53	1/4	2,769.42	1/4	3,397.58	1/4	4,037.80	1/4	4,680.41
1/2	9.73	1/2	240.80	1/2	614.74	1/2	1,076.11	1/2	1,602.70	1/2	2,175.86	1/2	2,782.32	1/2	3,410.83	1/2	4,051.20	1/2	4,693.76
3/4	11.97	3/4	247.41	3/4	623.51	3/4	1,086.49	3/4	1,614.21	3/4	2,188.19	3/4	2,795.22	3/4	3,424.08	3/4	4,064.59	3/4	4,707.10
2	14.20	2	254.02	2	632.28	2	1,096.86	2	1,625.72	2	2,200.51	2	2,808.12	2	3,437.33	2	4,077.99	2	4,720.44
1/4	17.10	1/4	260.85	1/4	641.19	1/4	1,107.35	1/4	1,637.30	1/4	2,212.90	1/4	2,821.06	1/4	3,450.60	1/4	4,091.39	1/4	4,733.77
1/2	19.99	1/2	267.69	1/2	650.11	1/2	1,117.83	1/2	1,648.89	1/2	2,225.29	1/2	2,834.00	1/2	3,463.88	1/2	4,104.79	1/2	4,747.10
3/4	22.88	3/4	274.52	3/4	659.03	3/4	1,128.32	3/4	1,660.47	3/4	2,237.67	3/4	2,846.94	3/4	3,477.15	3/4	4,118.19	3/4	4,760.43
3	25.78	3	281.36	3	667.95	3	1,138.81	3	1,672.06	3	2,250.06	3	2,859.88	3	3,490.42	3	4,131.59	3	4,773.76
1/4	29.20	1/4	288.41	1/4	677.01	1/4	1,149.40	1/4	1,683.72	1/4	2,262.50	1/4	2,872.85	1/4	3,503.71	1/4	4,144.99	1/4	4,787.08
1/2	32.62	1/2	295.46	1/2	686.07	1/2	1,159.99	1/2	1,695.39	1/2	2,274.94	1/2	2,885.82	1/2	3,517.00	1/2	4,158.40	1/2	4,800.39
3/4	36.05	3/4	302.51	3/4	695.14	3/4	1,170.58	3/4	1,707.05	3/4	2,287.38	3/4	2,898.80	3/4	3,530.29	3/4	4,171.80	3/4	4,813.71
4	39.47	4	309.56	4	704.20	4	1,181.17	4	1,718.71	4	2,299.82	4	2,911.77	4	3,543.58	4	4,185.20	4	4,827.02
1/4	43.35	1/4	316.82	1/4	713.40	1/4	1,191.86	1/4	1,730.45	1/4	2,312.32	1/4	2,924.78	1/4	3,556.89	1/4	4,198.60	1/4	4,840.32
1/2	47.22	1/2	324.07	1/2	722.61	1/2	1,202.55	1/2	1,742.19	1/2	2,324.81	1/2	2,937.79	1/2	3,570.19	1/2	4,212.00	1/2	4,853.62
3/4	51.10	3/4	331.33	3/4	731.81	3/4	1,213.25	3/4	1,753.93	3/4	2,337.31	3/4	2,950.80	3/4	3,583.50	3/4	4,225.41	3/4	4,866.92
5	54.98	5	338.59	5	741.01	5	1,223.94	5	1,765.67	5	2,349.80	5	2,963.81	5	3,596.81	5	4,238.81	5	4,880.22
1/4	59.26	1/4	346.05	1/4	750.35	1/4	1,234.73	1/4	1,777.48	1/4	2,362.35	1/4	2,976.85	1/4	3,610.13	1/4	4,252.21	1/4	4,893.50
1/2	63.54	1/2	353.51	1/2	759.69	1/2	1,245.52	1/2	1,789.29	1/2	2,374.90	1/2	2,989.89	1/2	3,623.45	1/2	4,265.61	1/2	4,906.78
3/4	67.82	3/4	360.97	3/4	769.03	3/4	1,256.32	3/4	1,801.10	3/4	2,387.44	3/4	3,002.93	3/4	3,636.77	3/4	4,279.01	3/4	4,920.06
6	72.10	6	368.43	6	778.38	6	1,267.11	6	1,812.91	6	2,399.99	6	3,015.98	6	3,650.10	6	4,292.41	6	4,933.34
1/4	76.75	1/4	376.08	1/4	787.85	1/4	1,278.00	1/4	1,824.80	1/4	2,412.58	1/4	3,029.05	1/4	3,663.43	1/4	4,305.81	1/4	4,946.60
1/2	81.40	1/2	383.73	1/2	797.32	1/2	1,288.89	1/2	1,836.68	1/2	2,425.18	1/2	3,042.12	1/2	3,676.77	1/2	4,319.21	1/2	4,959.86
3/4	86.04	3/4	391.38	3/4	806.80	3/4	1,299.78	3/4	1,848.56	3/4	2,437.78	3/4	3,055.19	3/4	3,690.11	3/4	4,332.61	3/4	4,973.12
7	90.69	7	399.03	7	816.27	7	1,310.67	7	1,860.44	7	2,450.37	7	3,068.27	7	3,703.44	7	4,346.01	7	4,986.39
1/4	95.67	1/4	406.87	1/4	825.87	1/4	1,321.66	1/4	1,872.40	1/4	2,463.02	1/4	3,081.37	1/4	3,716.79	1/4	4,359.40	1/4	4,999.63
1/2	100.65	1/2	414.70	1/2	835.48	1/2	1,332.64	1/2	1,884.35	1/2	2,475.66	1/2	3,094.47	1/2	3,730.14	1/2	4,372.80	1/2	5,012.87
3/4	105.64	3/4	422.54	3/4	845.08	3/4	1,343.63	3/4	1,896.30	3/4	2,488.31	3/4	3,107.58	3/4	3,743.49	3/4	4,386.19	3/4	5,026.11
8	110.62	8	430.38	8	854.68	8	1,354.61	8	1,908.25	8	2,500.95	8	3,120.68	8	3,756.84	8	4,399.59	8	5,039.35
1/4	115.92	1/4	438.40	1/4	864.48	1/4	1,365.69	1/4	1,920.27	1/4	2,513.64	1/4	3,133.81	1/4	3,770.20	1/4	4,412.98	1/4	5,052.57
1/2	121.21	1/2	446.41	1/2	874.27	1/2	1,376.77	1/2	1,932.29	1/2	2,526.33	1/2	3,146.94	1/2	3,783.56	1/2	4,426.37	1/2	5,065.79
3/4	126.51	3/4	454.43	3/4	884.06	3/4	1,387.85	3/4	1,944.31	3/4	2,539.02	3/4	3,160.07	3/4	3,796.92	3/4	4,439.76	3/4	5,079.01
9	131.80	9	462.45	9	893.86	9	1,398.93	9	1,956.33	9	2,551.71	9	3,173.20	9	3,810.28	9	4,453.15	9	5,092.23
1/4	137.39	1/4	470.64	1/4	903.78	1/4	1,410.09	1/4	1,968.42	1/4	2,564.45	1/4	3,186.36	1/4	3,823.66	1/4	4,466.53	1/4	5,105.42
1/2	142.98	1/2	478.83	1/2	913.69	1/2	1,421.26	1/2	1,980.50	1/2	2,577.19	1/2	3,199.52	1/2	3,837.03	1/2	4,479.91	1/2	5,118.62
3/4	148.56	3/4	487.02	3/4	923.61	3/4	1,432.43	3/4	1,992.59	3/4	2,589.92	3/4	3,212.68	3/4	3,850.40	3/4	4,493.30	3/4	5,131.82
10	154.15	10	495.21	10	933.53	10	1,443.60	10	2,004.67	10	2,602.66	10	3,225.84	10	3,863.77	10	4,506.68	10	5,145.01
1/4	160.02	1/4	503.57	1/4	943.56	1/4	1,454.85	1/4	2,016.82	1/4	2,615.44	1/4	3,239.02	1/4	3,877.15	1/4	4,520.06	1/4	5,158.18
1/2	165.88	1/2	511.93	1/2	953.60	1/2	1,466.11	1/2	2,028.97	1/2	2,628.22	1/2	3,252.20	1/2	3,890.53	1/2	4,533.43	1/2	5,171.36
3/4	171.74	3/4	520.29	3/4	963.64	3/4	1,477.37	3/4	2,041.12	3/4	2,641.00	3/4	3,265.39	3/4	3,903.91	3/4	4,546.81	3/4	5,184.53
11	177.60	11	528.65	11	973.67	11	1,488.62	11	2,053.27	11	2,653.78	11	3,278.57	11	3,917.29	11	4,560.18	11	5,197.70
1/4	183.73	1/4	537.17	1/4	983.83	1/4	1,499.96	1/4	2,065.48	1/4	2,666.60	1/4	3,291.78	1/4	3,930.67	1/4	4,573.55	1/4	5,210.84
1/2	189.85	1/2	545.69	1/2	993.98	1/2	1,511.31	1/2	2,077.69	1/2	2,679.42	1/2	3,304.99	1/2	3,944.06	1/2	4,586.92	1/2	5,223.99
3/4	195.98	3/4	554.21	3/4	1,004.13	3/4	1,522.65	3/4	2,089.90	3/4	2,692.25	3/4	3,318.20	3/4	3,957.45	3/4	4,600.28	3/4	5,237.13

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
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BARGE "KIRBY 16815"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	5,250.28	0	5,870.90	0	6,464.95	0	7,020.48	0	7,523.01	0	7,952.98	0	8,277.72	0		0		0	
1/4	5,263.39	1/4	5,883.56	1/4	6,476.93	1/4	7,031.51	1/4	7,532.74	1/4	7,960.91	1/4	8,282.86	1/4		1/4		1/4	
1/2	5,276.51	1/2	5,896.23	1/2	6,488.92	1/2	7,042.55	1/2	7,542.47	1/2	7,968.84	1/2	8,287.99	1/2		1/2		1/2	
3/4	5,289.63	3/4	5,908.90	3/4	6,500.90	3/4	7,053.58	3/4	7,552.20	3/4	7,976.76	3/4	8,293.13	3/4		3/4		3/4	
1	5,302.75	1	5,921.57	1	6,512.89	1	7,064.61	1	7,561.93	1	7,984.69	1	8,298.27	1		1		1	
1/4	5,315.83	1/4	5,934.19	1/4	6,524.81	1/4	7,075.55	1/4	7,571.54	1/4	7,992.44	1/4	8,303.09	1/4		1/4		1/4	
1/2	5,328.92	1/2	5,946.81	1/2	6,536.73	1/2	7,086.49	1/2	7,581.14	1/2	8,000.18	1/2	8,307.91	1/2		1/2		1/2	
3/4	5,342.01	3/4	5,959.43	3/4	6,548.64	3/4	7,097.42	3/4	7,590.75	3/4	8,007.93	3/4	8,312.72	3/4		3/4		3/4	
2	5,355.10	2	5,972.05	2	6,560.56	2	7,108.36	2	7,600.35	2	8,015.67	2	8,317.54	2		2		2	
1/4	5,368.16	1/4	5,984.62	1/4	6,572.41	1/4	7,119.20	1/4	7,609.82	1/4	8,023.23	1/4	8,322.01	1/4		1/4		1/4	
1/2	5,381.21	1/2	5,997.19	1/2	6,584.26	1/2	7,130.05	1/2	7,619.29	1/2	8,030.79	1/2	8,326.48	1/2		1/2		1/2	
3/4	5,394.27	3/4	6,009.76	3/4	6,596.10	3/4	7,140.89	3/4	7,628.77	3/4	8,038.34	3/4	8,330.95	3/4		3/4		3/4	
3	5,407.33	3	6,022.34	3	6,607.95	3	7,151.73	3	7,638.24	3	8,045.90	3	8,335.42	3		3		3	
1/4	5,420.35	1/4	6,034.86	1/4	6,619.73	1/4	7,162.47	1/4	7,647.58	1/4	8,053.26	1/4	8,339.50	1/4		1/4		1/4	
1/2	5,433.38	1/2	6,047.38	1/2	6,631.50	1/2	7,173.22	1/2	7,656.92	1/2	8,060.62	1/2	8,343.58	1/2		1/2		1/2	
3/4	5,446.40	3/4	6,059.90	3/4	6,643.28	3/4	7,183.96	3/4	7,666.25	3/4	8,067.98	3/4	8,347.67	3/4		3/4		3/4	
4	5,459.43	4	6,072.42	4	6,655.05	4	7,194.70	4	7,675.59	4	8,075.34	4	8,351.75	4		4		4	
1/4	5,472.42	1/4	6,084.89	1/4	6,666.75	1/4	7,205.35	1/4	7,684.79	1/4	8,082.49	1/4	8,355.41	1/4		1/4		1/4	
1/2	5,485.41	1/2	6,097.35	1/2	6,678.45	1/2	7,215.99	1/2	7,693.99	1/2	8,089.65	1/2	8,359.07	1/2		1/2		1/2	
3/4	5,498.41	3/4	6,109.82	3/4	6,690.15	3/4	7,226.63	3/4	7,703.19	3/4	8,096.80	3/4	8,362.73	3/4		3/4		3/4	
5	5,511.40	5	6,122.29	5	6,701.86	5	7,237.27	5	7,712.39	5	8,103.96	5	8,366.39	5		5		5	
1/4	5,524.35	1/4	6,134.70	1/4	6,713.48	1/4	7,247.81	1/4	7,721.44	1/4	8,110.90	1/4	8,369.56	1/4		1/4		1/4	
1/2	5,537.31	1/2	6,147.12	1/2	6,725.11	1/2	7,258.35	1/2	7,730.50	1/2	8,117.85	1/2	8,372.73	1/2		1/2		1/2	
3/4	5,550.27	3/4	6,159.53	3/4	6,736.73	3/4	7,268.89	3/4	7,739.55	3/4	8,124.79	3/4	8,375.90	3/4		3/4		3/4	
6	5,563.22	6	6,171.95	6	6,748.36	6	7,279.43	6	7,748.61	6	8,131.73	6	8,379.07	6		6		6	
1/4	5,576.14	1/4	6,184.30	1/4	6,759.90	1/4	7,289.86	1/4	7,757.52	1/4	8,138.45	1/4	8,381.65	1/4		1/4		1/4	
1/2	5,589.06	1/2	6,196.66	1/2	6,771.45	1/2	7,300.29	1/2	7,766.43	1/2	8,145.18	1/2	8,384.24	1/2		1/2		1/2	
3/4	5,601.98	3/4	6,209.02	3/4	6,782.99	3/4	7,310.72	3/4	7,775.34	3/4	8,151.90	3/4	8,386.83	3/4		3/4		3/4	
7	5,614.90	7	6,221.38	7	6,794.54	7	7,321.16	7	7,784.25	7	8,158.62	7	8,389.42	7		7		7	
1/4	5,627.79	1/4	6,233.68	1/4	6,806.01	1/4	7,331.48	1/4	7,793.01	1/4	8,165.11	1/4	8,391.23	1/4		1/4		1/4	
1/2	5,640.67	1/2	6,245.98	1/2	6,817.47	1/2	7,341.80	1/2	7,801.76	1/2	8,171.60	1/2	8,393.05	1/2		1/2		1/2	
3/4	5,653.55	3/4	6,258.28	3/4	6,828.94	3/4	7,352.12	3/4	7,810.52	3/4	8,178.08	3/4	8,394.86	3/4		3/4		3/4	
8	5,666.43	8	6,270.58	8	6,840.41	8	7,362.45	8	7,819.28	8	8,184.57	8	8,396.68	8		8		8	
1/4	5,679.27	1/4	6,282.82	1/4	6,851.79	1/4	7,372.66	1/4	7,827.88	1/4	8,190.79	1/4	8,397.54	1/4		1/4		1/4	
1/2	5,692.12	1/2	6,295.06	1/2	6,863.17	1/2	7,382.87	1/2	7,836.48	1/2	8,197.00	1/2	8,398.41	1/2		1/2		1/2	
3/4	5,704.96	3/4	6,307.30	3/4	6,874.56	3/4	7,393.08	3/4	7,845.09	3/4	8,203.22	3/4		3/4		3/4		3/4	
9	5,717.80	9	6,319.55	9	6,885.94	9	7,403.29	9	7,853.69	9	8,209.44	9		9		9		9	
1/4	5,730.60	1/4	6,331.73	1/4	6,897.24	1/4	7,413.38	1/4	7,862.13	1/4	8,215.40	1/4		1/4		1/4		1/4	
1/2	5,743.40	1/2	6,343.91	1/2	6,908.54	1/2	7,423.48	1/2	7,870.57	1/2	8,221.37	1/2		1/2		1/2		1/2	
3/4	5,756.21	3/4	6,356.09	3/4	6,919.84	3/4	7,433.58	3/4	7,879.01	3/4	8,227.33	3/4		3/4		3/4		3/4	
10	5,769.01	10	6,368.27	10	6,931.14	10	7,443.67	10	7,887.46	10	8,233.29	10		10		10		10	
1/4	5,781.76	1/4	6,380.38	1/4	6,942.35	1/4	7,453.65	1/4	7,895.73	1/4	8,238.99	1/4		1/4		1/4		1/4	
1/2	5,794.52	1/2	6,392.50	1/2	6,953.56	1/2	7,463.63	1/2	7,904.01	1/2	8,244.68	1/2		1/2		1/2		1/2	
3/4	5,807.28	3/4	6,404.62	3/4	6,964.78	3/4	7,473.60	3/4	7,912.28	3/4	8,250.38	3/4		3/4		3/4		3/4	
11	5,820.04	11	6,416.74	11	6,975.99	11	7,483.58	11	7,920.56	11	8,256.07	11		11		11		11	
1/4	5,832.75	1/4	6,428.79	1/4	6,987.11	1/4	7,493.44	1/4	7,928.66	1/4	8,261.48	1/4		1/4		1/4		1/4	
1/2	5,845.47	1/2	6,440.84	1/2	6,998.23	1/2	7,503.29	1/2	7,936.77	1/2	8,266.90	1/2		1/2		1/2		1/2	
3/4	5,858.18	3/4	6,452.89	3/4	7,009.36	3/4	7,513.15	3/4	7,944.87	3/4	8,272.31	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/02/2011 CL - SW
CALCULATED: 12/02/2011 CL
PRINTED: 12/02/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2011

PRECISION MEASUREMENT
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