



BARGE "KIRBY 16847"

PORT HORIZONTAL

INNAGE TABLE BERGAN GAUGE

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	0.07	0	187.92	0	524.24	0	947.59	0	1,432.96	0	1,963.96	0	2,527.99	0	3,114.44	0	3,713.83	0	4,317.20
1/4	1.21	1/4	193.86	1/4	532.34	1/4	957.18	1/4	1,443.64	1/4	1,975.43	1/4	2,540.02	1/4	3,126.84	1/4	3,726.39	1/4	4,329.74
1/2	2.35	1/2	199.80	1/2	540.44	1/2	966.76	1/2	1,454.31	1/2	1,986.90	1/2	2,552.06	1/2	3,139.24	1/2	3,738.96	1/2	4,342.29
3/4	3.49	3/4	205.74	3/4	548.54	3/4	976.35	3/4	1,464.99	3/4	1,998.38	3/4	2,564.10	3/4	3,151.63	3/4	3,751.52	3/4	4,354.83
1	4.62	1	211.68	1	556.64	1	985.93	1	1,475.66	1	2,009.85	1	2,576.14	1	3,164.03	1	3,764.08	1	4,367.38
1/4	6.71	1/4	217.84	1/4	564.88	1/4	995.62	1/4	1,486.41	1/4	2,021.38	1/4	2,588.21	1/4	3,176.44	1/4	3,776.65	1/4	4,379.92
1/2	8.79	1/2	224.00	1/2	573.12	1/2	1,005.31	1/2	1,497.16	1/2	2,032.91	1/2	2,600.29	1/2	3,188.86	1/2	3,789.22	1/2	4,392.45
3/4	10.87	3/4	230.17	3/4	581.36	3/4	1,015.00	3/4	1,507.91	3/4	2,044.44	3/4	2,612.36	3/4	3,201.28	3/4	3,801.78	3/4	4,404.99
2	12.96	2	236.33	2	589.60	2	1,024.69	2	1,518.67	2	2,055.97	2	2,624.44	2	3,213.69	2	3,814.35	2	4,417.53
1/4	15.65	1/4	242.70	1/4	597.98	1/4	1,034.48	1/4	1,529.49	1/4	2,067.56	1/4	2,636.55	1/4	3,226.13	1/4	3,826.92	1/4	4,430.05
1/2	18.35	1/2	249.07	1/2	606.37	1/2	1,044.27	1/2	1,540.32	1/2	2,079.14	1/2	2,648.66	1/2	3,238.56	1/2	3,839.50	1/2	4,442.58
3/4	21.05	3/4	255.44	3/4	614.75	3/4	1,054.06	3/4	1,551.14	3/4	2,090.72	3/4	2,660.77	3/4	3,251.00	3/4	3,852.07	3/4	4,455.10
3	23.74	3	261.81	3	623.13	3	1,063.85	3	1,561.97	3	2,102.31	3	2,672.88	3	3,263.44	3	3,864.64	3	4,467.63
1/4	26.93	1/4	268.39	1/4	631.65	1/4	1,073.74	1/4	1,572.87	1/4	2,113.94	1/4	2,685.03	1/4	3,275.89	1/4	3,877.22	1/4	4,480.14
1/2	30.12	1/2	274.96	1/2	640.16	1/2	1,083.63	1/2	1,583.77	1/2	2,125.58	1/2	2,697.17	1/2	3,288.34	1/2	3,889.79	1/2	4,492.66
3/4	33.31	3/4	281.53	3/4	648.68	3/4	1,093.52	3/4	1,594.67	3/4	2,137.21	3/4	2,709.32	3/4	3,300.80	3/4	3,902.37	3/4	4,505.17
4	36.50	4	288.11	4	657.20	4	1,103.41	4	1,605.57	4	2,148.85	4	2,721.47	4	3,313.25	4	3,914.94	4	4,517.68
1/4	40.11	1/4	294.88	1/4	665.85	1/4	1,113.40	1/4	1,616.54	1/4	2,160.54	1/4	2,733.64	1/4	3,325.72	1/4	3,927.52	1/4	4,530.19
1/2	43.72	1/2	301.64	1/2	674.50	1/2	1,123.38	1/2	1,627.51	1/2	2,172.22	1/2	2,745.82	1/2	3,338.20	1/2	3,940.10	1/2	4,542.69
3/4	47.33	3/4	308.41	3/4	683.15	3/4	1,133.37	3/4	1,638.48	3/4	2,183.91	3/4	2,758.00	3/4	3,350.67	3/4	3,952.68	3/4	4,555.19
5	50.95	5	315.18	5	691.79	5	1,143.35	5	1,649.45	5	2,195.60	5	2,770.18	5	3,363.14	5	3,965.25	5	4,567.69
1/4	54.94	1/4	322.14	1/4	700.57	1/4	1,153.43	1/4	1,660.49	1/4	2,207.33	1/4	2,782.39	1/4	3,375.63	1/4	3,977.83	1/4	4,580.17
1/2	58.92	1/2	329.09	1/2	709.35	1/2	1,163.51	1/2	1,671.52	1/2	2,219.07	1/2	2,794.60	1/2	3,388.11	1/2	3,990.41	1/2	4,592.66
3/4	62.91	3/4	336.05	3/4	718.13	3/4	1,173.59	3/4	1,682.56	3/4	2,230.80	3/4	2,806.81	3/4	3,400.60	3/4	4,002.99	3/4	4,605.14
6	66.90	6	343.00	6	726.90	6	1,183.67	6	1,693.60	6	2,242.54	6	2,819.02	6	3,413.09	6	4,015.56	6	4,617.63
1/4	71.23	1/4	350.14	1/4	735.81	1/4	1,193.84	1/4	1,704.71	1/4	2,254.32	1/4	2,831.26	1/4	3,425.59	1/4	4,028.14	1/4	4,630.10
1/2	75.55	1/2	357.27	1/2	744.71	1/2	1,204.01	1/2	1,715.82	1/2	2,266.10	1/2	2,843.51	1/2	3,438.09	1/2	4,040.72	1/2	4,642.57
3/4	79.87	3/4	364.41	3/4	753.61	3/4	1,214.18	3/4	1,726.92	3/4	2,277.89	3/4	2,855.75	3/4	3,450.60	3/4	4,053.30	3/4	4,655.04
7	84.20	7	371.54	7	762.51	7	1,224.35	7	1,738.03	7	2,289.67	7	2,867.99	7	3,463.10	7	4,065.87	7	4,667.51
1/4	88.84	1/4	378.85	1/4	771.53	1/4	1,234.61	1/4	1,749.20	1/4	2,301.50	1/4	2,880.26	1/4	3,475.61	1/4	4,078.45	1/4	4,679.96
1/2	93.47	1/2	386.16	1/2	780.56	1/2	1,244.88	1/2	1,760.37	1/2	2,313.33	1/2	2,892.53	1/2	3,488.13	1/2	4,091.02	1/2	4,692.41
3/4	98.11	3/4	393.47	3/4	789.58	3/4	1,255.14	3/4	1,771.55	3/4	2,325.16	3/4	2,904.80	3/4	3,500.64	3/4	4,103.60	3/4	4,704.86
8	102.75	8	400.78	8	798.61	8	1,265.40	8	1,782.72	8	2,336.99	8	2,917.07	8	3,513.16	8	4,116.17	8	4,717.31
1/4	107.68	1/4	408.26	1/4	807.75	1/4	1,275.74	1/4	1,793.95	1/4	2,348.86	1/4	2,929.37	1/4	3,525.69	1/4	4,128.75	1/4	4,729.75
1/2	112.61	1/2	415.74	1/2	816.89	1/2	1,286.09	1/2	1,805.19	1/2	2,360.74	1/2	2,941.66	1/2	3,538.21	1/2	4,141.32	1/2	4,742.18
3/4	117.54	3/4	423.21	3/4	826.03	3/4	1,296.44	3/4	1,816.43	3/4	2,372.61	3/4	2,953.96	3/4	3,550.74	3/4	4,153.89	3/4	4,754.62
9	122.47	9	430.69	9	835.17	9	1,306.79	9	1,827.66	9	2,384.48	9	2,966.26	9	3,563.27	9	4,166.46	9	4,767.05
1/4	127.67	1/4	438.33	1/4	844.43	1/4	1,317.22	1/4	1,838.96	1/4	2,396.40	1/4	2,978.58	1/4	3,575.81	1/4	4,179.03	1/4	4,779.46
1/2	132.87	1/2	445.97	1/2	853.69	1/2	1,327.65	1/2	1,850.26	1/2	2,408.32	1/2	2,990.91	1/2	3,588.34	1/2	4,191.60	1/2	4,791.88
3/4	138.07	3/4	453.61	3/4	862.94	3/4	1,338.08	3/4	1,861.56	3/4	2,420.24	3/4	3,003.23	3/4	3,600.88	3/4	4,204.16	3/4	4,804.29
10	143.28	10	461.25	10	872.20	10	1,348.52	10	1,872.85	10	2,432.15	10	3,015.56	10	3,613.42	10	4,216.73	10	4,816.70
1/4	148.73	1/4	469.05	1/4	881.57	1/4	1,359.03	1/4	1,884.21	1/4	2,444.11	1/4	3,027.91	1/4	3,625.97	1/4	4,229.29	1/4	4,829.10
1/2	154.19	1/2	476.85	1/2	890.94	1/2	1,369.55	1/2	1,895.57	1/2	2,456.07	1/2	3,040.25	1/2	3,638.51	1/2	4,241.85	1/2	4,841.49
3/4	159.65	3/4	484.64	3/4	900.31	3/4	1,380.06	3/4	1,906.93	3/4	2,468.03	3/4	3,052.60	3/4	3,651.06	3/4	4,254.42	3/4	4,853.88
11	165.11	11	492.44	11	909.68	11	1,390.58	11	1,918.29	11	2,479.99	11	3,064.95	11	3,663.61	11	4,266.98	11	4,866.27
1/4	170.82	1/4	500.39	1/4	919.16	1/4	1,401.17	1/4	1,929.70	1/4	2,491.99	1/4	3,077.33	1/4	3,676.16	1/4	4,279.53	1/4	4,878.64
1/2	176.52	1/2	508.34	1/2	928.64	1/2	1,411.77	1/2	1,941.12	1/2	2,503.99	1/2	3,089.70	1/2	3,688.72	1/2	4,292.09	1/2	4,891.01
3/4	182.22	3/4	516.29	3/4	938.11	3/4	1,422.36	3/4	1,952.54	3/4	2,515.99	3/4	3,102.07	3/4	3,701.28	3/4	4,304.64	3/4	4,903.38

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 16847"

PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

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	4,915.75	0	5,500.53	0	6,061.93	0	6,589.23	0	7,069.56	0	7,486.02	0	7,812.22	0		0		0	
1/4	4,928.10	1/4	5,512.48	1/4	6,073.28	1/4	6,599.73	1/4	7,078.91	1/4	7,493.80	1/4	7,817.65	1/4	1/4		1/4		1/4
1/2	4,940.45	1/2	5,524.43	1/2	6,084.63	1/2	6,610.24	1/2	7,088.27	1/2	7,501.58	1/2	7,823.09	1/2	1/2		1/2		1/2
3/4	4,952.79	3/4	5,536.39	3/4	6,095.99	3/4	6,620.74	3/4	7,097.63	3/4	7,509.35	3/4	7,828.52	3/4	3/4		3/4		3/4
1	4,965.14	1	5,548.34	1	6,107.34	1	6,631.25	1	7,106.98	1	7,517.13	1	7,833.95	1	1		1		1
1/4	4,977.46	1/4	5,560.25	1/4	6,118.63	1/4	6,641.67	1/4	7,116.22	1/4	7,524.75	1/4	7,839.13	1/4	1/4		1/4		1/4
1/2	4,989.78	1/2	5,572.17	1/2	6,129.92	1/2	6,652.09	1/2	7,125.47	1/2	7,532.37	1/2	7,844.30	1/2	1/2		1/2		1/2
3/4	5,002.10	3/4	5,584.08	3/4	6,141.21	3/4	6,662.51	3/4	7,134.71	3/4	7,539.99	3/4	7,849.48	3/4	3/4		3/4		3/4
2	5,014.42	2	5,595.99	2	6,152.50	2	6,672.93	2	7,143.95	2	7,547.61	2	7,854.65	2	2		2		2
1/4	5,026.72	1/4	5,607.86	1/4	6,163.73	1/4	6,683.27	1/4	7,153.08	1/4	7,555.07	1/4	7,859.55	1/4	1/4		1/4		1/4
1/2	5,039.01	1/2	5,619.73	1/2	6,174.95	1/2	6,693.61	1/2	7,162.21	1/2	7,562.53	1/2	7,864.45	1/2	1/2		1/2		1/2
3/4	5,051.31	3/4	5,631.60	3/4	6,186.18	3/4	6,703.94	3/4	7,171.33	3/4	7,569.98	3/4	7,869.35	3/4	3/4		3/4		3/4
3	5,063.60	3	5,643.46	3	6,197.41	3	6,714.28	3	7,180.46	3	7,577.44	3	7,874.25	3	3		3		3
1/4	5,075.87	1/4	5,655.29	1/4	6,208.57	1/4	6,724.53	1/4	7,189.47	1/4	7,584.73	1/4	7,878.86	1/4	1/4		1/4		1/4
1/2	5,088.13	1/2	5,667.11	1/2	6,219.74	1/2	6,734.78	1/2	7,198.48	1/2	7,592.02	1/2	7,883.46	1/2	1/2		1/2		1/2
3/4	5,100.40	3/4	5,678.94	3/4	6,230.90	3/4	6,745.03	3/4	7,207.49	3/4	7,599.30	3/4	7,888.07	3/4	3/4		3/4		3/4
4	5,112.67	4	5,690.76	4	6,242.07	4	6,755.28	4	7,216.49	4	7,606.59	4	7,892.67	4	4		4		4
1/4	5,124.90	1/4	5,702.54	1/4	6,253.16	1/4	6,765.44	1/4	7,225.38	1/4	7,613.70	1/4	7,896.96	1/4	1/4		1/4		1/4
1/2	5,137.14	1/2	5,714.31	1/2	6,264.26	1/2	6,775.60	1/2	7,234.27	1/2	7,620.82	1/2	7,901.25	1/2	1/2		1/2		1/2
3/4	5,149.38	3/4	5,726.09	3/4	6,275.36	3/4	6,785.76	3/4	7,243.15	3/4	7,627.93	3/4	7,905.54	3/4	3/4		3/4		3/4
5	5,161.62	5	5,737.87	5	6,286.46	5	6,795.92	5	7,252.04	5	7,635.04	5	7,909.83	5	5		5		5
1/4	5,173.82	1/4	5,749.60	1/4	6,297.49	1/4	6,805.99	1/4	7,260.80	1/4	7,641.98	1/4	7,913.77	1/4	1/4		1/4		1/4
1/2	5,186.03	1/2	5,761.33	1/2	6,308.52	1/2	6,816.05	1/2	7,269.56	1/2	7,648.91	1/2	7,917.72	1/2	1/2		1/2		1/2
3/4	5,198.24	3/4	5,773.06	3/4	6,319.55	3/4	6,826.12	3/4	7,278.33	3/4	7,655.84	3/4	7,921.66	3/4	3/4		3/4		3/4
6	5,210.44	6	5,784.79	6	6,330.58	6	6,836.19	6	7,287.09	6	7,662.77	6	7,925.61	6	6		6		6
1/4	5,222.62	1/4	5,796.47	1/4	6,341.54	1/4	6,846.16	1/4	7,295.72	1/4	7,669.51	1/4	7,929.17	1/4	1/4		1/4		1/4
1/2	5,234.79	1/2	5,808.15	1/2	6,352.50	1/2	6,856.14	1/2	7,304.35	1/2	7,676.26	1/2	7,932.73	1/2	1/2		1/2		1/2
3/4	5,246.97	3/4	5,819.83	3/4	6,363.47	3/4	6,866.11	3/4	7,312.98	3/4	7,683.00	3/4	7,936.29	3/4	3/4		3/4		3/4
7	5,259.14	7	5,831.51	7	6,374.43	7	6,876.08	7	7,321.62	7	7,689.75	7	7,939.86	7	7		7		7
1/4	5,271.28	1/4	5,843.14	1/4	6,385.32	1/4	6,885.96	1/4	7,330.12	1/4	7,696.30	1/4	7,942.99	1/4	1/4		1/4		1/4
1/2	5,283.43	1/2	5,854.77	1/2	6,396.21	1/2	6,895.84	1/2	7,338.62	1/2	7,702.84	1/2	7,946.12	1/2	1/2		1/2		1/2
3/4	5,295.57	3/4	5,866.40	3/4	6,407.10	3/4	6,905.72	3/4	7,347.12	3/4	7,709.39	3/4	7,949.25	3/4	3/4		3/4		3/4
8	5,307.71	8	5,878.03	8	6,417.99	8	6,915.59	8	7,355.62	8	7,715.94	8	7,952.38	8	8		8		8
1/4	5,319.82	1/4	5,889.60	1/4	6,428.80	1/4	6,925.37	1/4	7,363.98	1/4	7,722.29	1/4	7,955.01	1/4	1/4		1/4		1/4
1/2	5,331.92	1/2	5,901.18	1/2	6,439.62	1/2	6,935.15	1/2	7,372.35	1/2	7,728.63	1/2	7,957.64	1/2	1/2		1/2		1/2
3/4	5,344.03	3/4	5,912.76	3/4	6,450.44	3/4	6,944.93	3/4	7,380.71	3/4	7,734.98	3/4	7,960.27	3/4	3/4		3/4		3/4
9	5,356.14	9	5,924.33	9	6,461.26	9	6,954.70	9	7,389.08	9	7,741.32	9	7,962.89	9	9		9		9
1/4	5,368.21	1/4	5,935.86	1/4	6,472.00	1/4	6,964.38	1/4	7,397.30	1/4	7,747.46	1/4	7,964.89	1/4	1/4		1/4		1/4
1/2	5,380.28	1/2	5,947.38	1/2	6,482.74	1/2	6,974.06	1/2	7,405.53	1/2	7,753.59	1/2	7,966.88	1/2	1/2		1/2		1/2
3/4	5,392.35	3/4	5,958.90	3/4	6,493.48	3/4	6,983.73	3/4	7,413.75	3/4	7,759.72	3/4	7,968.87	3/4	3/4		3/4		3/4
10	5,404.42	10	5,970.42	10	6,504.22	10	6,993.41	10	7,421.97	10	7,765.86	10	7,970.87	10	10		10		10
1/4	5,416.45	1/4	5,981.89	1/4	6,514.89	1/4	7,002.98	1/4	7,430.05	1/4	7,771.77	1/4	7,971.93	1/4	1/4		1/4		1/4
1/2	5,428.48	1/2	5,993.36	1/2	6,525.55	1/2	7,012.55	1/2	7,438.13	1/2	7,777.68	1/2	7,973.00	1/2	1/2		1/2		1/2
3/4	5,440.52	3/4	6,004.83	3/4	6,536.22	3/4	7,022.13	3/4	7,446.21	3/4	7,783.59	3/4	7,974.06	3/4	3/4		3/4		3/4
11	5,452.55	11	6,016.29	11	6,546.88	11	7,031.70	11	7,454.29	11	7,789.50	7/8	7,974.60	11	11		11		11
1/4	5,464.54	1/4	6,027.70	1/4	6,557.47	1/4	7,041.16	1/4	7,462.23	1/4	7,795.18	1/4		1/4	1/4		1/4		1/4
1/2	5,476.54	1/2	6,039.11	1/2	6,568.05	1/2	7,050.63	1/2	7,470.16	1/2	7,800.86	1/2		1/2	1/2		1/2		1/2
3/4	5,488.53	3/4	6,050.52	3/4	6,578.64	3/4	7,060.09	3/4	7,478.09	3/4	7,806.54	3/4		3/4	3/4		3/4		3/4

STRAPPED: 07/12/2023 JS
CALCULATED: 07/12/2023 CL
PRINTED: 07/12/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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 16847"

STBD HORIZONTAL INNAGE TABLE BERGAN GAUGE

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	0.07	0	188.10	0	524.76	0	948.59	0	1,434.54	0	1,966.21	0	2,530.99	0	3,118.26	0	3,718.52	0	4,322.81
1/4	1.21	1/4	194.04	1/4	532.87	1/4	958.19	1/4	1,445.23	1/4	1,977.70	1/4	2,543.04	1/4	3,130.68	1/4	3,731.10	1/4	4,335.37
1/2	2.35	1/2	199.99	1/2	540.98	1/2	967.78	1/2	1,455.92	1/2	1,989.19	1/2	2,555.10	1/2	3,143.09	1/2	3,743.68	1/2	4,347.94
3/4	3.49	3/4	205.93	3/4	549.09	3/4	977.38	3/4	1,466.61	3/4	2,000.68	3/4	2,567.15	3/4	3,155.50	3/4	3,756.26	3/4	4,360.50
1	4.63	1	211.88	1	557.19	1	986.98	1	1,477.29	1	2,012.17	1	2,579.21	1	3,167.91	1	3,768.85	1	4,373.07
1/4	6.71	1/4	218.05	1/4	565.44	1/4	996.68	1/4	1,488.06	1/4	2,023.71	1/4	2,591.30	1/4	3,180.35	1/4	3,781.43	1/4	4,385.63
1/2	8.80	1/2	224.21	1/2	573.69	1/2	1,006.38	1/2	1,498.82	1/2	2,035.26	1/2	2,603.39	1/2	3,192.78	1/2	3,794.02	1/2	4,398.18
3/4	10.88	3/4	230.38	3/4	581.95	3/4	1,016.08	3/4	1,509.59	3/4	2,046.80	3/4	2,615.48	3/4	3,205.22	3/4	3,806.61	3/4	4,410.74
2	12.97	2	236.55	2	590.20	2	1,025.78	2	1,520.35	2	2,058.35	2	2,627.57	2	3,217.65	2	3,819.19	2	4,423.30
1/4	15.67	1/4	242.92	1/4	598.59	1/4	1,035.58	1/4	1,531.19	1/4	2,069.94	1/4	2,639.70	1/4	3,230.11	1/4	3,831.78	1/4	4,435.84
1/2	18.36	1/2	249.30	1/2	606.98	1/2	1,045.38	1/2	1,542.03	1/2	2,081.54	1/2	2,651.83	1/2	3,242.56	1/2	3,844.38	1/2	4,448.39
3/4	21.06	3/4	255.68	3/4	615.37	3/4	1,055.19	3/4	1,552.87	3/4	2,093.14	3/4	2,663.96	3/4	3,255.01	3/4	3,856.97	3/4	4,460.93
3	23.76	3	262.06	3	623.76	3	1,064.99	3	1,563.71	3	2,104.74	3	2,676.08	3	3,267.47	3	3,869.56	3	4,473.48
1/4	26.95	1/4	268.64	1/4	632.29	1/4	1,074.89	1/4	1,574.62	1/4	2,116.39	1/4	2,688.25	1/4	3,279.94	1/4	3,882.15	1/4	4,486.01
1/2	30.14	1/2	275.22	1/2	640.81	1/2	1,084.79	1/2	1,585.54	1/2	2,128.04	1/2	2,700.41	1/2	3,292.41	1/2	3,894.75	1/2	4,498.55
3/4	33.34	3/4	281.80	3/4	649.34	3/4	1,094.69	3/4	1,596.45	3/4	2,139.69	3/4	2,712.57	3/4	3,304.88	3/4	3,907.34	3/4	4,511.08
4	36.53	4	288.38	4	657.87	4	1,104.59	4	1,607.36	4	2,151.35	4	2,724.73	4	3,317.36	4	3,919.94	4	4,523.61
1/4	40.14	1/4	295.16	1/4	666.52	1/4	1,114.59	1/4	1,618.35	1/4	2,163.05	1/4	2,736.93	1/4	3,329.85	1/4	3,932.53	1/4	4,536.13
1/2	43.76	1/2	301.93	1/2	675.18	1/2	1,124.59	1/2	1,629.33	1/2	2,174.75	1/2	2,749.13	1/2	3,342.34	1/2	3,945.13	1/2	4,548.65
3/4	47.38	3/4	308.71	3/4	683.84	3/4	1,134.58	3/4	1,640.31	3/4	2,186.45	3/4	2,761.32	3/4	3,354.83	3/4	3,957.72	3/4	4,561.17
5	50.99	5	315.48	5	692.50	5	1,144.58	5	1,651.30	5	2,198.15	5	2,773.52	5	3,367.31	5	3,970.32	5	4,573.69
1/4	54.98	1/4	322.44	1/4	701.29	1/4	1,154.67	1/4	1,662.35	1/4	2,209.90	1/4	2,785.74	1/4	3,379.82	1/4	3,982.92	1/4	4,586.20
1/2	58.98	1/2	329.41	1/2	710.08	1/2	1,164.77	1/2	1,673.40	1/2	2,221.66	1/2	2,797.97	1/2	3,392.33	1/2	3,995.52	1/2	4,598.70
3/4	62.97	3/4	336.37	3/4	718.86	3/4	1,174.86	3/4	1,684.46	3/4	2,233.41	3/4	2,810.20	3/4	3,404.83	3/4	4,008.11	3/4	4,611.21
6	66.96	6	343.33	6	727.65	6	1,184.95	6	1,695.51	6	2,245.16	6	2,822.43	6	3,417.34	6	4,020.71	6	4,623.72
1/4	71.29	1/4	350.47	1/4	736.56	1/4	1,195.13	1/4	1,706.63	1/4	2,256.96	1/4	2,834.69	1/4	3,429.86	1/4	4,033.31	1/4	4,636.21
1/2	75.62	1/2	357.62	1/2	745.47	1/2	1,205.32	1/2	1,717.75	1/2	2,268.76	1/2	2,846.94	1/2	3,442.38	1/2	4,045.90	1/2	4,648.69
3/4	79.94	3/4	364.76	3/4	754.39	3/4	1,215.50	3/4	1,728.87	3/4	2,280.55	3/4	2,859.20	3/4	3,454.90	3/4	4,058.50	3/4	4,661.18
7	84.27	7	371.90	7	763.30	7	1,225.68	7	1,739.99	7	2,292.35	7	2,871.46	7	3,467.42	7	4,071.09	7	4,673.67
1/4	88.91	1/4	379.22	1/4	772.33	1/4	1,235.95	1/4	1,751.18	1/4	2,304.20	1/4	2,883.75	1/4	3,479.95	1/4	4,083.69	1/4	4,686.15
1/2	93.56	1/2	386.54	1/2	781.37	1/2	1,246.23	1/2	1,762.37	1/2	2,316.04	1/2	2,896.03	1/2	3,492.48	1/2	4,096.28	1/2	4,698.62
3/4	98.20	3/4	393.85	3/4	790.40	3/4	1,256.50	3/4	1,773.55	3/4	2,327.89	3/4	2,908.32	3/4	3,505.02	3/4	4,108.88	3/4	4,711.09
8	102.84	8	401.17	8	799.43	8	1,266.77	8	1,784.74	8	2,339.73	8	2,920.61	8	3,517.55	8	4,121.47	8	4,723.56
1/4	107.77	1/4	408.66	1/4	808.59	1/4	1,277.13	1/4	1,795.99	1/4	2,351.62	1/4	2,932.92	1/4	3,530.10	1/4	4,134.06	1/4	4,736.02
1/2	112.71	1/2	416.14	1/2	817.74	1/2	1,287.49	1/2	1,807.24	1/2	2,363.51	1/2	2,945.24	1/2	3,542.64	1/2	4,146.65	1/2	4,748.47
3/4	117.64	3/4	423.63	3/4	826.89	3/4	1,297.85	3/4	1,818.49	3/4	2,375.40	3/4	2,957.55	3/4	3,555.19	3/4	4,159.25	3/4	4,760.93
9	122.58	9	431.11	9	836.04	9	1,308.21	9	1,829.74	9	2,387.29	9	2,969.87	9	3,567.73	9	4,171.84	9	4,773.38
1/4	127.78	1/4	438.76	1/4	845.31	1/4	1,318.66	1/4	1,841.05	1/4	2,399.23	1/4	2,982.21	1/4	3,580.29	1/4	4,184.42	1/4	4,785.81
1/2	132.99	1/2	446.41	1/2	854.58	1/2	1,329.10	1/2	1,852.37	1/2	2,411.16	1/2	2,994.55	1/2	3,592.85	1/2	4,197.01	1/2	4,798.25
3/4	138.20	3/4	454.06	3/4	863.85	3/4	1,339.55	3/4	1,863.68	3/4	2,423.09	3/4	3,006.89	3/4	3,605.40	3/4	4,209.60	3/4	4,810.68
10	143.40	10	461.70	10	873.11	10	1,349.99	10	1,874.99	10	2,435.03	10	3,019.23	10	3,617.96	10	4,222.18	10	4,823.12
1/4	148.87	1/4	469.51	1/4	882.49	1/4	1,360.52	1/4	1,886.36	1/4	2,447.00	1/4	3,031.60	1/4	3,630.53	1/4	4,234.77	1/4	4,835.53
1/2	154.33	1/2	477.32	1/2	891.87	1/2	1,371.05	1/2	1,897.74	1/2	2,458.98	1/2	3,043.97	1/2	3,643.09	1/2	4,247.35	1/2	4,847.94
3/4	159.80	3/4	485.12	3/4	901.25	3/4	1,381.58	3/4	1,909.11	3/4	2,470.95	3/4	3,056.34	3/4	3,655.66	3/4	4,259.93	3/4	4,860.35
11	165.26	11	492.93	11	910.63	11	1,392.11	11	1,920.48	11	2,482.93	11	3,068.70	11	3,668.22	11	4,272.51	11	4,872.77
1/4	170.97	1/4	500.89	1/4	920.12	1/4	1,402.72	1/4	1,931.91	1/4	2,494.94	1/4	3,081.09	1/4	3,680.80	1/4	4,285.08	1/4	4,885.16
1/2	176.68	1/2	508.85	1/2	929.61	1/2	1,413.32	1/2	1,943.35	1/2	2,506.96	1/2	3,093.48	1/2	3,693.37	1/2	4,297.66	1/2	4,897.55
3/4	182.39	3/4	516.81	3/4	939.10	3/4	1,423.93	3/4	1,954.78	3/4	2,518.97	3/4	3,105.87	3/4	3,705.95	3/4	4,310.23	3/4	4,909.94

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.

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BARGE "KIRBY 16847"

STBD HORIZONTAL INNAGE TABLE BERGAN GAUGE

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	4,922.33	0	5,508.10	0	6,070.55	0	6,598.92	0	7,080.40	0	7,498.10	0	7,825.78	0		0		0	
1/4	4,934.70	1/4	5,520.08	1/4	6,081.92	1/4	6,609.45	1/4	7,089.78	1/4	7,505.91	1/4	7,831.25	1/4		1/4		1/4	
1/2	4,947.06	1/2	5,532.05	1/2	6,093.29	1/2	6,619.98	1/2	7,099.16	1/2	7,513.71	1/2	7,836.72	1/2		1/2		1/2	
3/4	4,959.43	3/4	5,544.03	3/4	6,104.67	3/4	6,630.51	3/4	7,108.54	3/4	7,521.52	3/4	7,842.19	3/4		3/4		3/4	
1	4,971.80	1	5,556.00	1	6,116.04	1	6,641.04	1	7,117.92	1	7,529.33	1	7,847.66	1		1		1	
1/4	4,984.14	1/4	5,567.94	1/4	6,127.35	1/4	6,651.48	1/4	7,127.19	1/4	7,536.97	1/4	7,852.88	1/4		1/4		1/4	
1/2	4,996.48	1/2	5,579.87	1/2	6,138.67	1/2	6,661.93	1/2	7,136.45	1/2	7,544.62	1/2	7,858.09	1/2		1/2		1/2	
3/4	5,008.82	3/4	5,591.80	3/4	6,149.98	3/4	6,672.37	3/4	7,145.72	3/4	7,552.27	3/4	7,863.30	3/4		3/4		3/4	
2	5,021.16	2	5,603.74	2	6,161.29	2	6,682.82	2	7,154.99	2	7,559.92	2	7,868.52	2		2		2	
1/4	5,033.48	1/4	5,615.63	1/4	6,172.54	1/4	6,693.18	1/4	7,164.14	1/4	7,567.40	1/4	7,873.46	1/4		1/4		1/4	
1/2	5,045.79	1/2	5,627.52	1/2	6,183.79	1/2	6,703.54	1/2	7,173.29	1/2	7,574.89	1/2	7,878.40	1/2		1/2		1/2	
3/4	5,058.11	3/4	5,639.41	3/4	6,195.04	3/4	6,713.90	3/4	7,182.45	3/4	7,583.37	3/4	7,883.34	3/4		3/4		3/4	
3	5,070.42	3	5,651.30	3	6,206.29	3	6,724.26	3	7,191.60	3	7,589.86	3	7,888.28	3		3		3	
1/4	5,082.71	1/4	5,663.14	1/4	6,217.48	1/4	6,734.53	1/4	7,200.63	1/4	7,597.18	1/4	7,892.92	1/4		1/4		1/4	
1/2	5,095.00	1/2	5,674.99	1/2	6,228.66	1/2	6,744.80	1/2	7,209.66	1/2	7,604.49	1/2	7,897.57	1/2		1/2		1/2	
3/4	5,107.28	3/4	5,686.83	3/4	6,239.85	3/4	6,755.08	3/4	7,218.70	3/4	7,611.81	3/4	7,902.22	3/4		3/4		3/4	
4	5,119.57	4	5,698.68	4	6,251.04	4	6,765.35	4	7,227.73	4	7,619.13	4	7,906.87	4		4		4	
1/4	5,131.83	1/4	5,710.48	1/4	6,262.16	1/4	6,775.53	1/4	7,236.64	1/4	7,626.27	1/4	7,911.20	1/4		1/4		1/4	
1/2	5,144.09	1/2	5,722.27	1/2	6,273.28	1/2	6,785.72	1/2	7,245.56	1/2	7,633.41	1/2	7,915.54	1/2		1/2		1/2	
3/4	5,156.35	3/4	5,734.07	3/4	6,284.40	3/4	6,795.90	3/4	7,254.47	3/4	7,640.56	3/4	7,919.87	3/4		3/4		3/4	
5	5,168.60	5	5,745.87	5	6,295.52	5	6,806.08	5	7,263.38	5	7,647.70	5	7,924.20	5		5		5	
1/4	5,180.83	1/4	5,757.62	1/4	6,306.57	1/4	6,816.17	1/4	7,272.17	1/4	7,654.66	1/4	7,928.20	1/4		1/4		1/4	
1/2	5,193.06	1/2	5,769.37	1/2	6,317.63	1/2	6,826.26	1/2	7,280.96	1/2	7,661.62	1/2	7,932.19	1/2		1/2		1/2	
3/4	5,205.29	3/4	5,781.13	3/4	6,328.68	3/4	6,836.36	3/4	7,289.74	3/4	7,668.58	3/4	7,936.18	3/4		3/4		3/4	
6	5,217.51	6	5,792.88	6	6,339.73	6	6,846.45	6	7,298.53	6	7,675.55	6	7,940.17	6		6		6	
1/4	5,229.71	1/4	5,804.58	1/4	6,350.72	1/4	6,856.45	1/4	7,307.19	1/4	7,682.32	1/4	7,943.79	1/4		1/4		1/4	
1/2	5,241.91	1/2	5,816.28	1/2	6,361.70	1/2	6,866.44	1/2	7,315.85	1/2	7,689.10	1/2	7,947.40	1/2		1/2		1/2	
3/4	5,254.10	3/4	5,827.98	3/4	6,372.68	3/4	6,876.44	3/4	7,324.51	3/4	7,695.87	3/4	7,951.02	3/4		3/4		3/4	
7	5,266.30	7	5,839.68	7	6,383.67	7	6,886.44	7	7,333.16	7	7,702.65	7	7,954.64	7		7		7	
1/4	5,278.46	1/4	5,851.34	1/4	6,394.58	1/4	6,896.34	1/4	7,341.69	1/4	7,709.23	1/4	7,957.83	1/4		1/4		1/4	
1/2	5,290.62	1/2	5,862.99	1/2	6,405.49	1/2	6,906.24	1/2	7,350.22	1/2	7,715.81	1/2	7,961.02	1/2		1/2		1/2	
3/4	5,302.78	3/4	5,874.64	3/4	6,416.41	3/4	6,916.14	3/4	7,358.74	3/4	7,722.39	3/4	7,964.21	3/4		3/4		3/4	
8	5,314.95	8	5,886.29	8	6,427.32	8	6,926.04	8	7,367.27	8	7,728.97	8	7,967.40	8		8		8	
1/4	5,327.07	1/4	5,897.89	1/4	6,438.16	1/4	6,935.84	1/4	7,375.66	1/4	7,735.34	1/4	7,970.10	1/4		1/4		1/4	
1/2	5,339.20	1/2	5,909.49	1/2	6,449.00	1/2	6,945.65	1/2	7,384.05	1/2	7,741.72	1/2	7,972.80	1/2		1/2		1/2	
3/4	5,351.33	3/4	5,921.09	3/4	6,459.84	3/4	6,955.45	3/4	7,392.44	3/4	7,748.10	3/4	7,975.50	3/4		3/4		3/4	
9	5,363.46	9	5,932.68	9	6,470.68	9	6,965.25	9	7,400.83	9	7,754.48	9	7,978.20	9		9		9	
1/4	5,375.55	1/4	5,944.23	1/4	6,481.44	1/4	6,974.95	1/4	7,409.08	1/4	7,760.64	1/4	7,980.28	1/4		1/4		1/4	
1/2	5,387.64	1/2	5,955.77	1/2	6,492.21	1/2	6,984.65	1/2	7,417.34	1/2	7,766.81	1/2	7,982.37	1/2		1/2		1/2	
3/4	5,399.73	3/4	5,967.32	3/4	6,502.97	3/4	6,994.35	3/4	7,425.59	3/4	7,772.98	3/4	7,984.45	3/4		3/4		3/4	
10	5,411.82	10	5,978.86	10	6,513.74	10	7,004.05	10	7,433.84	10	7,779.14	10	7,986.54	10		10		10	
1/4	5,423.88	1/4	5,990.35	1/4	6,524.42	1/4	7,013.65	1/4	7,441.94	1/4	7,785.09	1/4	7,987.68	1/4		1/4		1/4	
1/2	5,435.93	1/2	6,001.84	1/2	6,535.11	1/2	7,023.25	1/2	7,450.05	1/2	7,791.03	1/2	7,988.82	1/2		1/2		1/2	
3/4	5,447.99	3/4	6,013.33	3/4	6,545.80	3/4	7,032.84	3/4	7,458.16	3/4	7,796.98	3/4	7,989.96	3/4		3/4		3/4	
11	5,460.04	11	6,024.82	11	6,556.49	11	7,042.44	11	7,466.27	11	7,802.93	11	7,991.10	11		11		11	
1/4	5,472.06	1/4	6,036.25	1/4	6,567.10	1/4	7,051.93	1/4	7,474.22	1/4	7,808.64	1/4		1/4		1/4		1/4	
1/2	5,484.07	1/2	6,047.68	1/2	6,577.71	1/2	7,061.42	1/2	7,482.18	1/2	7,814.35	1/2		1/2		1/2		1/2	
3/4	5,496.09	3/4	6,059.12	3/4	6,588.31	3/4	7,070.91	3/4	7,490.14	3/4	7,820.07	3/4		3/4		3/4		3/4	

STRAPPED: 07/12/2023 JS
CALCULATED: 07/12/2023 CL
PRINTED: 07/12/2023 CL

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