



BARGE "KIRBY 24800"

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	6.42	0	282.86	0	744.25	0	1,320.24	0	1,979.58	0	2,701.79	0	3,471.21	0	4,274.78	0	5,100.98	0	5,939.13
1/4	9.19	1/4	291.08	1/4	755.30	1/4	1,333.26	1/4	1,994.09	1/4	2,717.41	1/4	3,487.66	1/4	4,291.82	1/4	5,118.37	1/4	5,956.65
1/2	11.97	1/2	299.31	1/2	766.34	1/2	1,346.28	1/2	2,008.59	1/2	2,733.04	1/2	3,504.12	1/2	4,308.85	1/2	5,135.75	1/2	5,974.16
3/4	14.74	3/4	307.54	3/4	777.38	3/4	1,359.31	3/4	2,023.10	3/4	2,748.67	3/4	3,520.58	3/4	4,325.89	3/4	5,153.13	3/4	5,991.68
1	17.51	1	315.76	1	788.42	1	1,372.33	1	2,037.60	1	2,764.30	1	3,537.03	1	4,342.92	1	5,170.52	1	6,009.19
1/4	21.10	1/4	324.27	1/4	799.65	1/4	1,385.49	1/4	2,052.21	1/4	2,780.00	1/4	3,553.55	1/4	4,359.99	1/4	5,187.92	1/4	6,026.71
1/2	24.70	1/2	332.78	1/2	810.89	1/2	1,398.65	1/2	2,066.83	1/2	2,795.71	1/2	3,570.06	1/2	4,377.06	1/2	5,205.32	1/2	6,044.23
3/4	28.29	3/4	341.30	3/4	822.12	3/4	1,411.82	3/4	2,081.44	3/4	2,811.42	3/4	3,586.57	3/4	4,394.14	3/4	5,222.72	3/4	6,061.75
2	31.88	2	349.81	2	833.35	2	1,424.98	2	2,096.05	2	2,827.12	2	3,603.09	2	4,411.21	2	5,240.13	2	6,079.26
1/4	36.13	1/4	358.59	1/4	844.76	1/4	1,438.28	1/4	2,110.76	1/4	2,842.91	1/4	3,619.66	1/4	4,428.32	1/4	5,257.55	1/4	6,096.78
1/2	40.38	1/2	367.37	1/2	856.18	1/2	1,451.58	1/2	2,125.48	1/2	2,858.69	1/2	3,636.23	1/2	4,445.42	1/2	5,274.97	1/2	6,114.30
3/4	44.63	3/4	376.15	3/4	867.60	3/4	1,464.88	3/4	2,140.19	3/4	2,874.48	3/4	3,652.80	3/4	4,462.53	3/4	5,292.39	3/4	6,131.81
3	48.88	3	384.94	3	879.01	3	1,478.17	3	2,154.91	3	2,890.26	3	3,669.37	3	4,479.64	3	5,309.81	3	6,149.33
1/4	53.70	1/4	393.98	1/4	890.61	1/4	1,491.61	1/4	2,169.73	1/4	2,906.12	1/4	3,685.99	1/4	4,496.78	1/4	5,327.24	1/4	6,166.85
1/2	58.52	1/2	403.03	1/2	902.21	1/2	1,505.04	1/2	2,184.54	1/2	2,921.98	1/2	3,702.62	1/2	4,513.92	1/2	5,344.68	1/2	6,184.36
3/4	63.33	3/4	412.07	3/4	913.80	3/4	1,518.47	3/4	2,199.36	3/4	2,937.84	3/4	3,719.24	3/4	4,531.07	3/4	5,362.11	3/4	6,201.88
4	68.15	4	421.12	4	925.40	4	1,531.91	4	2,214.17	4	2,953.70	4	3,735.86	4	4,548.21	4	5,379.55	4	6,219.39
1/4	73.47	1/4	430.41	1/4	937.17	1/4	1,545.47	1/4	2,229.09	1/4	2,969.63	1/4	3,752.54	1/4	4,565.38	1/4	5,397.00	1/4	6,236.91
1/2	78.79	1/2	439.71	1/2	948.94	1/2	1,559.03	1/2	2,244.00	1/2	2,985.57	1/2	3,769.21	1/2	4,582.56	1/2	5,414.45	1/2	6,254.42
3/4	84.11	3/4	449.00	3/4	960.71	3/4	1,572.60	3/4	2,258.92	3/4	3,001.50	3/4	3,785.89	3/4	4,599.74	3/4	5,431.90	3/4	6,271.93
5	89.43	5	458.30	5	972.48	5	1,586.16	5	2,273.84	5	3,017.43	5	3,802.57	5	4,616.91	5	5,449.35	5	6,289.44
1/4	95.21	1/4	467.85	1/4	984.42	1/4	1,599.85	1/4	2,288.85	1/4	3,033.44	1/4	3,819.29	1/4	4,634.12	1/4	5,466.82	1/4	6,306.95
1/2	100.98	1/2	477.39	1/2	996.36	1/2	1,613.54	1/2	2,303.86	1/2	3,049.45	1/2	3,836.02	1/2	4,651.32	1/2	5,484.28	1/2	6,324.46
3/4	106.76	3/4	486.93	3/4	1,008.31	3/4	1,627.23	3/4	2,318.87	3/4	3,065.45	3/4	3,852.75	3/4	4,668.53	3/4	5,501.75	3/4	6,341.97
6	112.54	6	496.48	6	1,020.25	6	1,640.92	6	2,333.88	6	3,081.46	6	3,869.47	6	4,685.74	6	5,519.21	6	6,359.48
1/4	118.73	1/4	506.26	1/4	1,032.35	1/4	1,654.74	1/4	2,348.99	1/4	3,097.53	1/4	3,886.25	1/4	4,702.97	1/4	5,536.69	1/4	6,376.98
1/2	124.93	1/2	516.04	1/2	1,044.46	1/2	1,668.55	1/2	2,364.10	1/2	3,113.61	1/2	3,903.02	1/2	4,720.21	1/2	5,554.16	1/2	6,394.48
3/4	131.13	3/4	525.81	3/4	1,056.57	3/4	1,682.37	3/4	2,379.20	3/4	3,129.68	3/4	3,919.80	3/4	4,737.45	3/4	5,571.64	3/4	6,411.98
7	137.32	7	535.59	7	1,068.68	7	1,696.18	7	2,394.31	7	3,145.76	7	3,936.57	7	4,754.68	7	5,589.11	7	6,429.49
1/4	143.91	1/4	545.60	1/4	1,080.95	1/4	1,710.12	1/4	2,409.51	1/4	3,161.90	1/4	3,953.40	1/4	4,771.95	1/4	5,606.60	1/4	6,446.98
1/2	150.50	1/2	555.61	1/2	1,093.22	1/2	1,724.06	1/2	2,424.70	1/2	3,178.04	1/2	3,970.22	1/2	4,789.21	1/2	5,624.09	1/2	6,464.48
3/4	157.08	3/4	565.61	3/4	1,105.49	3/4	1,738.00	3/4	2,439.90	3/4	3,194.19	3/4	3,987.04	3/4	4,806.48	3/4	5,641.57	3/4	6,481.97
8	163.67	8	575.62	8	1,117.76	8	1,751.93	8	2,455.10	8	3,210.33	8	4,003.86	8	4,823.74	8	5,659.06	8	6,499.47
1/4	170.62	1/4	585.84	1/4	1,130.18	1/4	1,765.99	1/4	2,470.39	1/4	3,226.54	1/4	4,020.73	1/4	4,841.03	1/4	5,676.55	1/4	6,516.95
1/2	177.58	1/2	596.07	1/2	1,142.61	1/2	1,780.05	1/2	2,485.68	1/2	3,242.75	1/2	4,037.60	1/2	4,858.32	1/2	5,694.05	1/2	6,534.44
3/4	184.53	3/4	606.30	3/4	1,155.04	3/4	1,794.10	3/4	2,500.97	3/4	3,258.96	3/4	4,054.47	3/4	4,875.61	3/4	5,711.54	3/4	6,551.92
9	191.48	9	616.52	9	1,167.47	9	1,808.16	9	2,516.25	9	3,275.17	9	4,071.34	9	4,892.91	9	5,729.04	9	6,569.41
1/4	198.77	1/4	626.96	1/4	1,180.05	1/4	1,822.33	1/4	2,531.63	1/4	3,291.45	1/4	4,088.25	1/4	4,910.22	1/4	5,746.54	1/4	6,586.89
1/2	206.07	1/2	637.40	1/2	1,192.63	1/2	1,836.50	1/2	2,547.01	1/2	3,307.72	1/2	4,105.16	1/2	4,927.54	1/2	5,764.04	1/2	6,604.36
3/4	213.36	3/4	647.84	3/4	1,205.21	3/4	1,850.67	3/4	2,562.38	3/4	3,323.99	3/4	4,122.07	3/4	4,944.86	3/4	5,781.55	3/4	6,621.84
10	220.65	10	658.28	10	1,217.79	10	1,864.85	10	2,577.76	10	3,340.27	10	4,138.98	10	4,962.17	10	5,799.05	10	6,639.32
1/4	228.27	1/4	668.93	1/4	1,230.53	1/4	1,879.13	1/4	2,593.22	1/4	3,356.60	1/4	4,155.94	1/4	4,979.51	1/4	5,816.56	1/4	6,656.78
1/2	235.89	1/2	679.57	1/2	1,243.26	1/2	1,893.42	1/2	2,608.68	1/2	3,372.94	1/2	4,172.89	1/2	4,996.85	1/2	5,834.07	1/2	6,674.24
3/4	243.51	3/4	690.22	3/4	1,255.99	3/4	1,907.71	3/4	2,624.14	3/4	3,389.28	3/4	4,189.85	3/4	5,014.19	3/4	5,851.57	3/4	6,691.71
11	251.13	11	700.87	11	1,268.72	11	1,921.99	11	2,639.61	11	3,405.62	11	4,206.80	11	5,031.53	11	5,869.08	11	6,709.17
1/4	259.06	1/4	711.71	1/4	1,281.60	1/4	1,936.39	1/4	2,655.15	1/4	3,422.01	1/4	4,223.80	1/4	5,048.90	1/4	5,886.59	1/4	6,726.62
1/2	266.99	1/2	722.56	1/2	1,294.48	1/2	1,950.79	1/2	2,670.70	1/2	3,438.41	1/2	4,240.79	1/2	5,066.26	1/2	5,904.11	1/2	6,744.07
3/4	274.92	3/4	733.41	3/4	1,307.36	3/4	1,965.18	3/4	2,686.24	3/4	3,454.81	3/4	4,257.79	3/4	5,083.62	3/4	5,921.62	3/4	6,761.52

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 24800"

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	6,778.98	0	7,610.32	0	8,422.66	0	9,204.83	0	9,944.35	0	10,626.62	0	11,233.13	0	11,737.43	0	12,090.53	0	
1/4	6,796.41	1/4	7,627.46	1/4	8,439.29	1/4	9,220.69	1/4	9,959.17	1/4	10,640.05	1/4	11,244.72	1/4	11,746.48	1/4	12,095.34	1/4	
1/2	6,813.85	1/2	7,644.60	1/2	8,455.91	1/2	9,236.55	1/2	9,973.98	1/2	10,653.48	1/2	11,256.32	1/2	11,755.53	1/2	12,100.16	1/2	
3/4	6,831.28	3/4	7,661.74	3/4	8,472.53	3/4	9,252.41	3/4	9,988.80	3/4	10,666.92	3/4	11,267.92	3/4	11,764.58	3/4	12,104.98	3/4	
1	6,848.72	1	7,678.89	1	8,489.16	1	9,268.26	1	10,003.62	1	10,680.35	1	11,279.51	1	11,773.63	1	12,109.79	1	
1/4	6,866.14	1/4	7,695.99	1/4	8,505.73	1/4	9,284.05	1/4	10,018.33	1/4	10,693.65	1/4	11,290.93	1/4	11,782.41	1/4	12,114.05	1/4	
1/2	6,883.56	1/2	7,713.10	1/2	8,522.30	1/2	9,299.83	1/2	10,033.05	1/2	10,706.95	1/2	11,302.34	1/2	11,791.20	1/2	12,118.30	1/2	
3/4	6,900.98	3/4	7,730.21	3/4	8,538.87	3/4	9,315.62	3/4	10,047.76	3/4	10,720.25	3/4	11,313.76	3/4	11,799.99	3/4	12,122.55	3/4	
2	6,918.40	2	7,747.32	2	8,555.44	2	9,331.40	2	10,062.48	2	10,733.55	2	11,325.18	2	11,808.77	2	12,126.80	2	
1/4	6,935.80	1/4	7,764.39	1/4	8,571.95	1/4	9,347.11	1/4	10,077.09	1/4	10,746.71	1/4	11,336.41	1/4	11,817.29	1/4	12,130.39	1/4	
1/2	6,953.20	1/2	7,781.46	1/2	8,588.46	1/2	9,362.82	1/2	10,091.70	1/2	10,759.87	1/2	11,347.64	1/2	11,825.81	1/2	12,133.98	1/2	
3/4	6,970.61	3/4	7,798.53	3/4	8,604.98	3/4	9,378.52	3/4	10,106.31	3/4	10,773.03	3/4	11,358.87	3/4	11,834.32	3/4	12,137.57	3/4	
3	6,988.01	3	7,815.60	3	8,621.49	3	9,394.23	3	10,120.92	3	10,786.20	3	11,370.10	3	11,842.84	3	12,141.16	3	
1/4	7,005.39	1/4	7,832.64	1/4	8,637.95	1/4	9,409.86	1/4	10,135.43	1/4	10,799.22	1/4	11,381.15	1/4	11,851.07	1/4	12,143.94	1/4	
1/2	7,022.78	1/2	7,849.67	1/2	8,654.41	1/2	9,425.48	1/2	10,149.93	1/2	10,812.24	1/2	11,392.19	1/2	11,859.30	1/2	12,146.71	1/2	
3/4	7,040.16	3/4	7,866.71	3/4	8,670.86	3/4	9,441.11	3/4	10,164.44	3/4	10,825.26	3/4	11,403.23	3/4	11,867.53	3/4	12,149.48	3/4	
4	7,057.54	4	7,883.74	4	8,687.32	4	9,456.74	4	10,178.95	4	10,838.29	4	11,414.27	4	11,875.76	4	12,152.26	4	
1/4	7,074.90	1/4	7,900.74	1/4	8,703.72	1/4	9,472.28	1/4	10,193.34	1/4	10,851.17	1/4	11,425.12	1/4	11,883.70	1/4	12,153.77	1/4	
1/2	7,092.27	1/2	7,917.73	1/2	8,720.11	1/2	9,487.83	1/2	10,207.74	1/2	10,864.05	1/2	11,435.97	1/2	11,891.63	1/2	12,155.28	1/2	
3/4	7,109.63	3/4	7,934.73	3/4	8,736.51	3/4	9,503.37	3/4	10,222.14	3/4	10,876.92	3/4	11,446.81	3/4	11,899.57	3/4	12,156.79	3/4	
5	7,126.99	5	7,951.72	5	8,752.91	5	9,518.92	5	10,236.53	5	10,889.80	5	11,457.66	5	11,907.50	5	12,158.30	5	
1/4	7,144.33	1/4	7,968.68	1/4	8,769.25	1/4	9,534.38	1/4	10,250.82	1/4	10,902.54	1/4	11,468.31	1/4	11,915.13	1/4		1/4	
1/2	7,161.67	1/2	7,985.63	1/2	8,785.58	1/2	9,549.84	1/2	10,265.11	1/2	10,915.27	1/2	11,478.95	1/2	11,922.75	1/2		1/2	
3/4	7,179.01	3/4	8,002.59	3/4	8,801.92	3/4	9,565.30	3/4	10,279.39	3/4	10,928.00	3/4	11,489.60	3/4	11,930.38	3/4		3/4	
6	7,196.35	6	8,019.54	6	8,818.26	6	9,580.77	6	10,293.68	6	10,940.73	6	11,500.24	6	11,938.00	6		6	
1/4	7,213.67	1/4	8,036.45	1/4	8,834.53	1/4	9,596.14	1/4	10,307.85	1/4	10,953.31	1/4	11,510.68	1/4	11,945.30	1/4		1/4	
1/2	7,230.99	1/2	8,053.36	1/2	8,850.81	1/2	9,611.52	1/2	10,322.02	1/2	10,965.90	1/2	11,521.12	1/2	11,952.60	1/2		1/2	
3/4	7,248.30	3/4	8,070.28	3/4	8,867.08	3/4	9,626.89	3/4	10,336.20	3/4	10,978.48	3/4	11,531.56	3/4	11,959.89	3/4		3/4	
7	7,265.62	7	8,087.19	7	8,883.35	7	9,642.27	7	10,350.37	7	10,991.06	7	11,542.00	7	11,967.19	7		7	
1/4	7,282.91	1/4	8,104.06	1/4	8,899.56	1/4	9,657.56	1/4	10,364.42	1/4	11,003.49	1/4	11,552.23	1/4	11,974.14	1/4		1/4	
1/2	7,300.20	1/2	8,120.93	1/2	8,915.77	1/2	9,672.85	1/2	10,378.48	1/2	11,015.91	1/2	11,562.45	1/2	11,981.10	1/2		1/2	
3/4	7,317.49	3/4	8,137.79	3/4	8,931.98	3/4	9,688.14	3/4	10,392.54	3/4	11,028.34	3/4	11,572.68	3/4	11,988.05	3/4		3/4	
8	7,334.78	8	8,154.66	8	8,948.19	8	9,703.42	8	10,406.59	8	11,040.77	8	11,582.91	8	11,995.00	8		8	
1/4	7,352.05	1/4	8,171.48	1/4	8,964.34	1/4	9,718.62	1/4	10,420.53	1/4	11,053.04	1/4	11,592.91	1/4	12,001.59	1/4		1/4	
1/2	7,369.31	1/2	8,188.31	1/2	8,980.48	1/2	9,733.82	1/2	10,434.47	1/2	11,065.31	1/2	11,602.92	1/2	12,008.18	1/2		1/2	
3/4	7,386.58	3/4	8,205.13	3/4	8,996.62	3/4	9,749.02	3/4	10,448.40	3/4	11,077.58	3/4	11,612.92	3/4	12,014.76	3/4		3/4	
9	7,403.84	9	8,221.95	9	9,012.77	9	9,764.22	9	10,462.34	9	11,089.85	9	11,622.93	9	12,021.35	9		9	
1/4	7,421.08	1/4	8,238.73	1/4	9,028.84	1/4	9,779.32	1/4	10,476.16	1/4	11,101.96	1/4	11,632.71	1/4	12,027.55	1/4		1/4	
1/2	7,438.32	1/2	8,255.50	1/2	9,044.92	1/2	9,794.43	1/2	10,489.97	1/2	11,114.06	1/2	11,642.49	1/2	12,033.74	1/2		1/2	
3/4	7,455.55	3/4	8,272.28	3/4	9,060.99	3/4	9,809.54	3/4	10,503.79	3/4	11,126.17	3/4	11,652.27	3/4	12,039.94	3/4		3/4	
10	7,472.79	10	8,289.05	10	9,077.07	10	9,824.64	10	10,517.60	10	11,138.28	10	11,662.05	10	12,046.14	10		10	
1/4	7,489.99	1/4	8,305.78	1/4	9,093.07	1/4	9,839.65	1/4	10,531.29	1/4	11,150.22	1/4	11,671.59	1/4	12,051.91	1/4		1/4	
1/2	7,507.20	1/2	8,322.51	1/2	9,109.08	1/2	9,854.67	1/2	10,544.98	1/2	11,162.16	1/2	11,681.14	1/2	12,057.69	1/2		1/2	
3/4	7,524.41	3/4	8,339.23	3/4	9,125.09	3/4	9,869.68	3/4	10,558.68	3/4	11,174.10	3/4	11,690.68	3/4	12,063.47	3/4		3/4	
11	7,541.61	11	8,355.96	11	9,141.09	11	9,884.69	11	10,572.37	11	11,186.04	11	11,700.22	11	12,069.24	11		11	
1/4	7,558.79	1/4	8,372.63	1/4	9,157.02	1/4	9,899.60	1/4	10,585.93	1/4	11,197.81	1/4	11,709.53	1/4	12,074.56	1/4		1/4	
1/2	7,575.97	1/2	8,389.31	1/2	9,172.96	1/2	9,914.52	1/2	10,599.49	1/2	11,209.59	1/2	11,718.83	1/2	12,079.89	1/2		1/2	
3/4	7,593.14	3/4	8,405.99	3/4	9,188.89	3/4	9,929.44	3/4	10,613.06	3/4	11,221.36	3/4	11,728.13	3/4	12,085.21	3/4		3/4	

STRAPPED: 09/30/2025 JS
CALCULATED: 09/30/2025 CL
PRINTED: 09/30/2025 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2025

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 24800"

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	6.42	0	283.09	0	744.86	0	1,321.29	0	1,981.13	0	2,703.87	0	3,473.84	0	4,277.99	0	5,104.78	0	5,943.52
1/4	9.20	1/4	291.33	1/4	755.91	1/4	1,334.32	1/4	1,995.65	1/4	2,719.51	1/4	3,490.31	1/4	4,295.04	1/4	5,122.18	1/4	5,961.05
1/2	11.98	1/2	299.56	1/2	766.96	1/2	1,347.36	1/2	2,010.16	1/2	2,735.15	1/2	3,506.78	1/2	4,312.09	1/2	5,139.57	1/2	5,978.58
3/4	14.75	3/4	307.80	3/4	778.01	3/4	1,360.39	3/4	2,024.68	3/4	2,750.78	3/4	3,523.25	3/4	4,329.13	3/4	5,156.97	3/4	5,996.11
1	17.53	1	316.03	1	789.07	1	1,373.42	1	2,039.19	1	2,766.42	1	3,539.72	1	4,346.18	1	5,174.36	1	6,013.63
1/4	21.12	1/4	324.55	1/4	800.31	1/4	1,386.59	1/4	2,053.82	1/4	2,782.14	1/4	3,556.24	1/4	4,363.26	1/4	5,191.78	1/4	6,031.16
1/2	24.72	1/2	333.06	1/2	811.55	1/2	1,399.77	1/2	2,068.44	1/2	2,797.86	1/2	3,572.77	1/2	4,380.35	1/2	5,209.19	1/2	6,048.69
3/4	28.31	3/4	341.58	3/4	822.79	3/4	1,412.94	3/4	2,083.06	3/4	2,813.58	3/4	3,589.29	3/4	4,397.43	3/4	5,226.61	3/4	6,066.22
2	31.91	2	350.10	2	834.03	2	1,426.11	2	2,097.68	2	2,829.29	2	3,605.82	2	4,414.52	2	5,244.02	2	6,083.75
1/4	36.16	1/4	358.89	1/4	845.45	1/4	1,439.42	1/4	2,112.41	1/4	2,845.09	1/4	3,622.40	1/4	4,431.64	1/4	5,261.45	1/4	6,101.28
1/2	40.42	1/2	367.68	1/2	856.88	1/2	1,452.73	1/2	2,127.14	1/2	2,860.89	1/2	3,638.98	1/2	4,448.76	1/2	5,278.89	1/2	6,118.81
3/4	44.67	3/4	376.47	3/4	868.30	3/4	1,466.04	3/4	2,141.86	3/4	2,876.68	3/4	3,655.57	3/4	4,465.88	3/4	5,296.32	3/4	6,136.34
3	48.92	3	385.26	3	879.73	3	1,479.35	3	2,156.59	3	2,892.48	3	3,672.15	3	4,483.00	3	5,313.75	3	6,153.87
1/4	53.75	1/4	394.31	1/4	891.33	1/4	1,492.79	1/4	2,171.42	1/4	2,908.35	1/4	3,688.78	1/4	4,500.15	1/4	5,331.20	1/4	6,171.40
1/2	58.57	1/2	403.36	1/2	902.94	1/2	1,506.23	1/2	2,186.24	1/2	2,924.22	1/2	3,705.42	1/2	4,517.31	1/2	5,348.65	1/2	6,188.92
3/4	63.39	3/4	412.42	3/4	914.54	3/4	1,519.68	3/4	2,201.07	3/4	2,940.09	3/4	3,722.05	3/4	4,534.46	3/4	5,366.10	3/4	6,206.45
4	68.21	4	421.47	4	926.15	4	1,533.12	4	2,215.90	4	2,955.96	4	3,738.69	4	4,551.62	4	5,383.54	4	6,223.98
1/4	73.53	1/4	430.77	1/4	937.93	1/4	1,546.69	1/4	2,230.82	1/4	2,971.91	1/4	3,755.38	1/4	4,568.80	1/4	5,401.01	1/4	6,241.51
1/2	78.86	1/2	440.08	1/2	949.71	1/2	1,560.27	1/2	2,245.75	1/2	2,987.85	1/2	3,772.06	1/2	4,585.99	1/2	5,418.47	1/2	6,259.03
3/4	84.18	3/4	449.38	3/4	961.49	3/4	1,573.84	3/4	2,260.68	3/4	3,003.80	3/4	3,788.75	3/4	4,603.18	3/4	5,435.93	3/4	6,276.56
5	89.51	5	458.68	5	973.27	5	1,587.41	5	2,275.60	5	3,019.74	5	3,805.44	5	4,620.36	5	5,453.40	5	6,294.08
1/4	95.29	1/4	468.24	1/4	985.22	1/4	1,601.12	1/4	2,290.63	1/4	3,035.76	1/4	3,822.18	1/4	4,637.58	1/4	5,470.87	1/4	6,311.60
1/2	101.07	1/2	477.79	1/2	997.17	1/2	1,614.82	1/2	2,305.65	1/2	3,051.78	1/2	3,838.92	1/2	4,654.80	1/2	5,488.35	1/2	6,329.12
3/4	106.85	3/4	487.34	3/4	1,009.12	3/4	1,628.52	3/4	2,320.67	3/4	3,067.80	3/4	3,855.66	3/4	4,672.02	3/4	5,505.83	3/4	6,346.64
6	112.63	6	496.89	6	1,021.07	6	1,642.22	6	2,335.69	6	3,083.81	6	3,872.39	6	4,689.24	6	5,523.30	6	6,364.16
1/4	118.84	1/4	506.68	1/4	1,033.19	1/4	1,656.05	1/4	2,350.81	1/4	3,099.90	1/4	3,889.18	1/4	4,706.49	1/4	5,540.79	1/4	6,381.68
1/2	125.04	1/2	516.46	1/2	1,045.31	1/2	1,669.87	1/2	2,365.93	1/2	3,115.99	1/2	3,905.97	1/2	4,723.74	1/2	5,558.28	1/2	6,399.19
3/4	131.24	3/4	526.25	3/4	1,057.42	3/4	1,683.70	3/4	2,381.05	3/4	3,132.07	3/4	3,922.76	3/4	4,740.99	3/4	5,575.77	3/4	6,416.71
7	137.44	7	536.04	7	1,069.54	7	1,697.52	7	2,396.16	7	3,148.16	7	3,939.54	7	4,758.23	7	5,593.26	7	6,434.22
1/4	144.03	1/4	546.05	1/4	1,081.82	1/4	1,711.47	1/4	2,411.37	1/4	3,164.32	1/4	3,956.38	1/4	4,775.51	1/4	5,610.76	1/4	6,451.73
1/2	150.63	1/2	556.07	1/2	1,094.10	1/2	1,725.42	1/2	2,426.58	1/2	3,180.47	1/2	3,973.21	1/2	4,792.79	1/2	5,628.25	1/2	6,469.24
3/4	157.22	3/4	566.08	3/4	1,106.38	3/4	1,739.37	3/4	2,441.79	3/4	3,196.63	3/4	3,990.05	3/4	4,810.07	3/4	5,645.75	3/4	6,486.74
8	163.81	8	576.09	8	1,118.66	8	1,753.31	8	2,457.00	8	3,212.78	8	4,006.88	8	4,827.34	8	5,663.25	8	6,504.25
1/4	170.77	1/4	586.33	1/4	1,131.09	1/4	1,767.38	1/4	2,472.30	1/4	3,229.00	1/4	4,023.76	1/4	4,844.65	1/4	5,680.76	1/4	6,521.75
1/2	177.73	1/2	596.56	1/2	1,143.53	1/2	1,781.45	1/2	2,487.60	1/2	3,245.22	1/2	4,040.64	1/2	4,861.95	1/2	5,698.27	1/2	6,539.25
3/4	184.69	3/4	606.80	3/4	1,155.97	3/4	1,795.51	3/4	2,502.90	3/4	3,261.45	3/4	4,057.52	3/4	4,879.25	3/4	5,715.77	3/4	6,556.75
9	191.65	9	617.03	9	1,168.40	9	1,809.58	9	2,518.20	9	3,277.67	9	4,074.40	9	4,896.56	9	5,733.28	9	6,574.25
1/4	198.94	1/4	627.48	1/4	1,181.00	1/4	1,823.76	1/4	2,533.59	1/4	3,293.95	1/4	4,091.33	1/4	4,913.89	1/4	5,750.79	1/4	6,591.73
1/2	206.24	1/2	637.93	1/2	1,193.59	1/2	1,837.95	1/2	2,548.97	1/2	3,310.24	1/2	4,108.25	1/2	4,931.21	1/2	5,768.31	1/2	6,609.22
3/4	213.54	3/4	648.37	3/4	1,206.18	3/4	1,852.13	3/4	2,564.36	3/4	3,326.52	3/4	4,125.18	3/4	4,948.54	3/4	5,785.82	3/4	6,626.71
10	220.84	10	658.82	10	1,218.77	10	1,866.31	10	2,579.75	10	3,342.81	10	4,142.10	10	4,965.87	10	5,803.34	10	6,644.20
1/4	228.47	1/4	669.48	1/4	1,231.51	1/4	1,880.61	1/4	2,595.22	1/4	3,359.16	1/4	4,159.07	1/4	4,983.22	1/4	5,820.86	1/4	6,661.68
1/2	236.09	1/2	680.13	1/2	1,244.25	1/2	1,894.90	1/2	2,610.69	1/2	3,375.51	1/2	4,176.03	1/2	5,000.58	1/2	5,838.38	1/2	6,679.15
3/4	243.72	3/4	690.79	3/4	1,257.00	3/4	1,909.20	3/4	2,626.17	3/4	3,391.86	3/4	4,193.00	3/4	5,017.93	3/4	5,855.90	3/4	6,696.63
11	251.35	11	701.44	11	1,269.74	11	1,923.50	11	2,641.64	11	3,408.20	11	4,209.97	11	5,035.28	11	5,873.42	11	6,714.10
1/4	259.28	1/4	712.30	1/4	1,282.63	1/4	1,937.91	1/4	2,657.20	1/4	3,424.61	1/4	4,226.97	1/4	5,052.66	1/4	5,890.95	1/4	6,731.57
1/2	267.22	1/2	723.15	1/2	1,295.51	1/2	1,952.31	1/2	2,672.75	1/2	3,441.02	1/2	4,243.98	1/2	5,070.03	1/2	5,908.47	1/2	6,749.03
3/4	275.16	3/4	734.01	3/4	1,308.40	3/4	1,966.72	3/4	2,688.31	3/4	3,457.43	3/4	4,260.99	3/4	5,087.41	3/4	5,926.00	3/4	6,766.49

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 24800"

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	6,783.96	0	7,615.89	0	8,428.81	0	9,211.54	0	9,951.60	0	10,634.38	0	11,241.35	0	11,746.05	0	12,099.44	0	
1/4	6,801.41	1/4	7,633.04	1/4	8,445.45	1/4	9,227.41	1/4	9,966.43	1/4	10,647.82	1/4	11,252.96	1/4	11,755.11	1/4	12,104.26	1/4	
1/2	6,818.85	1/2	7,650.20	1/2	8,462.08	1/2	9,243.28	1/2	9,981.26	1/2	10,661.27	1/2	11,264.56	1/2	11,764.17	1/2	12,109.09	1/2	
3/4	6,836.30	3/4	7,667.35	3/4	8,478.72	3/4	9,259.15	3/4	9,996.09	3/4	10,674.71	3/4	11,276.17	3/4	11,773.22	3/4	12,113.91	3/4	
1	6,853.75	1	7,684.50	1	8,495.35	1	9,275.02	1	10,010.91	1	10,688.15	1	11,287.77	1	11,782.28	1	12,118.73	1	
1/4	6,871.18	1/4	7,701.62	1/4	8,511.94	1/4	9,290.82	1/4	10,025.64	1/4	10,701.46	1/4	11,299.20	1/4	11,791.07	1/4	12,122.98	1/4	
1/2	6,888.62	1/2	7,718.74	1/2	8,528.52	1/2	9,306.62	1/2	10,040.37	1/2	10,714.77	1/2	11,310.62	1/2	11,799.87	1/2	12,127.24	1/2	
3/4	6,906.05	3/4	7,735.86	3/4	8,545.10	3/4	9,322.41	3/4	10,055.09	3/4	10,728.08	3/4	11,322.05	3/4	11,808.66	3/4	12,131.49	3/4	
2	6,923.48	2	7,752.98	2	8,561.68	2	9,338.21	2	10,069.82	2	10,741.39	2	11,333.47	2	11,817.46	2	12,135.75	2	
1/4	6,940.90	1/4	7,770.07	1/4	8,578.21	1/4	9,353.93	1/4	10,084.44	1/4	10,754.56	1/4	11,344.71	1/4	11,825.98	1/4	12,139.34	1/4	
1/2	6,958.31	1/2	7,787.15	1/2	8,594.73	1/2	9,369.64	1/2	10,099.06	1/2	10,767.74	1/2	11,355.96	1/2	11,834.50	1/2	12,142.94	1/2	
3/4	6,975.73	3/4	7,804.24	3/4	8,611.26	3/4	9,385.36	3/4	10,113.69	3/4	10,780.91	3/4	11,367.20	3/4	11,843.02	3/4	12,146.53	3/4	
3	6,993.14	3	7,821.32	3	8,627.78	3	9,401.08	3	10,128.31	3	10,794.08	3	11,378.44	3	11,851.55	3	12,150.13	3	
1/4	7,010.54	1/4	7,838.37	1/4	8,644.25	1/4	9,416.72	1/4	10,142.82	1/4	10,807.11	1/4	11,389.49	1/4	11,859.78	1/4	12,152.90	1/4	
1/2	7,027.93	1/2	7,855.41	1/2	8,660.72	1/2	9,432.36	1/2	10,157.34	1/2	10,820.14	1/2	11,400.54	1/2	11,868.02	1/2	12,155.68	1/2	
3/4	7,045.33	3/4	7,872.46	3/4	8,677.19	3/4	9,447.99	3/4	10,171.86	3/4	10,833.18	3/4	11,411.59	3/4	11,876.26	3/4	12,158.45	3/4	
4	7,062.72	4	7,889.51	4	8,693.66	4	9,463.63	4	10,186.37	4	10,846.21	4	11,422.64	4	11,884.50	4	12,161.23	4	
1/4	7,080.10	1/4	7,906.51	1/4	8,710.07	1/4	9,479.19	1/4	10,200.78	1/4	10,859.10	1/4	11,433.49	1/4	11,892.44	1/4	12,162.74	1/4	
1/2	7,097.47	1/2	7,923.52	1/2	8,726.48	1/2	9,494.75	1/2	10,215.19	1/2	10,871.99	1/2	11,444.35	1/2	11,900.38	1/2	12,164.25	1/2	
3/4	7,114.85	3/4	7,940.53	3/4	8,742.89	3/4	9,510.30	3/4	10,229.60	3/4	10,884.88	3/4	11,455.21	3/4	11,908.32	3/4	12,165.77	3/4	
5	7,132.22	5	7,957.54	5	8,759.30	5	9,525.86	5	10,244.00	5	10,897.76	5	11,466.06	5	11,916.27	5	12,167.28	5	
1/4	7,149.57	1/4	7,974.50	1/4	8,775.65	1/4	9,541.33	1/4	10,258.30	1/4	10,910.51	1/4	11,476.72	1/4	11,923.90	1/4		1/4	
1/2	7,166.93	1/2	7,991.47	1/2	8,791.99	1/2	9,556.81	1/2	10,272.60	1/2	10,923.25	1/2	11,487.37	1/2	11,931.53	1/2		1/2	
3/4	7,184.28	3/4	8,008.44	3/4	8,808.34	3/4	9,572.28	3/4	10,286.89	3/4	10,935.99	3/4	11,498.03	3/4	11,939.16	3/4		3/4	
6	7,201.63	6	8,025.40	6	8,824.69	6	9,587.75	6	10,301.19	6	10,948.73	6	11,508.68	6	11,946.79	6		6	
1/4	7,218.96	1/4	8,042.33	1/4	8,840.98	1/4	9,603.14	1/4	10,315.37	1/4	10,961.32	1/4	11,519.13	1/4	11,954.09	1/4		1/4	
1/2	7,236.29	1/2	8,059.25	1/2	8,857.26	1/2	9,618.53	1/2	10,329.56	1/2	10,973.92	1/2	11,529.57	1/2	11,961.40	1/2		1/2	
3/4	7,253.62	3/4	8,076.18	3/4	8,873.55	3/4	9,633.92	3/4	10,343.74	3/4	10,986.51	3/4	11,540.02	3/4	11,968.70	3/4		3/4	
7	7,270.95	7	8,093.10	7	8,889.83	7	9,649.30	7	10,357.92	7	10,999.10	7	11,550.47	7	11,976.00	7		7	
1/4	7,288.25	1/4	8,109.98	1/4	8,906.06	1/4	9,664.60	1/4	10,371.99	1/4	11,011.54	1/4	11,560.70	1/4	11,982.96	1/4		1/4	
1/2	7,305.55	1/2	8,126.86	1/2	8,922.28	1/2	9,679.90	1/2	10,386.06	1/2	11,023.97	1/2	11,570.94	1/2	11,989.92	1/2		1/2	
3/4	7,322.86	3/4	8,143.74	3/4	8,938.50	3/4	9,695.20	3/4	10,400.12	3/4	11,036.41	3/4	11,581.17	3/4	11,996.88	3/4		3/4	
8	7,340.16	8	8,160.62	8	8,954.72	8	9,710.50	8	10,414.19	8	11,048.85	8	11,591.41	8	12,003.84	8		8	
1/4	7,357.44	1/4	8,177.45	1/4	8,970.88	1/4	9,725.71	1/4	10,428.14	1/4	11,061.13	1/4	11,601.42	1/4	12,010.43	1/4		1/4	
1/2	7,374.71	1/2	8,194.29	1/2	8,987.03	1/2	9,740.92	1/2	10,442.08	1/2	11,073.40	1/2	11,611.44	1/2	12,017.02	1/2		1/2	
3/4	7,391.99	3/4	8,211.12	3/4	9,003.19	3/4	9,756.13	3/4	10,456.03	3/4	11,085.68	3/4	11,621.45	3/4	12,023.62	3/4		3/4	
9	7,409.27	9	8,227.96	9	9,019.34	9	9,771.34	9	10,469.98	9	11,097.96	9	11,631.46	9	12,030.21	9		9	
1/4	7,426.52	1/4	8,244.75	1/4	9,035.43	1/4	9,786.46	1/4	10,483.81	1/4	11,110.08	1/4	11,641.25	1/4	12,036.41	1/4		1/4	
1/2	7,443.76	1/2	8,261.53	1/2	9,051.52	1/2	9,801.57	1/2	10,497.63	1/2	11,122.20	1/2	11,651.04	1/2	12,042.61	1/2		1/2	
3/4	7,461.01	3/4	8,278.32	3/4	9,067.60	3/4	9,816.69	3/4	10,511.46	3/4	11,134.31	3/4	11,660.82	3/4	12,048.82	3/4		3/4	
10	7,478.26	10	8,295.11	10	9,083.69	10	9,831.81	10	10,525.28	10	11,146.43	10	11,670.61	10	12,055.02	10		10	
1/4	7,495.48	1/4	8,311.85	1/4	9,099.71	1/4	9,846.83	1/4	10,538.98	1/4	11,158.38	1/4	11,680.16	1/4	12,060.80	1/4		1/4	
1/2	7,512.70	1/2	8,328.58	1/2	9,115.72	1/2	9,861.85	1/2	10,552.68	1/2	11,170.33	1/2	11,689.71	1/2	12,066.58	1/2		1/2	
3/4	7,529.92	3/4	8,345.32	3/4	9,131.74	3/4	9,876.88	3/4	10,566.39	3/4	11,182.28	3/4	11,699.27	3/4	12,072.36	3/4		3/4	
11	7,547.14	11	8,362.06	11	9,147.76	11	9,891.90	11	10,580.09	11	11,194.23	11	11,708.82	11	12,078.14	11		11	
1/4	7,564.32	1/4	8,378.75	1/4	9,163.70	1/4	9,906.83	1/4	10,593.66	1/4	11,206.01	1/4	11,718.13	1/4	12,083.47	1/4		1/4	
1/2	7,581.51	1/2	8,395.44	1/2	9,179.65	1/2	9,921.75	1/2	10,607.23	1/2	11,217.79	1/2	11,727.44	1/2	12,088.79	1/2		1/2	
3/4	7,598.70	3/4	8,412.12	3/4	9,195.59	3/4	9,936.68	3/4	10,620.81	3/4	11,229.57	3/4	11,736.74	3/4	12,094.12	3/4		3/4	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2025

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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