



# BARGE "KIRBY 16826"

## PORT HORIZONTAL

### INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SHOSHONE"

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	187.99	0	524.94	0	949.85	0	1,437.14	0	1,970.41	0	2,537.05	0	3,126.48	0	3,729.20	0	4,336.29
1/4	1.27	1/4	193.90	1/4	533.07	1/4	959.47	1/4	1,447.86	1/4	1,981.93	1/4	2,549.15	1/4	3,138.94	1/4	3,741.83	1/4	4,348.92
1/2	2.41	1/2	199.81	1/2	541.20	1/2	969.09	1/2	1,458.58	1/2	1,993.46	1/2	2,561.25	1/2	3,151.40	1/2	3,754.47	1/2	4,361.55
3/4	3.55	3/4	205.72	3/4	549.32	3/4	978.72	3/4	1,469.30	3/4	2,004.98	3/4	2,573.34	3/4	3,163.86	3/4	3,767.11	3/4	4,374.18
1	4.70	1	211.62	1	557.45	1	988.34	1	1,480.02	1	2,016.51	1	2,585.44	1	3,176.32	1	3,779.74	1	4,386.80
1/4	6.79	1/4	217.75	1/4	565.72	1/4	998.06	1/4	1,490.81	1/4	2,028.09	1/4	2,597.57	1/4	3,188.81	1/4	3,792.39	1/4	4,399.42
1/2	8.87	1/2	223.88	1/2	573.99	1/2	1,007.79	1/2	1,501.61	1/2	2,039.67	1/2	2,609.71	1/2	3,201.29	1/2	3,805.03	1/2	4,412.04
3/4	10.96	3/4	230.01	3/4	582.27	3/4	1,017.52	3/4	1,512.40	3/4	2,051.25	3/4	2,621.84	3/4	3,213.77	3/4	3,817.67	3/4	4,424.66
2	13.05	2	236.14	2	590.54	2	1,027.24	2	1,523.20	2	2,062.84	2	2,633.97	2	3,226.25	2	3,830.31	2	4,437.28
1/4	15.76	1/4	242.51	1/4	598.95	1/4	1,037.07	1/4	1,534.07	1/4	2,074.47	1/4	2,646.15	1/4	3,238.76	1/4	3,842.96	1/4	4,449.89
1/2	18.46	1/2	248.88	1/2	607.36	1/2	1,046.90	1/2	1,544.94	1/2	2,086.11	1/2	2,658.32	1/2	3,251.26	1/2	3,855.61	1/2	4,462.50
3/4	21.17	3/4	255.24	3/4	615.77	3/4	1,056.73	3/4	1,555.81	3/4	2,097.74	3/4	2,670.49	3/4	3,263.76	3/4	3,868.26	3/4	4,475.11
3	23.87	3	261.61	3	624.18	3	1,066.56	3	1,566.69	3	2,109.38	3	2,682.66	3	3,276.27	3	3,880.90	3	4,487.72
1/4	27.07	1/4	268.21	1/4	632.73	1/4	1,076.49	1/4	1,577.63	1/4	2,121.07	1/4	2,694.86	1/4	3,288.79	1/4	3,893.55	1/4	4,500.32
1/2	30.27	1/2	274.80	1/2	641.28	1/2	1,086.41	1/2	1,588.58	1/2	2,132.76	1/2	2,707.07	1/2	3,301.31	1/2	3,906.21	1/2	4,512.92
3/4	33.47	3/4	281.40	3/4	649.83	3/4	1,096.34	3/4	1,599.52	3/4	2,144.45	3/4	2,719.28	3/4	3,313.83	3/4	3,918.86	3/4	4,525.52
4	36.67	4	287.99	4	658.38	4	1,106.27	4	1,610.47	4	2,156.13	4	2,731.48	4	3,326.36	4	3,931.51	4	4,538.11
1/4	40.29	1/4	294.78	1/4	667.06	1/4	1,116.29	1/4	1,621.48	1/4	2,167.87	1/4	2,743.72	1/4	3,338.90	1/4	3,944.16	1/4	4,550.70
1/2	43.91	1/2	301.58	1/2	675.74	1/2	1,126.32	1/2	1,632.50	1/2	2,179.61	1/2	2,755.96	1/2	3,351.44	1/2	3,956.82	1/2	4,563.29
3/4	47.54	3/4	308.37	3/4	684.42	3/4	1,136.34	3/4	1,643.51	3/4	2,191.35	3/4	2,768.20	3/4	3,363.98	3/4	3,969.47	3/4	4,575.87
5	51.16	5	315.16	5	693.10	5	1,146.37	5	1,654.53	5	2,203.09	5	2,780.44	5	3,376.52	5	3,982.12	5	4,588.46
1/4	55.16	1/4	322.14	1/4	701.91	1/4	1,156.49	1/4	1,665.62	1/4	2,214.88	1/4	2,792.71	1/4	3,389.07	1/4	3,994.78	1/4	4,601.03
1/2	59.16	1/2	329.12	1/2	710.72	1/2	1,166.61	1/2	1,676.70	1/2	2,226.67	1/2	2,804.99	1/2	3,401.63	1/2	4,007.43	1/2	4,613.60
3/4	63.17	3/4	336.09	3/4	719.53	3/4	1,176.73	3/4	1,687.79	3/4	2,238.46	3/4	2,817.26	3/4	3,414.19	3/4	4,020.09	3/4	4,626.17
6	67.17	6	343.07	6	728.34	6	1,186.84	6	1,698.88	6	2,250.25	6	2,829.53	6	3,426.74	6	4,032.74	6	4,638.74
1/4	71.51	1/4	350.23	1/4	737.27	1/4	1,197.06	1/4	1,710.03	1/4	2,262.09	1/4	2,841.83	1/4	3,439.31	1/4	4,045.40	1/4	4,651.30
1/2	75.85	1/2	357.39	1/2	746.20	1/2	1,207.27	1/2	1,721.18	1/2	2,273.93	1/2	2,854.14	1/2	3,451.89	1/2	4,058.05	1/2	4,663.86
3/4	80.20	3/4	364.55	3/4	755.14	3/4	1,217.48	3/4	1,732.34	3/4	2,285.77	3/4	2,866.44	3/4	3,464.46	3/4	4,070.71	3/4	4,676.41
7	84.54	7	371.71	7	764.07	7	1,227.69	7	1,743.49	7	2,297.61	7	2,878.74	7	3,477.03	7	4,083.36	7	4,688.97
1/4	89.20	1/4	379.05	1/4	773.13	1/4	1,237.99	1/4	1,754.71	1/4	2,309.49	1/4	2,891.08	1/4	3,489.62	1/4	4,096.02	1/4	4,701.51
1/2	93.86	1/2	386.38	1/2	782.19	1/2	1,248.29	1/2	1,765.93	1/2	2,321.38	1/2	2,903.41	1/2	3,502.20	1/2	4,108.67	1/2	4,714.05
3/4	98.52	3/4	393.72	3/4	791.25	3/4	1,258.59	3/4	1,777.15	3/4	2,333.26	3/4	2,915.74	3/4	3,514.79	3/4	4,121.33	3/4	4,726.59
8	103.17	8	401.05	8	800.30	8	1,268.90	8	1,788.37	8	2,345.15	8	2,928.07	8	3,527.37	8	4,133.98	8	4,739.13
1/4	108.10	1/4	408.55	1/4	809.48	1/4	1,279.29	1/4	1,799.66	1/4	2,357.08	1/4	2,940.44	1/4	3,539.97	1/4	4,146.63	1/4	4,751.65
1/2	113.02	1/2	416.06	1/2	818.65	1/2	1,289.67	1/2	1,810.94	1/2	2,369.01	1/2	2,952.80	1/2	3,552.57	1/2	4,159.28	1/2	4,764.18
3/4	117.95	3/4	423.56	3/4	827.83	3/4	1,300.06	3/4	1,822.23	3/4	2,380.94	3/4	2,965.16	3/4	3,565.17	3/4	4,171.93	3/4	4,776.70
9	122.87	9	431.06	9	837.01	9	1,310.45	9	1,833.51	9	2,392.87	9	2,977.52	9	3,577.77	9	4,184.58	9	4,789.22
1/4	128.05	1/4	438.73	1/4	846.30	1/4	1,320.93	1/4	1,844.86	1/4	2,404.84	1/4	2,989.91	1/4	3,590.38	1/4	4,197.23	1/4	4,801.72
1/2	133.22	1/2	446.40	1/2	855.59	1/2	1,331.40	1/2	1,856.21	1/2	2,416.81	1/2	3,002.30	1/2	3,602.99	1/2	4,209.88	1/2	4,814.23
3/4	138.39	3/4	454.06	3/4	864.88	3/4	1,341.88	3/4	1,867.56	3/4	2,428.79	3/4	3,014.68	3/4	3,615.60	3/4	4,222.53	3/4	4,826.73
10	143.57	10	461.73	10	874.17	10	1,352.35	10	1,878.90	10	2,440.76	10	3,027.07	10	3,628.20	10	4,235.17	10	4,839.23
1/4	149.00	1/4	469.56	1/4	883.58	1/4	1,362.91	1/4	1,890.31	1/4	2,452.78	1/4	3,039.49	1/4	3,640.82	1/4	4,247.82	1/4	4,851.72
1/2	154.43	1/2	477.38	1/2	892.98	1/2	1,373.47	1/2	1,901.72	1/2	2,464.79	1/2	3,051.90	1/2	3,653.44	1/2	4,260.46	1/2	4,864.20
3/4	159.86	3/4	485.21	3/4	902.39	3/4	1,384.03	3/4	1,913.13	3/4	2,476.81	3/4	3,064.31	3/4	3,666.06	3/4	4,273.10	3/4	4,876.68
11	165.29	11	493.03	11	911.79	11	1,394.58	11	1,924.54	11	2,488.83	11	3,076.73	11	3,678.68	11	4,285.74	11	4,889.16
1/4	170.97	1/4	501.01	1/4	921.31	1/4	1,405.22	1/4	1,936.00	1/4	2,500.88	1/4	3,089.16	1/4	3,691.31	1/4	4,298.38	1/4	4,901.62
1/2	176.64	1/2	508.99	1/2	930.82	1/2	1,415.86	1/2	1,947.47	1/2	2,512.94	1/2	3,101.60	1/2	3,703.94	1/2	4,311.02	1/2	4,914.09
3/4	182.32	3/4	516.96	3/4	940.34	3/4	1,426.50	3/4	1,958.94	3/4	2,525.00	3/4	3,114.04	3/4	3,716.57	3/4	4,323.65	3/4	4,926.55

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.

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# BARGE "KIRBY 16826"

## PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SHOSHONE"

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	4,939.01	0	5,528.43	0	6,095.08	0	6,628.35	0	7,115.64	0	7,540.54	0	7,878.01	0	8,066.60	0		0	
1/4	4,951.45	1/4	5,540.49	1/4	6,106.55	1/4	6,638.99	1/4	7,125.15	1/4	7,548.52	1/4	7,883.74	1/4		1/4		1/4	
1/2	4,963.88	1/2	5,552.55	1/2	6,118.02	1/2	6,649.63	1/2	7,134.67	1/2	7,556.50	1/2	7,889.46	1/2		1/2		1/2	
3/4	4,976.32	3/4	5,564.61	3/4	6,129.48	3/4	6,660.26	3/4	7,144.18	3/4	7,564.48	3/4	7,895.19	3/4		3/4		3/4	
1	4,988.76	1	5,576.66	1	6,140.95	1	6,670.90	1	7,153.70	1	7,572.46	1	7,900.92	1		1		1	
1/4	5,001.17	1/4	5,588.68	1/4	6,152.36	1/4	6,681.46	1/4	7,163.10	1/4	7,580.28	1/4	7,906.40	1/4		1/4		1/4	
1/2	5,013.59	1/2	5,600.69	1/2	6,163.77	1/2	6,692.02	1/2	7,172.50	1/2	7,588.11	1/2	7,911.88	1/2		1/2		1/2	
3/4	5,026.00	3/4	5,612.71	3/4	6,175.18	3/4	6,702.58	3/4	7,181.91	3/4	7,595.93	3/4	7,917.37	3/4		3/4		3/4	
2	5,038.42	2	5,624.73	2	6,186.58	2	6,713.14	2	7,191.31	2	7,603.76	2	7,922.85	2		2		2	
1/4	5,050.80	1/4	5,636.70	1/4	6,197.93	1/4	6,723.61	1/4	7,200.61	1/4	7,611.42	1/4	7,928.08	1/4		1/4		1/4	
1/2	5,063.19	1/2	5,648.67	1/2	6,209.28	1/2	6,734.09	1/2	7,209.90	1/2	7,619.09	1/2	7,933.30	1/2		1/2		1/2	
3/4	5,075.58	3/4	5,660.65	3/4	6,220.63	3/4	6,744.56	3/4	7,219.19	3/4	7,626.76	3/4	7,938.53	3/4		3/4		3/4	
3	5,087.97	3	5,672.62	3	6,231.97	3	6,755.03	3	7,228.48	3	7,634.42	3	7,943.75	3		3		3	
1/4	5,100.33	1/4	5,684.55	1/4	6,243.26	1/4	6,765.42	1/4	7,237.66	1/4	7,641.93	1/4	7,948.70	1/4		1/4		1/4	
1/2	5,112.69	1/2	5,696.48	1/2	6,254.54	1/2	6,775.81	1/2	7,246.83	1/2	7,649.43	1/2	7,953.65	1/2		1/2		1/2	
3/4	5,125.05	3/4	5,708.41	3/4	6,265.83	3/4	6,786.20	3/4	7,256.01	3/4	7,656.93	3/4	7,958.60	3/4		3/4		3/4	
4	5,137.41	4	5,720.34	4	6,277.11	4	6,796.59	4	7,265.19	4	7,664.44	4	7,963.55	4		4		4	
1/4	5,149.75	1/4	5,732.23	1/4	6,288.33	1/4	6,806.89	1/4	7,274.24	1/4	7,671.77	1/4	7,968.21	1/4		1/4		1/4	
1/2	5,162.08	1/2	5,744.11	1/2	6,299.55	1/2	6,817.19	1/2	7,283.30	1/2	7,679.11	1/2	7,972.87	1/2		1/2		1/2	
3/4	5,174.41	3/4	5,756.00	3/4	6,310.77	3/4	6,827.50	3/4	7,292.36	3/4	7,686.44	3/4	7,977.53	3/4		3/4		3/4	
5	5,186.74	5	5,767.88	5	6,321.99	5	6,837.80	5	7,301.41	5	7,693.78	5	7,982.19	5		5		5	
1/4	5,199.05	1/4	5,779.72	1/4	6,333.15	1/4	6,848.01	1/4	7,310.35	1/4	7,700.94	1/4	7,986.53	1/4		1/4		1/4	
1/2	5,211.35	1/2	5,791.56	1/2	6,344.30	1/2	6,858.22	1/2	7,319.28	1/2	7,708.10	1/2	7,990.87	1/2		1/2		1/2	
3/4	5,223.65	3/4	5,803.40	3/4	6,355.46	3/4	6,868.43	3/4	7,328.22	3/4	7,715.25	3/4	7,995.22	3/4		3/4		3/4	
6	5,235.96	6	5,815.23	6	6,366.61	6	6,878.64	6	7,337.15	6	7,722.41	6	7,999.56	6		6		6	
1/4	5,248.23	1/4	5,827.02	1/4	6,377.70	1/4	6,888.76	1/4	7,345.96	1/4	7,729.39	1/4	8,003.56	1/4		1/4		1/4	
1/2	5,260.50	1/2	5,838.81	1/2	6,388.78	1/2	6,898.88	1/2	7,354.77	1/2	7,736.37	1/2	8,007.56	1/2		1/2		1/2	
3/4	5,272.77	3/4	5,850.60	3/4	6,399.87	3/4	6,909.00	3/4	7,363.58	3/4	7,743.35	3/4	8,011.57	3/4		3/4		3/4	
7	5,285.05	7	5,862.39	7	6,410.96	7	6,919.12	7	7,372.39	7	7,750.33	7	8,015.57	7		7		7	
1/4	5,297.29	1/4	5,874.13	1/4	6,421.97	1/4	6,929.14	1/4	7,381.07	1/4	7,757.12	1/4	8,019.19	1/4		1/4		1/4	
1/2	5,309.53	1/2	5,885.87	1/2	6,432.99	1/2	6,939.17	1/2	7,389.75	1/2	7,763.91	1/2	8,022.81	1/2		1/2		1/2	
3/4	5,321.77	3/4	5,897.61	3/4	6,444.01	3/4	6,949.19	3/4	7,398.43	3/4	7,770.70	3/4	8,026.44	3/4		3/4		3/4	
8	5,334.01	8	5,909.35	8	6,455.02	8	6,959.22	8	7,407.11	8	7,777.49	8	8,030.06	8		8		8	
1/4	5,346.21	1/4	5,921.04	1/4	6,465.97	1/4	6,969.15	1/4	7,415.66	1/4	7,784.09	1/4	8,033.26	1/4		1/4		1/4	
1/2	5,358.42	1/2	5,932.73	1/2	6,476.91	1/2	6,979.07	1/2	7,424.21	1/2	7,790.69	1/2	8,036.46	1/2		1/2		1/2	
3/4	5,370.62	3/4	5,944.42	3/4	6,487.86	3/4	6,989.00	3/4	7,432.76	3/4	7,797.28	3/4	8,039.66	3/4		3/4		3/4	
9	5,382.83	9	5,956.11	9	6,498.80	9	6,998.93	9	7,441.30	9	7,803.88	9	8,042.86	9		9		9	
1/4	5,395.00	1/4	5,967.74	1/4	6,509.67	1/4	7,008.76	1/4	7,449.72	1/4	7,810.27	1/4	8,045.56	1/4		1/4		1/4	
1/2	5,407.17	1/2	5,979.38	1/2	6,520.54	1/2	7,018.59	1/2	7,458.13	1/2	7,816.66	1/2	8,048.27	1/2		1/2		1/2	
3/4	5,419.34	3/4	5,991.02	3/4	6,531.42	3/4	7,028.41	3/4	7,466.54	3/4	7,823.06	3/4	8,050.97	3/4		3/4		3/4	
10	5,431.51	10	6,002.65	10	6,542.29	10	7,038.24	10	7,474.95	10	7,829.45	10	8,053.67	10		10		10	
1/4	5,443.65	1/4	6,014.23	1/4	6,553.08	1/4	7,047.97	1/4	7,483.22	1/4	7,835.63	1/4	8,055.76	1/4		1/4		1/4	
1/2	5,455.78	1/2	6,025.81	1/2	6,563.88	1/2	7,057.70	1/2	7,491.49	1/2	7,841.81	1/2	8,057.85	1/2		1/2		1/2	
3/4	5,467.92	3/4	6,037.40	3/4	6,574.68	3/4	7,067.42	3/4	7,499.76	3/4	7,847.99	3/4	8,059.94	3/4		3/4		3/4	
11	5,480.05	11	6,048.98	11	6,585.47	11	7,077.15	11	7,508.04	11	7,854.17	11	8,062.03	11		11		11	
1/4	5,492.15	1/4	6,060.50	1/4	6,596.19	1/4	7,086.77	1/4	7,516.16	1/4	7,860.13	1/4	8,063.18	1/4		1/4		1/4	
1/2	5,504.24	1/2	6,072.03	1/2	6,606.91	1/2	7,096.39	1/2	7,524.29	1/2	7,866.09	1/2	8,064.32	1/2		1/2		1/2	
3/4	5,516.34	3/4	6,083.55	3/4	6,617.63	3/4	7,106.01	3/4	7,532.42	3/4	7,872.05	3/4	8,065.46	3/4		3/4		3/4	

STRAPPED: 08/28/2014 CL  
CALCULATED: 08/29/2014 CL  
NAME CHANGE: 10/18/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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 16826"

## STBD HORIZONTAL

### INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SHOSHONE"

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	188.08	0	525.20	0	950.34	0	1,437.91	0	1,971.48	0	2,538.46	0	3,128.25	0	3,731.33	0	4,338.79
1/4	1.27	1/4	193.99	1/4	533.33	1/4	959.97	1/4	1,448.63	1/4	1,983.01	1/4	2,550.57	1/4	3,140.71	1/4	3,743.97	1/4	4,351.43
1/2	2.41	1/2	199.90	1/2	541.47	1/2	969.59	1/2	1,459.36	1/2	1,994.55	1/2	2,562.67	1/2	3,153.18	1/2	3,756.62	1/2	4,364.06
3/4	3.55	3/4	205.81	3/4	549.60	3/4	979.22	3/4	1,470.08	3/4	2,006.08	3/4	2,574.77	3/4	3,165.65	3/4	3,769.26	3/4	4,376.70
1	4.70	1	211.72	1	557.73	1	988.85	1	1,480.81	1	2,017.61	1	2,586.88	1	3,178.12	1	3,781.91	1	4,389.34
1/4	6.79	1/4	217.86	1/4	566.00	1/4	998.58	1/4	1,491.61	1/4	2,029.20	1/4	2,599.02	1/4	3,190.61	1/4	3,794.56	1/4	4,401.96
1/2	8.88	1/2	223.99	1/2	574.28	1/2	1,008.31	1/2	1,502.41	1/2	2,040.79	1/2	2,611.16	1/2	3,203.10	1/2	3,807.21	1/2	4,414.59
3/4	10.97	3/4	230.12	3/4	582.56	3/4	1,018.04	3/4	1,513.21	3/4	2,052.38	3/4	2,623.30	3/4	3,215.59	3/4	3,819.86	3/4	4,427.22
2	13.06	2	236.25	2	590.83	2	1,027.78	2	1,524.01	2	2,063.96	2	2,635.44	2	3,228.08	2	3,832.51	2	4,439.84
1/4	15.76	1/4	242.62	1/4	599.25	1/4	1,037.61	1/4	1,534.89	1/4	2,075.61	1/4	2,647.62	1/4	3,240.59	1/4	3,845.16	1/4	4,452.46
1/2	18.47	1/2	248.99	1/2	607.66	1/2	1,047.44	1/2	1,545.77	1/2	2,087.25	1/2	2,659.80	1/2	3,253.10	1/2	3,857.82	1/2	4,465.08
3/4	21.18	3/4	255.36	3/4	616.08	3/4	1,057.28	3/4	1,556.65	3/4	2,098.89	3/4	2,671.98	3/4	3,265.61	3/4	3,870.47	3/4	4,477.70
3	23.88	3	261.73	3	624.50	3	1,067.11	3	1,567.53	3	2,110.54	3	2,684.16	3	3,278.12	3	3,883.13	3	4,490.31
1/4	27.08	1/4	268.33	1/4	633.05	1/4	1,077.05	1/4	1,578.48	1/4	2,122.23	1/4	2,696.37	1/4	3,290.65	1/4	3,895.79	1/4	4,502.92
1/2	30.28	1/2	274.93	1/2	641.60	1/2	1,086.98	1/2	1,589.43	1/2	2,133.93	1/2	2,708.58	1/2	3,303.18	1/2	3,908.44	1/2	4,515.53
3/4	33.48	3/4	281.53	3/4	650.15	3/4	1,096.91	3/4	1,600.38	3/4	2,145.62	3/4	2,720.80	3/4	3,315.71	3/4	3,921.10	3/4	4,528.13
4	36.68	4	288.13	4	658.71	4	1,106.85	4	1,611.33	4	2,157.32	4	2,733.01	4	3,328.24	4	3,933.76	4	4,540.74
1/4	40.31	1/4	294.92	1/4	667.39	1/4	1,116.88	1/4	1,622.35	1/4	2,169.07	1/4	2,745.26	1/4	3,340.79	1/4	3,946.42	1/4	4,553.33
1/2	43.93	1/2	301.72	1/2	676.08	1/2	1,126.91	1/2	1,633.38	1/2	2,180.81	1/2	2,757.50	1/2	3,353.34	1/2	3,959.09	1/2	4,565.92
3/4	47.56	3/4	308.51	3/4	684.76	3/4	1,136.94	3/4	1,644.40	3/4	2,192.56	3/4	2,769.75	3/4	3,365.89	3/4	3,971.75	3/4	4,578.52
5	51.18	5	315.31	5	693.45	5	1,146.97	5	1,655.42	5	2,204.31	5	2,782.00	5	3,378.43	5	3,984.41	5	4,591.11
1/4	55.19	1/4	322.29	1/4	702.26	1/4	1,157.09	1/4	1,666.51	1/4	2,216.10	1/4	2,794.28	1/4	3,391.00	1/4	3,997.07	1/4	4,603.69
1/2	59.19	1/2	329.27	1/2	711.07	1/2	1,167.22	1/2	1,677.61	1/2	2,227.90	1/2	2,806.56	1/2	3,403.56	1/2	4,009.73	1/2	4,616.27
3/4	63.19	3/4	336.26	3/4	719.89	3/4	1,177.34	3/4	1,688.70	3/4	2,239.70	3/4	2,818.84	3/4	3,416.13	3/4	4,022.40	3/4	4,628.85
6	67.20	6	343.24	6	728.70	6	1,187.47	6	1,699.79	6	2,251.49	6	2,831.12	6	3,428.69	6	4,035.06	6	4,641.43
1/4	71.54	1/4	350.40	1/4	737.64	1/4	1,197.68	1/4	1,710.95	1/4	2,263.34	1/4	2,843.43	1/4	3,441.27	1/4	4,047.72	1/4	4,653.99
1/2	75.89	1/2	357.56	1/2	746.58	1/2	1,207.90	1/2	1,722.11	1/2	2,275.18	1/2	2,855.74	1/2	3,453.85	1/2	4,060.39	1/2	4,666.56
3/4	80.23	3/4	364.73	3/4	755.52	3/4	1,218.12	3/4	1,733.27	3/4	2,287.03	3/4	2,868.05	3/4	3,466.43	3/4	4,073.05	3/4	4,679.12
7	84.58	7	371.89	7	764.46	7	1,228.34	7	1,744.44	7	2,298.88	7	2,880.36	7	3,479.01	7	4,085.71	7	4,691.69
1/4	89.24	1/4	379.23	1/4	773.52	1/4	1,238.64	1/4	1,755.66	1/4	2,310.77	1/4	2,892.70	1/4	3,491.60	1/4	4,098.37	1/4	4,704.23
1/2	93.90	1/2	386.57	1/2	782.59	1/2	1,248.95	1/2	1,766.89	1/2	2,322.66	1/2	2,905.04	1/2	3,504.19	1/2	4,111.03	1/2	4,716.78
3/4	98.56	3/4	393.91	3/4	791.65	3/4	1,259.26	3/4	1,778.12	3/4	2,334.55	3/4	2,917.38	3/4	3,516.79	3/4	4,123.70	3/4	4,729.33
8	103.22	8	401.24	8	800.71	8	1,269.57	8	1,789.34	8	2,346.44	8	2,929.72	8	3,529.38	8	4,136.36	8	4,741.88
1/4	108.15	1/4	408.75	1/4	809.89	1/4	1,279.96	1/4	1,800.63	1/4	2,358.38	1/4	2,942.09	1/4	3,541.99	1/4	4,149.02	1/4	4,754.41
1/2	113.08	1/2	416.26	1/2	819.07	1/2	1,290.36	1/2	1,811.93	1/2	2,370.32	1/2	2,954.46	1/2	3,554.59	1/2	4,161.68	1/2	4,766.94
3/4	118.00	3/4	423.77	3/4	828.25	3/4	1,300.75	3/4	1,823.22	3/4	2,382.25	3/4	2,966.83	3/4	3,567.20	3/4	4,174.33	3/4	4,779.47
9	122.93	9	431.27	9	837.43	9	1,311.15	9	1,834.51	9	2,394.19	9	2,979.20	9	3,579.81	9	4,186.99	9	4,792.00
1/4	128.11	1/4	438.94	1/4	846.73	1/4	1,321.63	1/4	1,845.86	1/4	2,406.17	1/4	2,991.59	1/4	3,592.42	1/4	4,199.65	1/4	4,804.51
1/2	133.28	1/2	446.61	1/2	856.03	1/2	1,332.11	1/2	1,857.22	1/2	2,418.15	1/2	3,003.99	1/2	3,605.04	1/2	4,212.30	1/2	4,817.02
3/4	138.46	3/4	454.29	3/4	865.32	3/4	1,342.59	3/4	1,868.57	3/4	2,430.13	3/4	3,016.38	3/4	3,617.66	3/4	4,224.96	3/4	4,829.53
10	143.63	10	461.96	10	874.62	10	1,353.07	10	1,879.92	10	2,442.11	10	3,028.78	10	3,630.27	10	4,237.61	10	4,842.04
1/4	149.07	1/4	469.79	1/4	884.03	1/4	1,363.63	1/4	1,891.34	1/4	2,454.14	1/4	3,041.20	1/4	3,642.90	1/4	4,250.26	1/4	4,854.53
1/2	154.50	1/2	477.61	1/2	893.44	1/2	1,374.20	1/2	1,902.75	1/2	2,466.16	1/2	3,053.62	1/2	3,655.53	1/2	4,262.91	1/2	4,867.02
3/4	159.93	3/4	485.44	3/4	902.85	3/4	1,384.76	3/4	1,914.17	3/4	2,478.18	3/4	3,066.04	3/4	3,668.16	3/4	4,275.56	3/4	4,879.51
11	165.37	11	493.27	11	912.26	11	1,395.32	11	1,925.58	11	2,490.21	11	3,078.46	11	3,680.78	11	4,288.21	11	4,892.00
1/4	171.05	1/4	501.25	1/4	921.78	1/4	1,405.97	1/4	1,937.06	1/4	2,502.27	1/4	3,090.91	1/4	3,693.42	1/4	4,300.86	1/4	4,904.47
1/2	176.72	1/2	509.24	1/2	931.30	1/2	1,416.61	1/2	1,948.53	1/2	2,514.34	1/2	3,103.35	1/2	3,706.06	1/2	4,313.50	1/2	4,916.94
3/4	182.40	3/4	517.22	3/4	940.82	3/4	1,427.26	3/4	1,960.01	3/4	2,526.40	3/4	3,115.80	3/4	3,718.69	3/4	4,326.15	3/4	4,929.41

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 16826"

**STBD**  
**HORIZONTAL**  
**INNAGE TABLE**  
**BERGAN GAUGE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SHOSHONE"

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	4,941.87	0	5,531.66	0	6,098.64	0	6,632.21	0	7,119.78	0	7,544.92	0	7,882.56	0	8,071.24	0		0	
1/4	4,954.32	1/4	5,543.72	1/4	6,110.11	1/4	6,642.86	1/4	7,129.30	1/4	7,552.90	1/4	7,888.29	1/4		1/4		1/4	
1/2	4,966.77	1/2	5,555.78	1/2	6,121.59	1/2	6,653.50	1/2	7,138.82	1/2	7,560.88	1/2	7,894.02	1/2		1/2		1/2	
3/4	4,979.21	3/4	5,567.85	3/4	6,133.06	3/4	6,664.15	3/4	7,148.34	3/4	7,568.86	3/4	7,899.75	3/4		3/4		3/4	
1	4,991.66	1	5,579.91	1	6,144.54	1	6,674.80	1	7,157.86	1	7,576.85	1	7,905.48	1		1		1	
1/4	5,004.08	1/4	5,591.94	1/4	6,155.95	1/4	6,685.36	1/4	7,167.27	1/4	7,584.68	1/4	7,910.96	1/4		1/4		1/4	
1/2	5,016.50	1/2	5,603.96	1/2	6,167.37	1/2	6,695.92	1/2	7,176.68	1/2	7,592.51	1/2	7,916.45	1/2		1/2		1/2	
3/4	5,028.92	3/4	5,615.98	3/4	6,178.78	3/4	6,706.49	3/4	7,186.09	3/4	7,600.33	3/4	7,921.93	3/4		3/4		3/4	
2	5,041.34	2	5,628.00	2	6,190.20	2	6,717.05	2	7,195.50	2	7,608.16	2	7,927.42	2		2		2	
1/4	5,053.74	1/4	5,639.99	1/4	6,201.55	1/4	6,727.53	1/4	7,204.80	1/4	7,615.83	1/4	7,932.65	1/4		1/4		1/4	
1/2	5,066.13	1/2	5,651.97	1/2	6,212.90	1/2	6,738.01	1/2	7,214.09	1/2	7,623.50	1/2	7,937.87	1/2		1/2		1/2	
3/4	5,078.53	3/4	5,663.95	3/4	6,224.26	3/4	6,748.49	3/4	7,223.39	3/4	7,631.18	3/4	7,943.10	3/4		3/4		3/4	
3	5,090.92	3	5,675.93	3	6,235.61	3	6,758.97	3	7,232.69	3	7,638.85	3	7,948.33	3		3		3	
1/4	5,103.29	1/4	5,687.87	1/4	6,246.90	1/4	6,769.37	1/4	7,241.87	1/4	7,646.35	1/4	7,953.28	1/4		1/4		1/4	
1/2	5,115.66	1/2	5,699.80	1/2	6,258.19	1/2	6,779.76	1/2	7,251.05	1/2	7,653.86	1/2	7,958.23	1/2		1/2		1/2	
3/4	5,128.03	3/4	5,711.74	3/4	6,269.49	3/4	6,790.16	3/4	7,260.23	3/4	7,661.37	3/4	7,963.19	3/4		3/4		3/4	
4	5,140.40	4	5,723.68	4	6,280.78	4	6,800.55	4	7,269.41	4	7,668.88	4	7,968.14	4		4		4	
1/4	5,152.74	1/4	5,735.57	1/4	6,292.00	1/4	6,810.86	1/4	7,278.47	1/4	7,676.21	1/4	7,972.80	1/4		1/4		1/4	
1/2	5,165.08	1/2	5,747.46	1/2	6,303.23	1/2	6,821.17	1/2	7,287.53	1/2	7,683.55	1/2	7,977.46	1/2		1/2		1/2	
3/4	5,177.42	3/4	5,759.35	3/4	6,314.46	3/4	6,831.48	3/4	7,296.60	3/4	7,690.89	3/4	7,982.12	3/4		3/4		3/4	
5	5,189.76	5	5,771.24	5	6,325.68	5	6,841.78	5	7,305.66	5	7,698.23	5	7,986.78	5		5		5	
1/4	5,202.07	1/4	5,783.09	1/4	6,336.85	1/4	6,852.00	1/4	7,314.60	1/4	7,705.39	1/4	7,991.13	1/4		1/4		1/4	
1/2	5,214.38	1/2	5,794.93	1/2	6,348.01	1/2	6,862.22	1/2	7,323.54	1/2	7,712.56	1/2	7,995.47	1/2		1/2		1/2	
3/4	5,226.69	3/4	5,806.78	3/4	6,359.17	3/4	6,872.44	3/4	7,332.48	3/4	7,719.72	3/4	7,999.82	3/4		3/4		3/4	
6	5,239.00	6	5,818.63	6	6,370.33	6	6,882.65	6	7,341.42	6	7,726.88	6	8,004.16	6		6		6	
1/4	5,251.28	1/4	5,830.42	1/4	6,381.42	1/4	6,892.78	1/4	7,350.23	1/4	7,733.86	1/4	8,008.17	1/4		1/4		1/4	
1/2	5,263.56	1/2	5,842.22	1/2	6,392.51	1/2	6,902.90	1/2	7,359.04	1/2	7,740.85	1/2	8,012.17	1/2		1/2		1/2	
3/4	5,275.84	3/4	5,854.02	3/4	6,403.61	3/4	6,913.03	3/4	7,367.86	3/4	7,747.83	3/4	8,016.17	3/4		3/4		3/4	
7	5,288.12	7	5,865.81	7	6,414.70	7	6,923.15	7	7,376.67	7	7,754.81	7	8,020.18	7		7		7	
1/4	5,300.37	1/4	5,877.56	1/4	6,425.72	1/4	6,933.18	1/4	7,385.36	1/4	7,761.61	1/4	8,023.80	1/4		1/4		1/4	
1/2	5,312.62	1/2	5,889.31	1/2	6,436.74	1/2	6,943.21	1/2	7,394.04	1/2	7,768.40	1/2	8,027.43	1/2		1/2		1/2	
3/4	5,324.86	3/4	5,901.05	3/4	6,447.77	3/4	6,953.24	3/4	7,402.73	3/4	7,775.20	3/4	8,031.05	3/4		3/4		3/4	
8	5,337.11	8	5,912.80	8	6,458.79	8	6,963.27	8	7,411.41	8	7,781.99	8	8,034.68	8		8		8	
1/4	5,349.32	1/4	5,924.50	1/4	6,469.74	1/4	6,973.21	1/4	7,419.97	1/4	7,788.59	1/4	8,037.88	1/4		1/4		1/4	
1/2	5,361.54	1/2	5,936.19	1/2	6,480.69	1/2	6,983.14	1/2	7,428.52	1/2	7,795.19	1/2	8,041.08	1/2		1/2		1/2	
3/4	5,373.75	3/4	5,947.89	3/4	6,491.64	3/4	6,993.07	3/4	7,437.07	3/4	7,801.79	3/4	8,044.28	3/4		3/4		3/4	
9	5,385.96	9	5,959.58	9	6,502.59	9	7,003.01	9	7,445.62	9	7,808.39	9	8,047.48	9		9		9	
1/4	5,398.14	1/4	5,971.23	1/4	6,513.47	1/4	7,012.84	1/4	7,454.04	1/4	7,814.78	1/4	8,050.19	1/4		1/4		1/4	
1/2	5,410.32	1/2	5,982.87	1/2	6,524.35	1/2	7,022.68	1/2	7,462.46	1/2	7,821.18	1/2	8,052.89	1/2		1/2		1/2	
3/4	5,422.50	3/4	5,994.51	3/4	6,535.23	3/4	7,032.51	3/4	7,470.87	3/4	7,827.57	3/4	8,055.60	3/4		3/4		3/4	
10	5,434.68	10	6,006.15	10	6,546.11	10	7,042.34	10	7,479.29	10	7,833.97	10	8,058.30	10		10		10	
1/4	5,446.82	1/4	6,017.74	1/4	6,556.91	1/4	7,052.07	1/4	7,487.56	1/4	7,840.15	1/4	8,060.39	1/4		1/4		1/4	
1/2	5,458.96	1/2	6,029.33	1/2	6,567.71	1/2	7,061.81	1/2	7,495.84	1/2	7,846.34	1/2	8,062.48	1/2		1/2		1/2	
3/4	5,471.10	3/4	6,040.92	3/4	6,578.51	3/4	7,071.54	3/4	7,504.12	3/4	7,852.52	3/4	8,064.57	3/4		3/4		3/4	
11	5,483.24	11	6,052.51	11	6,589.31	11	7,081.27	11	7,512.39	11	7,858.71	11	8,066.66	11		11		11	
1/4	5,495.35	1/4	6,064.04	1/4	6,600.04	1/4	7,090.90	1/4	7,520.52	1/4	7,864.67	1/4	8,067.81	1/4		1/4		1/4	
1/2	5,507.45	1/2	6,075.57	1/2	6,610.76	1/2	7,100.52	1/2	7,528.65	1/2	7,870.63	1/2	8,068.95	1/2		1/2		1/2	
3/4	5,519.55	3/4	6,087.10	3/4	6,621.49	3/4	7,110.15	3/4	7,536.79	3/4	7,876.59	3/4	8,070.09	3/4		3/4		3/4	

STRAPPED: 08/28/2014 CL  
CALCULATED: 08/29/2014 CL  
NAME CHANGE: 10/18/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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