



# BARGE "KIRBY 16806"

## PORT

### INNAGE TABLE HORIZONTAL

GAUGE HEIGHT 17'-05 1/4"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "HW CHEM 167"

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	0.00	0	196.14	0	548.81	0	993.98	0	1,505.10	0	2,064.52	0	2,658.57	0	3,275.52	0	3,904.83	0	4,536.38
1/4	1.18	1/4	202.36	1/4	557.32	1/4	1,004.07	1/4	1,516.34	1/4	2,076.61	1/4	2,671.24	1/4	3,288.55	1/4	3,918.00	1/4	4,549.49
1/2	2.37	1/2	208.58	1/2	565.82	1/2	1,014.15	1/2	1,527.58	1/2	2,088.70	1/2	2,683.92	1/2	3,301.58	1/2	3,931.17	1/2	4,562.60
3/4	3.55	3/4	214.80	3/4	574.33	3/4	1,024.24	3/4	1,538.83	3/4	2,100.79	3/4	2,696.59	3/4	3,314.61	3/4	3,944.33	3/4	4,575.70
1	4.74	1	221.02	1	582.83	1	1,034.33	1	1,550.07	1	2,112.88	1	2,709.26	1	3,327.64	1	3,957.50	1	4,588.81
1/4	6.90	1/4	227.47	1/4	591.49	1/4	1,044.54	1/4	1,561.40	1/4	2,125.03	1/4	2,721.97	1/4	3,340.69	1/4	3,970.67	1/4	4,601.90
1/2	9.06	1/2	233.92	1/2	600.15	1/2	1,054.74	1/2	1,572.73	1/2	2,137.18	1/2	2,734.68	1/2	3,353.74	1/2	3,983.85	1/2	4,614.99
3/4	11.22	3/4	240.36	3/4	608.82	3/4	1,064.94	3/4	1,584.05	3/4	2,149.33	3/4	2,747.39	3/4	3,366.79	3/4	3,997.02	3/4	4,628.08
2	13.38	2	246.81	2	617.48	2	1,075.14	2	1,595.38	2	2,161.48	2	2,760.10	2	3,379.83	2	4,010.19	2	4,641.17
1/4	16.18	1/4	253.48	1/4	626.29	1/4	1,085.45	1/4	1,606.79	1/4	2,173.68	1/4	2,772.85	1/4	3,392.90	1/4	4,023.36	1/4	4,654.24
1/2	18.99	1/2	260.15	1/2	635.10	1/2	1,095.75	1/2	1,618.19	1/2	2,185.88	1/2	2,785.60	1/2	3,405.96	1/2	4,036.54	1/2	4,667.32
3/4	21.79	3/4	266.83	3/4	643.90	3/4	1,106.05	3/4	1,629.60	3/4	2,198.08	3/4	2,798.35	3/4	3,419.03	3/4	4,049.71	3/4	4,680.40
3	24.60	3	273.50	3	652.71	3	1,116.36	3	1,641.00	3	2,210.29	3	2,811.10	3	3,432.10	3	4,062.88	3	4,693.48
1/4	27.92	1/4	280.39	1/4	661.67	1/4	1,126.77	1/4	1,652.48	1/4	2,222.54	1/4	2,823.87	1/4	3,445.18	1/4	4,076.05	1/4	4,706.53
1/2	31.24	1/2	287.27	1/2	670.62	1/2	1,137.19	1/2	1,663.96	1/2	2,234.80	1/2	2,836.65	1/2	3,458.26	1/2	4,089.23	1/2	4,719.58
3/4	34.56	3/4	294.16	3/4	679.57	3/4	1,147.61	3/4	1,675.45	3/4	2,247.05	3/4	2,849.43	3/4	3,471.35	3/4	4,102.40	3/4	4,732.64
4	37.88	4	301.05	4	688.52	4	1,158.02	4	1,686.93	4	2,259.31	4	2,862.21	4	3,484.43	4	4,115.57	4	4,745.69
1/4	41.64	1/4	308.14	1/4	697.62	1/4	1,168.54	1/4	1,698.49	1/4	2,271.62	1/4	2,875.03	1/4	3,497.53	1/4	4,128.74	1/4	4,758.73
1/2	45.40	1/2	315.24	1/2	706.71	1/2	1,179.05	1/2	1,710.05	1/2	2,283.93	1/2	2,887.85	1/2	3,510.63	1/2	4,141.92	1/2	4,771.77
3/4	49.17	3/4	322.33	3/4	715.81	3/4	1,189.56	3/4	1,721.61	3/4	2,296.24	3/4	2,900.66	3/4	3,523.73	3/4	4,155.09	3/4	4,784.82
5	52.93	5	329.43	5	724.90	5	1,200.07	5	1,733.17	5	2,308.55	5	2,913.48	5	3,536.83	5	4,168.26	5	4,797.86
1/4	57.08	1/4	336.73	1/4	734.13	1/4	1,210.68	1/4	1,744.58	1/4	2,320.91	1/4	2,926.32	1/4	3,549.94	1/4	4,181.43	1/4	4,810.88
1/2	61.24	1/2	344.02	1/2	743.36	1/2	1,221.30	1/2	1,755.99	1/2	2,333.27	1/2	2,939.17	1/2	3,563.05	1/2	4,194.59	1/2	4,823.89
3/4	65.39	3/4	351.32	3/4	752.58	3/4	1,231.91	3/4	1,767.40	3/4	2,345.64	3/4	2,952.01	3/4	3,576.15	3/4	4,207.76	3/4	4,836.91
6	69.55	6	358.62	6	761.81	6	1,242.52	6	1,778.81	6	2,358.00	6	2,964.86	6	3,589.26	6	4,220.93	6	4,849.93
1/4	74.07	1/4	366.10	1/4	771.17	1/4	1,253.23	1/4	1,790.73	1/4	2,370.41	1/4	2,977.74	1/4	3,602.39	1/4	4,234.10	1/4	4,862.92
1/2	78.58	1/2	373.58	1/2	780.54	1/2	1,263.94	1/2	1,802.65	1/2	2,382.82	1/2	2,990.62	1/2	3,615.52	1/2	4,247.26	1/2	4,875.92
3/4	83.10	3/4	381.07	3/4	789.90	3/4	1,274.65	3/4	1,814.58	3/4	2,395.23	3/4	3,003.50	3/4	3,628.65	3/4	4,260.43	3/4	4,888.91
7	87.62	7	388.55	7	799.26	7	1,285.36	7	1,826.50	7	2,407.64	7	3,016.38	7	3,641.79	7	4,273.60	7	4,901.90
1/4	92.45	1/4	396.21	1/4	808.75	1/4	1,296.17	1/4	1,838.27	1/4	2,420.10	1/4	3,029.29	1/4	3,654.92	1/4	4,286.76	1/4	4,914.87
1/2	97.29	1/2	403.88	1/2	818.24	1/2	1,306.98	1/2	1,850.05	1/2	2,432.56	1/2	3,042.19	1/2	3,668.05	1/2	4,299.92	1/2	4,927.85
3/4	102.12	3/4	411.55	3/4	827.73	3/4	1,317.79	3/4	1,861.82	3/4	2,445.02	3/4	3,055.10	3/4	3,681.18	3/4	4,313.08	3/4	4,940.82
8	106.95	8	419.21	8	837.21	8	1,328.60	8	1,873.60	8	2,457.48	8	3,068.00	8	3,694.31	8	4,326.24	8	4,953.79
1/4	112.13	1/4	427.06	1/4	846.83	1/4	1,339.49	1/4	1,885.43	1/4	2,469.98	1/4	3,080.93	1/4	3,707.45	1/4	4,339.39	1/4	4,966.73
1/2	117.30	1/2	434.90	1/2	856.45	1/2	1,350.39	1/2	1,897.27	1/2	2,482.48	1/2	3,093.87	1/2	3,720.59	1/2	4,352.54	1/2	4,979.68
3/4	122.47	3/4	442.75	3/4	866.07	3/4	1,361.29	3/4	1,909.11	3/4	2,494.98	3/4	3,106.80	3/4	3,733.74	3/4	4,365.68	3/4	4,992.63
9	127.64	9	450.60	9	875.69	9	1,372.19	9	1,920.95	9	2,507.48	9	3,119.74	9	3,746.88	9	4,378.83	9	5,005.57
1/4	133.08	1/4	458.61	1/4	885.43	1/4	1,383.18	1/4	1,932.85	1/4	2,520.02	1/4	3,132.70	1/4	3,760.04	1/4	4,391.98	1/4	5,018.49
1/2	138.52	1/2	466.63	1/2	895.17	1/2	1,394.17	1/2	1,944.75	1/2	2,532.57	1/2	3,145.65	1/2	3,773.20	1/2	4,405.12	1/2	5,031.42
3/4	143.96	3/4	474.65	3/4	904.90	3/4	1,405.15	3/4	1,956.65	3/4	2,545.12	3/4	3,158.61	3/4	3,786.36	3/4	4,418.26	3/4	5,044.34
10	149.40	10	482.67	10	914.64	10	1,416.14	10	1,968.55	10	2,557.67	10	3,171.57	10	3,799.52	10	4,431.40	10	5,057.26
1/4	155.12	1/4	490.86	1/4	924.50	1/4	1,427.22	1/4	1,980.51	1/4	2,570.26	1/4	3,184.55	1/4	3,812.68	1/4	4,444.53	1/4	5,070.15
1/2	160.83	1/2	499.05	1/2	934.36	1/2	1,438.30	1/2	1,992.48	1/2	2,582.86	1/2	3,197.54	1/2	3,825.84	1/2	4,457.65	1/2	5,083.05
3/4	166.55	3/4	507.24	3/4	944.21	3/4	1,449.38	3/4	2,004.44	3/4	2,595.45	3/4	3,210.52	3/4	3,839.01	3/4	4,470.78	3/4	5,095.94
11	172.26	11	515.43	11	954.07	11	1,460.45	11	2,016.40	11	2,608.05	11	3,223.50	11	3,852.17	11	4,483.90	11	5,108.83
1/4	178.23	1/4	523.77	1/4	964.05	1/4	1,471.61	1/4	2,028.43	1/4	2,620.68	1/4	3,236.51	1/4	3,865.33	1/4	4,497.02	1/4	5,121.70
1/2	184.20	1/2	532.12	1/2	974.02	1/2	1,482.77	1/2	2,040.46	1/2	2,633.31	1/2	3,249.51	1/2	3,878.50	1/2	4,510.14	1/2	5,134.56
3/4	190.17	3/4	540.46	3/4	984.00	3/4	1,493.93	3/4	2,052.49	3/4	2,645.94	3/4	3,262.52	3/4	3,891.67	3/4	4,523.26	3/4	5,147.42

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# BARGE "KIRBY 16806"

## PORT INNAGE TABLE

### HORIZONTAL

GAUGE HEIGHT 17'-05 1/4"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "HW CHEM 167"

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	5,160.29	0	5,766.19	0	6,343.02	0	6,878.19	0	7,356.14	0	7,755.50	0	8,038.38	0		0		0	
1/4	5,173.11	1/4	5,778.52	1/4	6,354.62	1/4	6,888.76	1/4	7,365.30	1/4	7,762.70	1/4	8,042.35	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,185.94	1/2	5,790.86	1/2	6,366.21	1/2	6,899.32	1/2	7,374.46	1/2	7,769.89	1/2	8,046.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,198.77	3/4	5,803.19	3/4	6,377.81	3/4	6,909.89	3/4	7,383.62	3/4	7,777.09	3/4	8,050.27	3/4	3/4	3/4	3/4	3/4	3/4
1	5,211.60	1	5,815.52	1	6,389.40	1	6,920.45	1	7,392.79	1	7,784.29	1	8,054.24	1	1	1	1	1	1
1/4	5,224.39	1/4	5,827.81	1/4	6,400.93	1/4	6,930.91	1/4	7,401.81	1/4	7,791.28	1/4	8,057.79	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,237.19	1/2	5,840.10	1/2	6,412.45	1/2	6,941.37	1/2	7,410.83	1/2	7,798.27	1/2	8,061.33	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,249.99	3/4	5,852.38	3/4	6,423.98	3/4	6,951.83	3/4	7,419.86	3/4	7,805.27	3/4	8,064.88	3/4	3/4	3/4	3/4	3/4	3/4
2	5,262.79	2	5,864.67	2	6,435.50	2	6,962.29	2	7,428.88	2	7,812.26	2	8,068.43	2	2	2	2	2	2
1/4	5,275.55	1/4	5,876.89	1/4	6,446.94	1/4	6,972.65	1/4	7,437.76	1/4	7,819.04	1/4	8,071.50	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,288.32	1/2	5,889.12	1/2	6,458.38	1/2	6,983.01	1/2	7,446.64	1/2	7,825.82	1/2	8,074.57	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,301.09	3/4	5,901.35	3/4	6,469.82	3/4	6,993.37	3/4	7,455.52	3/4	7,832.60	3/4	8,077.64	3/4	3/4	3/4	3/4	3/4	3/4
3	5,313.86	3	5,913.57	3	6,481.26	3	7,003.74	3	7,464.40	3	7,839.38	3	8,080.71	3	3	3	3	3	3
1/4	5,326.58	1/4	5,925.75	1/4	6,492.63	1/4	7,013.99	1/4	7,473.14	1/4	7,845.94	1/4	8,083.22	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,339.31	1/2	5,937.93	1/2	6,504.00	1/2	7,024.24	1/2	7,481.87	1/2	7,852.50	1/2	8,085.73	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,352.04	3/4	5,950.11	3/4	6,515.37	3/4	7,034.49	3/4	7,490.60	3/4	7,859.06	3/4	8,088.23	3/4	3/4	3/4	3/4	3/4	3/4
4	5,364.76	4	5,962.29	4	6,526.74	4	7,044.74	4	7,499.33	4	7,865.62	4	8,090.74	4	4	4	4	4	4
1/4	5,377.45	1/4	5,974.40	1/4	6,538.02	1/4	7,054.89	1/4	7,507.92	1/4	7,871.96	1/4	8,092.49	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,390.14	1/2	5,986.52	1/2	6,549.31	1/2	7,065.04	1/2	7,516.50	1/2	7,878.30	1/2	8,094.24	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,402.83	3/4	5,998.64	3/4	6,560.60	3/4	7,075.18	3/4	7,525.08	3/4	7,884.64	3/4	8,095.99	3/4	3/4	3/4	3/4	3/4	3/4
5	5,415.52	5	6,010.76	5	6,571.88	5	7,085.33	5	7,533.67	5	7,890.98	5	8,097.74	5	5	5	5	5	5
1/4	5,428.18	1/4	6,022.82	1/4	6,583.08	1/4	7,095.36	1/4	7,542.10	1/4	7,897.07	1/4	8,098.58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,440.83	1/2	6,034.87	1/2	6,594.29	1/2	7,105.39	1/2	7,550.52	1/2	7,903.17	1/2	8,099.43	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,453.49	3/4	6,046.92	3/4	6,605.49	3/4	7,115.42	3/4	7,558.95	3/4	7,909.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	5,466.14	6	6,058.98	6	6,616.69	6	7,125.45	6	7,567.38	6	7,915.36	6		6	6	6	6	6	6
1/4	5,478.76	1/4	6,070.98	1/4	6,627.81	1/4	7,135.37	1/4	7,575.65	1/4	7,921.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,491.37	1/2	6,082.98	1/2	6,638.93	1/2	7,145.29	1/2	7,583.92	1/2	7,927.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,503.98	3/4	6,094.98	3/4	6,650.05	3/4	7,155.20	3/4	7,592.18	3/4	7,932.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	5,516.60	7	6,106.98	7	6,661.17	7	7,165.12	7	7,600.45	7	7,938.71	7	7	7	7	7	7	7	7
1/4	5,529.16	1/4	6,118.91	1/4	6,672.20	1/4	7,174.92	1/4	7,608.56	1/4	7,944.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,541.73	1/2	6,130.85	1/2	6,683.24	1/2	7,184.71	1/2	7,616.67	1/2	7,949.88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,554.29	3/4	6,142.78	3/4	6,694.27	3/4	7,194.51	3/4	7,624.77	3/4	7,955.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	5,566.86	8	6,154.71	8	6,705.31	8	7,204.31	8	7,632.88	8	7,961.05	8	8	8	8	8	8	8	8
1/4	5,579.39	1/4	6,166.58	1/4	6,716.25	1/4	7,213.99	1/4	7,640.82	1/4	7,966.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,591.92	1/2	6,178.45	1/2	6,727.19	1/2	7,223.68	1/2	7,648.75	1/2	7,971.65	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,604.45	3/4	6,190.32	3/4	6,738.13	3/4	7,233.36	3/4	7,656.68	3/4	7,976.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	5,616.98	9	6,202.19	9	6,749.07	9	7,243.05	9	7,664.62	9	7,982.26	9	9	9	9	9	9	9	9
1/4	5,629.46	1/4	6,214.00	1/4	6,759.93	1/4	7,252.60	1/4	7,672.38	1/4	7,987.26	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,641.94	1/2	6,225.81	1/2	6,770.79	1/2	7,262.15	1/2	7,680.13	1/2	7,992.26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,654.42	3/4	6,237.62	3/4	6,781.64	3/4	7,271.71	3/4	7,687.89	3/4	7,997.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	5,666.90	10	6,249.43	10	6,792.50	10	7,281.26	10	7,695.64	10	8,002.26	10	10	10	10	10	10	10	10
1/4	5,679.34	1/4	6,261.16	1/4	6,803.26	1/4	7,290.68	1/4	7,703.22	1/4	8,006.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,691.77	1/2	6,272.89	1/2	6,814.01	1/2	7,300.11	1/2	7,710.80	1/2	8,011.64	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,704.21	3/4	6,284.63	3/4	6,824.77	3/4	7,309.53	3/4	7,718.37	3/4	8,016.33	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	5,716.64	11	6,296.36	11	6,835.52	11	7,318.95	11	7,725.95	11	8,021.02	11	11	11	11	11	11	11	11
1/4	5,729.03	1/4	6,308.02	1/4	6,846.19	1/4	7,328.25	1/4	7,733.34	1/4	8,025.36	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5,741.42	1/2	6,319.69	1/2	6,856.86	1/2	7,337.55	1/2	7,740.73	1/2	8,029.70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5,753.80	3/4	6,331.36	3/4	6,867.52	3/4	7,346.85	3/4	7,748.11	3/4	8,034.04	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/1991 CM  
REPRINTED: 08/20/2003 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2003

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



# BARGE "KIRBY 16806"

STBD

INNAGE TABLE

HORIZONTAL

GAUGE HEIGHT 17'-05 1/4"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "HW CHEM 167"

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	0.00	0	196.14	0	548.80	0	993.96	0	1,505.07	0	2,064.49	0	2,658.52	0	3,275.47	0	3,904.76	0	4,536.30
1/4	1.18	1/4	202.36	1/4	557.31	1/4	1,004.05	1/4	1,516.31	1/4	2,076.58	1/4	2,671.20	1/4	3,288.50	1/4	3,917.93	1/4	4,549.41
1/2	2.37	1/2	208.58	1/2	565.81	1/2	1,014.14	1/2	1,527.56	1/2	2,088.67	1/2	2,683.87	1/2	3,301.53	1/2	3,931.10	1/2	4,562.51
3/4	3.55	3/4	214.80	3/4	574.32	3/4	1,024.23	3/4	1,538.80	3/4	2,100.75	3/4	2,696.54	3/4	3,314.55	3/4	3,944.26	3/4	4,575.62
1	4.74	1	221.02	1	582.82	1	1,034.31	1	1,550.04	1	2,112.84	1	2,709.21	1	3,327.58	1	3,957.43	1	4,588.73
1/4	6.90	1/4	227.47	1/4	591.48	1/4	1,044.52	1/4	1,561.37	1/4	2,124.99	1/4	2,721.92	1/4	3,340.63	1/4	3,970.60	1/4	4,601.82
1/2	9.06	1/2	233.91	1/2	600.14	1/2	1,054.72	1/2	1,572.70	1/2	2,137.14	1/2	2,734.63	1/2	3,353.68	1/2	3,983.77	1/2	4,614.91
3/4	11.22	3/4	240.36	3/4	608.80	3/4	1,064.92	3/4	1,584.03	3/4	2,149.29	3/4	2,747.34	3/4	3,366.73	3/4	3,996.95	3/4	4,628.00
2	13.38	2	246.81	2	617.47	2	1,075.12	2	1,595.35	2	2,161.44	2	2,760.05	2	3,379.77	2	4,010.12	2	4,641.08
1/4	16.18	1/4	253.48	1/4	626.27	1/4	1,085.43	1/4	1,606.76	1/4	2,173.64	1/4	2,772.80	1/4	3,392.84	1/4	4,023.29	1/4	4,654.16
1/2	18.99	1/2	260.15	1/2	635.08	1/2	1,095.73	1/2	1,618.16	1/2	2,185.84	1/2	2,785.55	1/2	3,405.90	1/2	4,036.46	1/2	4,667.24
3/4	21.79	3/4	266.82	3/4	643.89	3/4	1,106.03	3/4	1,629.57	3/4	2,198.04	3/4	2,798.30	3/4	3,418.97	3/4	4,049.64	3/4	4,680.32
3	24.59	3	273.50	3	652.70	3	1,116.34	3	1,640.97	3	2,210.25	3	2,811.05	3	3,432.03	3	4,062.81	3	4,693.39
1/4	27.92	1/4	280.38	1/4	661.66	1/4	1,126.75	1/4	1,652.45	1/4	2,222.50	1/4	2,823.83	1/4	3,445.12	1/4	4,075.98	1/4	4,706.45
1/2	31.24	1/2	287.27	1/2	670.61	1/2	1,137.17	1/2	1,663.94	1/2	2,234.76	1/2	2,836.60	1/2	3,458.20	1/2	4,089.15	1/2	4,719.50
3/4	34.56	3/4	294.16	3/4	679.56	3/4	1,147.59	3/4	1,675.42	3/4	2,247.01	3/4	2,849.38	3/4	3,471.28	3/4	4,102.33	3/4	4,732.55
4	37.88	4	301.04	4	688.51	4	1,158.00	4	1,686.90	4	2,259.27	4	2,862.16	4	3,484.37	4	4,115.50	4	4,745.61
1/4	41.64	1/4	308.14	1/4	697.61	1/4	1,168.52	1/4	1,698.46	1/4	2,271.58	1/4	2,874.98	1/4	3,497.47	1/4	4,128.67	1/4	4,758.65
1/2	45.40	1/2	315.23	1/2	706.70	1/2	1,179.03	1/2	1,710.02	1/2	2,283.89	1/2	2,887.79	1/2	3,510.57	1/2	4,141.84	1/2	4,771.69
3/4	49.17	3/4	322.33	3/4	715.80	3/4	1,189.54	3/4	1,721.58	3/4	2,296.20	3/4	2,900.61	3/4	3,523.67	3/4	4,155.02	3/4	4,784.73
5	52.93	5	329.42	5	724.89	5	1,200.05	5	1,733.14	5	2,308.51	5	2,913.43	5	3,536.77	5	4,168.19	5	4,797.77
1/4	57.08	1/4	336.72	1/4	734.12	1/4	1,210.66	1/4	1,744.55	1/4	2,320.87	1/4	2,926.27	1/4	3,549.88	1/4	4,181.35	1/4	4,810.79
1/2	61.24	1/2	344.02	1/2	743.34	1/2	1,221.28	1/2	1,755.96	1/2	2,333.23	1/2	2,939.12	1/2	3,562.98	1/2	4,194.52	1/2	4,823.81
3/4	65.39	3/4	351.32	3/4	752.57	3/4	1,231.89	3/4	1,767.37	3/4	2,345.60	3/4	2,951.96	3/4	3,576.09	3/4	4,207.69	3/4	4,836.83
6	69.55	6	358.61	6	761.80	6	1,242.50	6	1,778.78	6	2,357.96	6	2,964.80	6	3,589.20	6	4,220.85	6	4,849.84
1/4	74.06	1/4	366.09	1/4	771.16	1/4	1,253.21	1/4	1,790.70	1/4	2,370.37	1/4	2,977.69	1/4	3,602.33	1/4	4,234.02	1/4	4,862.84
1/2	78.58	1/2	373.58	1/2	780.52	1/2	1,263.92	1/2	1,802.62	1/2	2,382.78	1/2	2,990.57	1/2	3,615.46	1/2	4,247.19	1/2	4,875.83
3/4	83.10	3/4	381.06	3/4	789.89	3/4	1,274.63	3/4	1,814.55	3/4	2,395.19	3/4	3,003.45	3/4	3,628.59	3/4	4,260.35	3/4	4,888.82
7	87.62	7	388.54	7	799.25	7	1,285.33	7	1,826.47	7	2,407.60	7	3,016.33	7	3,641.72	7	4,273.52	7	4,901.82
1/4	92.45	1/4	396.21	1/4	808.74	1/4	1,296.14	1/4	1,838.24	1/4	2,420.06	1/4	3,029.23	1/4	3,654.85	1/4	4,286.68	1/4	4,914.79
1/2	97.28	1/2	403.87	1/2	818.22	1/2	1,306.95	1/2	1,850.01	1/2	2,432.52	1/2	3,042.14	1/2	3,667.98	1/2	4,299.84	1/2	4,927.76
3/4	102.12	3/4	411.54	3/4	827.71	3/4	1,317.76	3/4	1,861.79	3/4	2,444.98	3/4	3,055.04	3/4	3,681.11	3/4	4,313.00	3/4	4,940.73
8	106.95	8	419.21	8	837.20	8	1,328.57	8	1,873.56	8	2,457.43	8	3,067.95	8	3,694.24	8	4,326.16	8	4,953.70
1/4	112.12	1/4	427.05	1/4	846.82	1/4	1,339.47	1/4	1,885.40	1/4	2,469.93	1/4	3,080.88	1/4	3,707.39	1/4	4,339.31	1/4	4,966.64
1/2	117.30	1/2	434.90	1/2	856.44	1/2	1,350.37	1/2	1,897.24	1/2	2,482.43	1/2	3,093.81	1/2	3,720.53	1/2	4,352.46	1/2	4,979.59
3/4	122.47	3/4	442.74	3/4	866.06	3/4	1,361.27	3/4	1,909.08	3/4	2,494.93	3/4	3,106.75	3/4	3,733.67	3/4	4,365.61	3/4	4,992.54
9	127.64	9	450.59	9	875.67	9	1,372.17	9	1,920.92	9	2,507.43	9	3,119.68	9	3,746.81	9	4,378.76	9	5,005.48
1/4	133.08	1/4	458.61	1/4	885.41	1/4	1,383.15	1/4	1,932.82	1/4	2,519.98	1/4	3,132.64	1/4	3,759.98	1/4	4,391.90	1/4	5,018.41
1/2	138.52	1/2	466.62	1/2	895.15	1/2	1,394.14	1/2	1,944.72	1/2	2,532.53	1/2	3,145.60	1/2	3,773.14	1/2	4,405.04	1/2	5,031.33
3/4	143.96	3/4	474.64	3/4	904.89	3/4	1,405.13	3/4	1,956.61	3/4	2,545.07	3/4	3,158.56	3/4	3,786.30	3/4	4,418.18	3/4	5,044.25
10	149.40	10	482.66	10	914.63	10	1,416.12	10	1,968.51	10	2,557.62	10	3,171.52	10	3,799.46	10	4,431.33	10	5,057.17
1/4	155.12	1/4	490.85	1/4	924.48	1/4	1,427.20	1/4	1,980.48	1/4	2,570.22	1/4	3,184.50	1/4	3,812.62	1/4	4,444.45	1/4	5,070.07
1/2	160.83	1/2	499.04	1/2	934.34	1/2	1,438.27	1/2	1,992.44	1/2	2,582.81	1/2	3,197.48	1/2	3,825.78	1/2	4,457.58	1/2	5,082.96
3/4	166.54	3/4	507.23	3/4	944.20	3/4	1,449.35	3/4	2,004.41	3/4	2,595.41	3/4	3,210.46	3/4	3,838.94	3/4	4,470.70	3/4	5,095.85
11	172.26	11	515.42	11	954.05	11	1,460.43	11	2,016.37	11	2,608.00	11	3,223.44	11	3,852.10	11	4,483.83	11	5,108.74
1/4	178.23	1/4	523.76	1/4	964.03	1/4	1,471.59	1/4	2,028.40	1/4	2,620.63	1/4	3,236.45	1/4	3,865.27	1/4	4,496.94	1/4	5,121.61
1/2	184.20	1/2	532.11	1/2	974.01	1/2	1,482.75	1/2	2,040.43	1/2	2,633.26	1/2	3,249.45	1/2	3,878.43	1/2	4,510.06	1/2	5,134.47
3/4	190.17	3/4	540.45	3/4	983.98	3/4	1,493.91	3/4	2,052.46	3/4	2,645.89	3/4	3,262.46	3/4	3,891.60	3/4	4,523.18	3/4	5,147.33

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT RIM OF MANWAY NEAR CENTER OF TANK.

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 16806"

**STBD**  
**INNAGE TABLE**

**HORIZONTAL**

**GAUGE HEIGHT 17'-05 1/4"**

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "HW CHEM 167"

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	5,160.19	0	5,766.09	0	6,342.91	0	6,878.07	0	7,356.01	0	7,755.36	0	8,038.24	0		0		0	
1/4	5,173.02	1/4	5,778.42	1/4	6,354.51	1/4	6,888.63	1/4	7,365.17	1/4	7,762.56	1/4	8,042.20	1/4	1/4		1/4		1/4
1/2	5,185.85	1/2	5,790.76	1/2	6,366.10	1/2	6,899.20	1/2	7,374.33	1/2	7,769.76	1/2	8,046.17	1/2	1/2		1/2		1/2
3/4	5,198.68	3/4	5,803.09	3/4	6,377.70	3/4	6,909.77	3/4	7,383.49	3/4	7,776.95	3/4	8,050.13	3/4	3/4		3/4		3/4
1	5,211.50	1	5,815.42	1	6,389.29	1	6,920.33	1	7,392.66	1	7,784.15	1	8,054.10	1		1		1	
1/4	5,224.30	1/4	5,827.71	1/4	6,400.82	1/4	6,930.79	1/4	7,401.68	1/4	7,791.14	1/4	8,057.64	1/4	1/4		1/4		1/4
1/2	5,237.10	1/2	5,839.99	1/2	6,412.34	1/2	6,941.25	1/2	7,410.70	1/2	7,798.14	1/2	8,061.19	1/2	1/2		1/2		1/2
3/4	5,249.90	3/4	5,852.28	3/4	6,423.86	3/4	6,951.70	3/4	7,419.73	3/4	7,805.13	3/4	8,064.74	3/4	3/4		3/4		3/4
2	5,262.69	2	5,864.56	2	6,435.39	2	6,962.16	2	7,428.75	2	7,812.12	2	8,068.29	2		2		2	
1/4	5,275.46	1/4	5,876.79	1/4	6,446.83	1/4	6,972.53	1/4	7,437.63	1/4	7,818.90	1/4	8,071.36	1/4	1/4		1/4		1/4
1/2	5,288.23	1/2	5,889.02	1/2	6,458.27	1/2	6,982.89	1/2	7,446.51	1/2	7,825.68	1/2	8,074.43	1/2	1/2		1/2		1/2
3/4	5,301.00	3/4	5,901.24	3/4	6,469.71	3/4	6,993.25	3/4	7,455.39	3/4	7,832.46	3/4	8,077.50	3/4	3/4		3/4		3/4
3	5,313.76	3	5,913.47	3	6,481.15	3	7,003.61	3	7,464.27	3	7,839.24	3	8,080.57	3		3		3	
1/4	5,326.49	1/4	5,925.65	1/4	6,492.52	1/4	7,013.86	1/4	7,473.01	1/4	7,845.80	1/4	8,083.08	1/4	1/4		1/4		1/4
1/2	5,339.22	1/2	5,937.82	1/2	6,503.89	1/2	7,024.11	1/2	7,481.74	1/2	7,852.36	1/2	8,085.58	1/2	1/2		1/2		1/2
3/4	5,351.94	3/4	5,950.00	3/4	6,515.25	3/4	7,034.36	3/4	7,490.47	3/4	7,858.92	3/4	8,088.09	3/4	3/4		3/4		3/4
4	5,364.67	4	5,962.18	4	6,526.62	4	7,044.61	4	7,499.20	4	7,865.48	4	8,090.60	4		4		4	
1/4	5,377.36	1/4	5,974.30	1/4	6,537.91	1/4	7,054.76	1/4	7,507.78	1/4	7,871.82	1/4	8,092.35	1/4	1/4		1/4		1/4
1/2	5,390.05	1/2	5,986.42	1/2	6,549.19	1/2	7,064.91	1/2	7,516.37	1/2	7,878.16	1/2	8,094.10	1/2	1/2		1/2		1/2
3/4	5,402.74	3/4	5,998.54	3/4	6,560.48	3/4	7,075.06	3/4	7,524.95	3/4	7,884.50	3/4	8,095.85	3/4	3/4		3/4		3/4
5	5,415.43	5	6,010.66	5	6,571.77	5	7,085.21	5	7,533.53	5	7,890.84	5	8,097.60	5		5		5	
1/4	5,428.08	1/4	6,022.71	1/4	6,582.97	1/4	7,095.24	1/4	7,541.96	1/4	7,896.93	1/4	8,098.44	1/4	1/4		1/4		1/4
1/2	5,440.74	1/2	6,034.76	1/2	6,594.17	1/2	7,105.27	1/2	7,550.39	1/2	7,903.03	1/2	8,099.29	1/2	1/2		1/2		1/2
3/4	5,453.39	3/4	6,046.82	3/4	6,605.37	3/4	7,115.30	3/4	7,558.82	3/4	7,909.12	3/4		3/4	3/4		3/4		3/4
6	5,466.05	6	6,058.87	6	6,616.57	6	7,125.33	6	7,567.25	6	7,915.22	6		6		6		6	
1/4	5,478.66	1/4	6,070.87	1/4	6,627.69	1/4	7,135.24	1/4	7,575.52	1/4	7,921.06	1/4	1/4		1/4		1/4		1/4
1/2	5,491.27	1/2	6,082.87	1/2	6,638.81	1/2	7,145.16	1/2	7,583.78	1/2	7,926.90	1/2	1/2		1/2		1/2		1/2
3/4	5,503.89	3/4	6,094.87	3/4	6,649.93	3/4	7,155.08	3/4	7,592.05	3/4	7,932.74	3/4	3/4		3/4		3/4		3/4
7	5,516.50	7	6,106.87	7	6,661.05	7	7,164.99	7	7,600.32	7	7,938.57	7		7		7		7	
1/4	5,529.06	1/4	6,118.80	1/4	6,672.08	1/4	7,174.79	1/4	7,608.43	1/4	7,944.16	1/4	1/4		1/4		1/4		1/4
1/2	5,541.63	1/2	6,130.74	1/2	6,683.12	1/2	7,184.59	1/2	7,616.53	1/2	7,949.74	1/2	1/2		1/2		1/2		1/2
3/4	5,554.19	3/4	6,142.67	3/4	6,694.16	3/4	7,194.39	3/4	7,624.64	3/4	7,955.32	3/4	3/4		3/4		3/4		3/4
8	5,566.76	8	6,154.61	8	6,705.19	8	7,204.18	8	7,632.75	8	7,960.91	8		8		8		8	
1/4	5,579.29	1/4	6,166.47	1/4	6,716.13	1/4	7,213.87	1/4	7,640.68	1/4	7,966.21	1/4	1/4		1/4		1/4		1/4
1/2	5,591.82	1/2	6,178.34	1/2	6,727.07	1/2	7,223.55	1/2	7,648.62	1/2	7,971.51	1/2	1/2		1/2		1/2		1/2
3/4	5,604.35	3/4	6,190.21	3/4	6,738.01	3/4	7,233.24	3/4	7,656.55	3/4	7,976.82	3/4	3/4		3/4		3/4		3/4
9	5,616.88	9	6,202.08	9	6,748.95	9	7,242.92	9	7,664.48	9	7,982.12	9		9		9		9	
1/4	5,629.36	1/4	6,213.89	1/4	6,759.81	1/4	7,252.47	1/4	7,672.24	1/4	7,987.12	1/4	1/4		1/4		1/4		1/4
1/2	5,641.84	1/2	6,225.70	1/2	6,770.67	1/2	7,262.03	1/2	7,680.00	1/2	7,992.12	1/2	1/2		1/2		1/2		1/2
3/4	5,654.32	3/4	6,237.51	3/4	6,781.52	3/4	7,271.58	3/4	7,687.75	3/4	7,997.12	3/4	3/4		3/4		3/4		3/4
10	5,666.80	10	6,249.32	10	6,792.38	10	7,281.13	10	7,695.51	10	8,002.12	10		10		10		10	
1/4	5,679.24	1/4	6,261.05	1/4	6,803.14	1/4	7,290.56	1/4	7,703.08	1/4	8,006.81	1/4	1/4		1/4		1/4		1/4
1/2	5,691.67	1/2	6,272.78	1/2	6,813.89	1/2	7,299.98	1/2	7,710.66	1/2	8,011.50	1/2	1/2		1/2		1/2		1/2
3/4	5,704.11	3/4	6,284.51	3/4	6,824.65	3/4	7,309.40	3/4	7,718.24	3/4	8,016.19	3/4	3/4		3/4		3/4		3/4
11	5,716.54	11	6,296.25	11	6,835.40	11	7,318.82	11	7,725.82	11	8,020.88	11		11		11		11	
1/4	5,728.93	1/4	6,307.91	1/4	6,846.07	1/4	7,328.12	1/4	7,733.20	1/4	8,025.22	1/4	1/4		1/4		1/4		1/4
1/2	5,741.32	1/2	6,319.58	1/2	6,856.74	1/2	7,337.42	1/2	7,740.59	1/2	8,029.56	1/2	1/2		1/2		1/2		1/2
3/4	5,753.70	3/4	6,331.25	3/4	6,867.40	3/4	7,346.72	3/4	7,747.98	3/4	8,033.90	3/4	3/4		3/4		3/4		3/4

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