



BARGE "KIRBY 30800"

PORT HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "COMMANCHE"

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	2.69	0	308.17	0	837.21	0	1,496.55	0	2,245.90	0	3,058.17	0	3,911.86	0	4,788.31	0	5,670.26	0	6,540.67
1/4	5.03	1/4	317.57	1/4	849.87	1/4	1,511.40	1/4	2,262.31	1/4	3,075.62	1/4	3,929.96	1/4	4,806.69	1/4	5,688.57	1/4	6,558.54
1/2	7.37	1/2	326.98	1/2	862.54	1/2	1,526.26	1/2	2,278.71	1/2	3,093.08	1/2	3,948.06	1/2	4,825.07	1/2	5,706.87	1/2	6,576.40
3/4	9.71	3/4	336.38	3/4	875.20	3/4	1,541.12	3/4	2,295.12	3/4	3,110.54	3/4	3,966.16	3/4	4,843.45	3/4	5,725.17	3/4	6,594.27
1	12.05	1	345.79	1	887.86	1	1,555.98	1	2,311.52	1	3,128.00	1	3,984.26	1	4,861.83	1	5,743.48	1	6,612.14
1/4	15.67	1/4	355.53	1/4	900.74	1/4	1,570.99	1/4	2,328.03	1/4	3,145.52	1/4	4,002.40	1/4	4,880.22	1/4	5,761.76	1/4	6,629.96
1/2	19.30	1/2	365.27	1/2	913.62	1/2	1,586.00	1/2	2,344.54	1/2	3,163.05	1/2	4,020.55	1/2	4,898.61	1/2	5,780.04	1/2	6,647.77
3/4	22.92	3/4	375.02	3/4	926.50	3/4	1,601.01	3/4	2,361.04	3/4	3,180.57	3/4	4,038.69	3/4	4,916.99	3/4	5,798.32	3/4	6,665.59
2	26.55	2	384.76	2	939.38	2	1,616.02	2	2,377.55	2	3,198.10	2	4,056.83	2	4,935.38	2	5,816.60	2	6,683.40
1/4	31.07	1/4	394.83	1/4	952.47	1/4	1,631.18	1/4	2,394.16	1/4	3,215.69	1/4	4,075.01	1/4	4,953.77	1/4	5,834.85	1/4	6,701.16
1/2	35.58	1/2	404.89	1/2	965.56	1/2	1,646.33	1/2	2,410.77	1/2	3,233.29	1/2	4,093.18	1/2	4,972.17	1/2	5,853.11	1/2	6,718.92
3/4	40.10	3/4	414.96	3/4	978.65	3/4	1,661.49	3/4	2,427.39	3/4	3,250.88	3/4	4,111.35	3/4	4,990.56	3/4	5,871.36	3/4	6,736.67
3	44.62	3	425.02	3	991.74	3	1,676.64	3	2,444.00	3	3,268.48	3	4,129.52	3	5,008.95	3	5,889.62	3	6,754.43
1/4	49.86	1/4	435.39	1/4	1,005.03	1/4	1,691.94	1/4	2,460.71	1/4	3,286.13	1/4	4,147.73	1/4	5,027.35	1/4	5,907.85	1/4	6,772.13
1/2	55.11	1/2	445.76	1/2	1,018.32	1/2	1,707.24	1/2	2,477.42	1/2	3,303.79	1/2	4,165.94	1/2	5,045.74	1/2	5,926.07	1/2	6,789.83
3/4	60.35	3/4	456.13	3/4	1,031.61	3/4	1,722.54	3/4	2,494.13	3/4	3,321.44	3/4	4,184.15	3/4	5,064.13	3/4	5,944.30	3/4	6,807.54
4	65.60	4	466.50	4	1,044.90	4	1,737.83	4	2,510.83	4	3,339.10	4	4,202.36	4	5,082.52	4	5,962.52	4	6,825.24
1/4	71.48	1/4	477.16	1/4	1,058.39	1/4	1,753.27	1/4	2,527.63	1/4	3,356.81	1/4	4,220.59	1/4	5,100.92	1/4	5,980.72	1/4	6,842.88
1/2	77.36	1/2	487.82	1/2	1,071.88	1/2	1,768.70	1/2	2,544.43	1/2	3,374.52	1/2	4,238.82	1/2	5,119.31	1/2	5,998.92	1/2	6,860.51
3/4	83.24	3/4	498.48	3/4	1,085.37	3/4	1,784.14	3/4	2,561.23	3/4	3,392.24	3/4	4,257.05	3/4	5,137.70	3/4	6,017.11	3/4	6,878.15
5	89.12	5	509.14	5	1,098.86	5	1,799.57	5	2,578.02	5	3,409.95	5	4,275.29	5	5,156.10	5	6,035.31	5	6,895.79
1/4	95.57	1/4	520.09	1/4	1,112.53	1/4	1,815.14	1/4	2,594.92	1/4	3,427.73	1/4	4,293.55	1/4	5,174.49	1/4	6,053.48	1/4	6,913.36
1/2	102.01	1/2	531.04	1/2	1,126.20	1/2	1,830.71	1/2	2,611.82	1/2	3,445.50	1/2	4,311.81	1/2	5,192.88	1/2	6,071.64	1/2	6,930.94
3/4	108.46	3/4	541.98	3/4	1,139.88	3/4	1,846.29	3/4	2,628.72	3/4	3,463.27	3/4	4,330.07	3/4	5,211.27	3/4	6,089.81	3/4	6,948.52
6	114.90	6	552.93	6	1,153.55	6	1,861.86	6	2,645.62	6	3,481.05	6	4,348.33	6	5,229.67	6	6,107.98	6	6,966.10
1/4	121.87	1/4	564.15	1/4	1,167.41	1/4	1,877.55	1/4	2,662.60	1/4	3,498.88	1/4	4,366.62	1/4	5,248.05	1/4	6,126.11	1/4	6,983.60
1/2	128.83	1/2	575.37	1/2	1,181.27	1/2	1,893.25	1/2	2,679.58	1/2	3,516.70	1/2	4,384.90	1/2	5,266.44	1/2	6,144.24	1/2	7,001.11
3/4	135.80	3/4	586.59	3/4	1,195.14	3/4	1,908.95	3/4	2,696.57	3/4	3,534.53	3/4	4,403.19	3/4	5,284.83	3/4	6,162.37	3/4	7,018.61
7	142.76	7	597.81	7	1,209.00	7	1,924.64	7	2,713.55	7	3,552.36	7	4,421.48	7	5,303.21	7	6,180.50	7	7,036.12
1/4	150.20	1/4	609.29	1/4	1,223.04	1/4	1,940.47	1/4	2,730.62	1/4	3,570.24	1/4	4,439.79	1/4	5,321.59	1/4	6,198.60	1/4	7,053.56
1/2	157.63	1/2	620.76	1/2	1,237.08	1/2	1,956.30	1/2	2,747.69	1/2	3,588.12	1/2	4,458.10	1/2	5,339.96	1/2	6,216.69	1/2	7,071.00
3/4	165.07	3/4	632.24	3/4	1,251.12	3/4	1,972.13	3/4	2,764.76	3/4	3,606.00	3/4	4,476.40	3/4	5,358.34	3/4	6,234.79	3/4	7,088.44
8	172.50	8	643.71	8	1,265.17	8	1,987.95	8	2,781.83	8	3,623.88	8	4,494.71	8	5,376.71	8	6,252.88	8	7,105.88
1/4	180.38	1/4	655.45	1/4	1,279.37	1/4	2,003.90	1/4	2,798.99	1/4	3,641.81	1/4	4,513.04	1/4	5,395.08	1/4	6,270.93	1/4	7,123.24
1/2	188.26	1/2	667.19	1/2	1,293.58	1/2	2,019.85	1/2	2,816.14	1/2	3,659.74	1/2	4,531.37	1/2	5,413.45	1/2	6,288.99	1/2	7,140.61
3/4	196.14	3/4	678.93	3/4	1,307.79	3/4	2,035.79	3/4	2,833.30	3/4	3,677.67	3/4	4,549.70	3/4	5,431.82	3/4	6,307.04	3/4	7,157.97
9	204.02	9	690.67	9	1,322.00	9	2,051.74	9	2,850.45	9	3,695.60	9	4,568.02	9	5,450.19	9	6,325.10	9	7,175.33
1/4	212.32	1/4	702.64	1/4	1,336.39	1/4	2,067.81	1/4	2,867.68	1/4	3,713.57	1/4	4,586.37	1/4	5,468.55	1/4	6,343.11	1/4	7,192.63
1/2	220.62	1/2	714.62	1/2	1,350.77	1/2	2,083.88	1/2	2,884.92	1/2	3,731.55	1/2	4,604.71	1/2	5,486.90	1/2	6,361.12	1/2	7,209.92
3/4	228.92	3/4	726.60	3/4	1,365.16	3/4	2,099.95	3/4	2,902.15	3/4	3,749.52	3/4	4,623.06	3/4	5,505.26	3/4	6,379.13	3/4	7,227.21
10	237.21	10	738.57	10	1,379.55	10	2,116.02	10	2,919.38	10	3,767.50	10	4,641.40	10	5,523.62	10	6,397.14	10	7,244.50
1/4	245.90	1/4	750.79	1/4	1,394.09	1/4	2,132.20	1/4	2,936.70	1/4	3,785.52	1/4	4,659.76	1/4	5,541.96	1/4	6,415.11	1/4	7,261.71
1/2	254.58	1/2	763.00	1/2	1,408.63	1/2	2,148.38	1/2	2,954.01	1/2	3,803.55	1/2	4,678.12	1/2	5,560.30	1/2	6,433.07	1/2	7,278.93
3/4	263.27	3/4	775.21	3/4	1,423.17	3/4	2,164.56	3/4	2,971.33	3/4	3,821.57	3/4	4,696.48	3/4	5,578.64	3/4	6,451.04	3/4	7,296.14
11	271.95	11	787.43	11	1,437.71	11	2,180.74	11	2,988.64	11	3,839.60	11	4,714.83	11	5,596.98	11	6,469.00	11	7,313.36
1/4	281.01	1/4	799.87	1/4	1,452.42	1/4	2,197.33	1/4	3,006.02	1/4	3,857.66	1/4	4,733.20	1/4	5,615.30	1/4	6,486.92	1/4	7,330.49
1/2	290.06	1/2	812.32	1/2	1,467.13	1/2	2,213.32	1/2	3,023.40	1/2	3,875.73	1/2	4,751.57	1/2	5,633.62	1/2	6,504.83	1/2	7,347.63
3/4	299.11	3/4	824.77	3/4	1,481.84	3/4	2,229.61	3/4	3,040.79	3/4	3,893.79	3/4	4,769.94	3/4	5,651.94	3/4	6,522.75	3/4	7,364.77

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BARGE "KIRBY 30800"

PORT HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "COMMANCHE"

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	7,381.90	0	8,174.52	0	8,895.50	0	9,514.36	0	9,981.50	0		0		0		0		0	
1/4	7,398.95	1/4	8,190.32	1/4	8,909.49	1/4	9,525.77	1/4	9,988.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,416.00	1/2	8,206.11	1/2	8,923.49	1/2	9,537.19	1/2	9,996.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,433.05	3/4	8,221.90	3/4	8,937.48	3/4	9,548.61	3/4	10,003.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	7,450.10	1	8,237.69	1	8,951.48	1	9,560.02	1	10,010.79	1	1	1	1	1	1	1	1	1	1
1/4	7,467.05	1/4	8,253.36	1/4	8,965.29	1/4	9,571.17	1/4	10,017.62	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,484.01	1/2	8,269.02	1/2	8,979.11	1/2	9,582.32	1/2	10,024.45	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,500.97	3/4	8,284.69	3/4	8,992.92	3/4	9,593.47	3/4	10,031.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	7,517.93	2	8,300.36	2	9,006.74	2	9,604.62	2	10,038.12	2	2	2	2	2	2	2	2	2	2
1/4	7,534.80	1/4	8,315.89	1/4	9,020.36	1/4	9,615.49	1/4	10,044.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,551.68	1/2	8,331.43	1/2	9,033.99	1/2	9,626.37	1/2	10,050.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,568.55	3/4	8,346.96	3/4	9,047.61	3/4	9,637.24	3/4	10,057.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	7,585.43	3	8,362.50	3	9,061.24	3	9,648.12	3	10,063.33	3	3	3	3	3	3	3	3	3	3
1/4	7,602.21	1/4	8,377.90	1/4	9,074.67	1/4	9,658.71	1/4	10,069.06	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,618.99	1/2	8,393.30	1/2	9,088.11	1/2	9,669.30	1/2	10,074.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,635.77	3/4	8,408.70	3/4	9,101.54	3/4	9,679.89	3/4	10,080.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	7,652.55	4	8,424.10	4	9,114.98	4	9,690.48	4	10,086.24	4	4	4	4	4	4	4	4	4	4
1/4	7,669.23	1/4	8,439.36	1/4	9,128.22	1/4	9,700.77	1/4	10,091.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,685.90	1/2	8,454.62	1/2	9,141.46	1/2	9,711.06	1/2	10,096.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,702.58	3/4	8,469.88	3/4	9,154.71	3/4	9,721.35	3/4	10,101.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	7,719.26	5	8,485.14	5	9,167.95	5	9,731.64	5	10,106.50	5	5	5	5	5	5	5	5	5	5
1/4	7,735.85	1/4	8,500.26	1/4	9,180.99	1/4	9,741.63	1/4	10,110.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,752.43	1/2	8,515.38	1/2	9,194.02	1/2	9,751.61	1/2	10,115.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,769.01	3/4	8,530.50	3/4	9,207.06	3/4	9,761.59	3/4	10,119.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	7,785.60	6	8,545.62	6	9,220.10	6	9,771.57	6	10,123.74	6	6	6	6	6	6	6	6	6	6
1/4	7,802.08	1/4	8,560.59	1/4	9,232.92	1/4	9,781.23	1/4	10,127.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,818.56	1/2	8,575.56	1/2	9,245.75	1/2	9,790.88	1/2	10,130.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,835.04	3/4	8,590.53	3/4	9,258.58	3/4	9,800.54	3/4	10,133.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7,851.52	7	8,605.50	7	9,271.40	7	9,810.19	7	10,137.12	7	7	7	7	7	7	7	7	7	7
1/4	7,867.90	1/4	8,620.32	1/4	9,284.01	1/4	9,819.51	1/4	10,139.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,884.27	1/2	8,635.14	1/2	9,296.62	1/2	9,828.83	1/2	10,141.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,900.65	3/4	8,649.96	3/4	9,309.23	3/4	9,838.15	3/4	10,143.71	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	7,917.02	8	8,664.79	8	9,321.83	8	9,847.48	8	10,145.90	8	8	8	8	8	8	8	8	8	8
1/4	7,933.29	1/4	8,679.45	1/4	9,334.22	1/4	9,856.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,949.56	1/2	8,694.12	1/2	9,346.61	1/2	9,865.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,965.83	3/4	8,708.79	3/4	9,358.99	3/4	9,874.35	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	7,982.10	9	8,723.45	9	9,371.38	9	9,883.31	9		9	9	9	9	9	9	9	9	9	9
1/4	7,998.24	1/4	8,737.95	1/4	9,383.54	1/4	9,891.90	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	8,014.39	1/2	8,752.45	1/2	9,395.69	1/2	9,900.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	8,030.54	3/4	8,766.95	3/4	9,407.85	3/4	9,909.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	8,046.69	10	8,781.45	10	9,420.00	10	9,917.67	10		10	10	10	10	10	10	10	10	10	10
1/4	8,062.73	1/4	8,795.79	1/4	9,431.92	1/4	9,925.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	8,078.77	1/2	8,810.13	1/2	9,443.83	1/2	9,934.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	8,094.82	3/4	8,824.47	3/4	9,455.75	3/4	9,942.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	8,110.86	11	8,838.81	11	9,467.67	11	9,950.43	11		11	11	11	11	11	11	11	11	11	11
1/4	8,126.77	1/4	8,852.98	1/4	9,479.34	1/4	9,958.20	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	8,142.69	1/2	8,867.15	1/2	9,491.01	1/2	9,965.96	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	8,158.61	3/4	8,881.33	3/4	9,502.68	3/4	9,973.73	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 10/22/1990 EWS
RECALCULATED: 09/25/2019 PMA
NAME CHANGE: 09/25/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

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 30800"

CENTER HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "COMMANCHE"

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	2.69	0	308.17	0	837.21	0	1,496.55	0	2,245.93	0	3,058.19	0	3,911.88	0	4,788.36	0	5,670.31	0	6,540.71
1/4	5.03	1/4	317.58	1/4	849.88	1/4	1,511.40	1/4	2,262.33	1/4	3,075.65	1/4	3,929.98	1/4	4,806.74	1/4	5,688.61	1/4	6,558.58
1/2	7.37	1/2	326.99	1/2	862.55	1/2	1,526.26	1/2	2,278.74	1/2	3,093.11	1/2	3,948.08	1/2	4,825.12	1/2	5,706.92	1/2	6,576.45
3/4	9.71	3/4	336.40	3/4	875.21	3/4	1,541.12	3/4	2,295.14	3/4	3,110.57	3/4	3,966.18	3/4	4,843.50	3/4	5,725.22	3/4	6,594.32
1	12.05	1	345.81	1	887.88	1	1,555.98	1	2,311.55	1	3,128.02	1	3,984.29	1	4,861.88	1	5,743.52	1	6,612.19
1/4	15.67	1/4	355.55	1/4	900.76	1/4	1,570.99	1/4	2,328.05	1/4	3,145.55	1/4	4,002.43	1/4	4,880.27	1/4	5,761.80	1/4	6,630.01
1/2	19.30	1/2	365.29	1/2	913.63	1/2	1,586.00	1/2	2,344.56	1/2	3,163.07	1/2	4,020.57	1/2	4,898.65	1/2	5,780.08	1/2	6,647.82
3/4	22.92	3/4	375.02	3/4	926.51	3/4	1,601.01	3/4	2,361.07	3/4	3,180.60	3/4	4,038.71	3/4	4,917.04	3/4	5,798.36	3/4	6,665.64
2	26.55	2	384.76	2	939.38	2	1,616.02	2	2,377.57	2	3,198.12	2	4,056.86	2	4,935.43	2	5,816.64	2	6,683.45
1/4	31.07	1/4	394.83	1/4	952.47	1/4	1,631.18	1/4	2,394.18	1/4	3,215.71	1/4	4,075.03	1/4	4,953.82	1/4	5,834.90	1/4	6,701.21
1/2	35.58	1/2	404.89	1/2	965.56	1/2	1,646.33	1/2	2,410.79	1/2	3,233.31	1/2	4,093.20	1/2	4,972.20	1/2	5,853.15	1/2	6,718.96
3/4	40.10	3/4	414.96	3/4	978.65	3/4	1,661.49	3/4	2,427.39	3/4	3,250.90	3/4	4,111.38	3/4	4,990.59	3/4	5,871.41	3/4	6,736.72
3	44.62	3	425.02	3	991.74	3	1,676.64	3	2,444.00	3	3,268.50	3	4,129.55	3	5,008.98	3	5,889.67	3	6,754.48
1/4	49.86	1/4	435.39	1/4	1,005.03	1/4	1,691.94	1/4	2,460.71	1/4	3,286.15	1/4	4,147.76	1/4	5,027.37	1/4	5,907.89	1/4	6,772.18
1/2	55.11	1/2	445.76	1/2	1,018.32	1/2	1,707.24	1/2	2,477.42	1/2	3,303.81	1/2	4,165.96	1/2	5,045.77	1/2	5,926.12	1/2	6,789.88
3/4	60.35	3/4	456.13	3/4	1,031.61	3/4	1,722.54	3/4	2,494.13	3/4	3,321.46	3/4	4,184.17	3/4	5,064.17	3/4	5,944.35	3/4	6,807.58
4	65.60	4	466.50	4	1,044.90	4	1,737.83	4	2,510.83	4	3,339.12	4	4,202.38	4	5,082.57	4	5,962.57	4	6,825.29
1/4	71.48	1/4	477.16	1/4	1,058.39	1/4	1,753.27	1/4	2,527.64	1/4	3,356.83	1/4	4,220.61	1/4	5,100.96	1/4	5,980.77	1/4	6,842.92
1/2	77.36	1/2	487.82	1/2	1,071.88	1/2	1,768.71	1/2	2,544.44	1/2	3,374.55	1/2	4,238.85	1/2	5,119.36	1/2	5,998.96	1/2	6,860.56
3/4	83.24	3/4	498.48	3/4	1,085.37	3/4	1,784.15	3/4	2,561.24	3/4	3,392.26	3/4	4,257.08	3/4	5,137.75	3/4	6,017.16	3/4	6,878.20
5	89.12	5	509.14	5	1,098.86	5	1,799.60	5	2,578.05	5	3,409.98	5	4,275.31	5	5,156.14	5	6,035.36	5	6,895.83
1/4	95.57	1/4	520.09	1/4	1,112.54	1/4	1,815.16	1/4	2,594.94	1/4	3,427.75	1/4	4,293.57	1/4	5,174.53	1/4	6,053.52	1/4	6,913.41
1/2	102.01	1/2	531.04	1/2	1,126.21	1/2	1,830.73	1/2	2,611.83	1/2	3,445.52	1/2	4,311.83	1/2	5,192.92	1/2	6,071.69	1/2	6,930.99
3/4	108.46	3/4	541.98	3/4	1,139.89	3/4	1,846.29	3/4	2,628.73	3/4	3,463.30	3/4	4,330.10	3/4	5,211.30	3/4	6,089.86	3/4	6,948.57
6	114.90	6	552.93	6	1,153.57	6	1,861.86	6	2,645.62	6	3,481.07	6	4,348.36	6	5,229.69	6	6,108.02	6	6,966.14
1/4	121.87	1/4	564.15	1/4	1,167.43	1/4	1,877.56	1/4	2,662.61	1/4	3,498.90	1/4	4,366.64	1/4	5,248.08	1/4	6,126.15	1/4	6,983.65
1/2	128.83	1/2	575.37	1/2	1,181.29	1/2	1,893.26	1/2	2,679.60	1/2	3,516.73	1/2	4,384.93	1/2	5,266.46	1/2	6,144.29	1/2	7,001.15
3/4	135.80	3/4	586.59	3/4	1,195.14	3/4	1,908.96	3/4	2,696.58	3/4	3,534.55	3/4	4,403.21	3/4	5,284.85	3/4	6,162.42	3/4	7,018.66
7	142.76	7	597.81	7	1,209.00	7	1,924.67	7	2,713.57	7	3,552.38	7	4,421.50	7	5,303.24	7	6,180.55	7	7,036.17
1/4	150.20	1/4	609.29	1/4	1,223.04	1/4	1,940.49	1/4	2,730.64	1/4	3,570.26	1/4	4,439.81	1/4	5,321.62	1/4	6,198.64	1/4	7,053.61
1/2	157.63	1/2	620.76	1/2	1,237.08	1/2	1,956.31	1/2	2,747.71	1/2	3,588.14	1/2	4,458.12	1/2	5,340.00	1/2	6,216.74	1/2	7,071.05
3/4	165.07	3/4	632.24	3/4	1,251.12	3/4	1,972.13	3/4	2,764.79	3/4	3,606.02	3/4	4,476.43	3/4	5,358.38	3/4	6,234.83	3/4	7,088.49
8	172.50	8	643.71	8	1,265.17	8	1,987.95	8	2,781.86	8	3,623.90	8	4,494.74	8	5,376.76	8	6,252.93	8	7,105.93
1/4	180.38	1/4	655.45	1/4	1,279.38	1/4	2,003.90	1/4	2,799.01	1/4	3,641.83	1/4	4,513.07	1/4	5,395.13	1/4	6,270.98	1/4	7,123.30
1/2	188.26	1/2	667.19	1/2	1,293.60	1/2	2,019.86	1/2	2,816.17	1/2	3,659.76	1/2	4,531.39	1/2	5,413.49	1/2	6,289.04	1/2	7,140.67
3/4	196.14	3/4	678.93	3/4	1,307.81	3/4	2,035.81	3/4	2,833.32	3/4	3,677.69	3/4	4,549.72	3/4	5,431.85	3/4	6,307.09	3/4	7,158.04
9	204.02	9	690.67	9	1,322.02	9	2,051.76	9	2,850.48	9	3,695.62	9	4,568.05	9	5,450.21	9	6,325.14	9	7,175.40
1/4	212.32	1/4	702.64	1/4	1,336.40	1/4	2,067.83	1/4	2,867.71	1/4	3,713.60	1/4	4,586.39	1/4	5,468.57	1/4	6,343.15	1/4	7,192.70
1/2	220.62	1/2	714.62	1/2	1,350.79	1/2	2,083.89	1/2	2,884.94	1/2	3,731.57	1/2	4,604.74	1/2	5,486.93	1/2	6,361.17	1/2	7,209.99
3/4	228.92	3/4	726.60	3/4	1,365.17	3/4	2,099.96	3/4	2,902.17	3/4	3,749.55	3/4	4,623.08	3/4	5,505.29	3/4	6,379.18	3/4	7,227.28
10	237.21	10	738.57	10	1,379.55	10	2,116.02	10	2,919.40	10	3,767.52	10	4,641.43	10	5,523.64	10	6,397.19	10	7,244.57
1/4	245.90	1/4	750.79	1/4	1,394.10	1/4	2,132.21	1/4	2,936.71	1/4	3,785.55	1/4	4,659.79	1/4	5,541.98	1/4	6,415.15	1/4	7,261.79
1/2	254.58	1/2	763.00	1/2	1,408.64	1/2	2,148.39	1/2	2,954.02	1/2	3,803.57	1/2	4,678.14	1/2	5,560.32	1/2	6,433.12	1/2	7,279.00
3/4	263.27	3/4	775.21	3/4	1,423.19	3/4	2,164.58	3/4	2,971.33	3/4	3,821.60	3/4	4,696.50	3/4	5,578.66	3/4	6,451.08	3/4	7,296.21
11	271.95	11	787.43	11	1,437.74	11	2,180.76	11	2,988.64	11	3,839.62	11	4,714.86	11	5,597.00	11	6,469.05	11	7,313.43
1/4	281.01	1/4	799.87	1/4	1,452.44	1/4	2,197.05	1/4	3,006.03	1/4	3,857.68	1/4	4,733.23	1/4	5,615.33	1/4	6,486.96	1/4	7,330.56
1/2	290.06	1/2	812.32	1/2	1,467.14	1/2	2,213.35	1/2	3,023.42	1/2	3,875.75	1/2	4,751.61	1/2	5,633.65	1/2	6,504.88	1/2	7,347.69
3/4	299.11	3/4	824.77	3/4	1,481.85	3/4	2,229.64	3/4	3,040.80	3/4	3,893.82	3/4	4,769.98	3/4	5,651.98	3/4	6,522.80	3/4	7,364.82

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 30800"

CENTER HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "COMMANCHE"

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	7,381.95	0	8,174.60	0	8,895.57	0	9,514.48	0	9,981.64	0		0		0		0		0	
1/4	7,399.00	1/4	8,190.39	1/4	8,909.57	1/4	9,525.89	1/4	9,988.96	1/4		1/4		1/4		1/4		1/4	
1/2	7,416.05	1/2	8,206.18	1/2	8,923.56	1/2	9,537.30	1/2	9,996.29	1/2		1/2		1/2		1/2		1/2	
3/4	7,433.10	3/4	8,221.97	3/4	8,937.55	3/4	9,548.71	3/4	10,003.61	3/4		3/4		3/4		3/4		3/4	
1	7,450.14	1	8,237.76	1	8,951.55	1	9,560.12	1	10,010.93	1		1		1		1		1	
1/4	7,467.11	1/4	8,253.43	1/4	8,965.36	1/4	9,571.27	1/4	10,017.76	1/4		1/4		1/4		1/4		1/4	
1/2	7,484.07	1/2	8,269.10	1/2	8,979.18	1/2	9,582.43	1/2	10,024.60	1/2		1/2		1/2		1/2		1/2	
3/4	7,501.04	3/4	8,284.76	3/4	8,992.99	3/4	9,593.58	3/4	10,031.43	3/4		3/4		3/4		3/4		3/4	
2	7,518.00	2	8,300.43	2	9,006.81	2	9,604.74	2	10,038.26	2		2		2		2		2	
1/4	7,534.87	1/4	8,315.96	1/4	9,020.44	1/4	9,615.61	1/4	10,044.57	1/4		1/4		1/4		1/4		1/4	
1/2	7,551.74	1/2	8,331.50	1/2	9,034.07	1/2	9,626.49	1/2	10,050.87	1/2		1/2		1/2		1/2		1/2	
3/4	7,568.61	3/4	8,347.04	3/4	9,047.70	3/4	9,637.36	3/4	10,057.17	3/4		3/4		3/4		3/4		3/4	
3	7,585.48	3	8,362.57	3	9,061.33	3	9,648.24	3	10,063.48	3		3		3		3		3	
1/4	7,602.26	1/4	8,377.97	1/4	9,074.77	1/4	9,658.83	1/4	10,069.20	1/4		1/4		1/4		1/4		1/4	
1/2	7,619.04	1/2	8,393.37	1/2	9,088.20	1/2	9,669.42	1/2	10,074.93	1/2		1/2		1/2		1/2		1/2	
3/4	7,635.82	3/4	8,408.77	3/4	9,101.64	3/4	9,680.01	3/4	10,080.65	3/4		3/4		3/4		3/4		3/4	
4	7,652.60	4	8,424.17	4	9,115.07	4	9,690.60	4	10,086.38	4		4		4		4		4	
1/4	7,669.28	1/4	8,439.43	1/4	9,128.32	1/4	9,700.89	1/4	10,091.45	1/4		1/4		1/4		1/4		1/4	
1/2	7,685.96	1/2	8,454.69	1/2	9,141.56	1/2	9,711.18	1/2	10,096.52	1/2		1/2		1/2		1/2		1/2	
3/4	7,702.65	3/4	8,469.95	3/4	9,154.80	3/4	9,721.47	3/4	10,101.60	3/4		3/4		3/4		3/4		3/4	
5	7,719.33	5	8,485.21	5	9,168.05	5	9,731.76	5	10,106.67	5		5		5		5		5	
1/4	7,735.92	1/4	8,500.33	1/4	9,181.08	1/4	9,741.74	1/4	10,110.97	1/4		1/4		1/4		1/4		1/4	
1/2	7,752.50	1/2	8,515.45	1/2	9,194.12	1/2	9,751.73	1/2	10,115.27	1/2		1/2		1/2		1/2		1/2	
3/4	7,769.08	3/4	8,530.57	3/4	9,207.15	3/4	9,761.71	3/4	10,119.58	3/4		3/4		3/4		3/4		3/4	
6	7,785.67	6	8,545.69	6	9,220.19	6	9,771.69	6	10,123.88	6		6		6		6		6	
1/4	7,802.15	1/4	8,560.67	1/4	9,233.02	1/4	9,781.35	1/4	10,127.23	1/4		1/4		1/4		1/4		1/4	
1/2	7,818.63	1/2	8,575.64	1/2	9,245.85	1/2	9,791.00	1/2	10,130.58	1/2		1/2		1/2		1/2		1/2	
3/4	7,835.11	3/4	8,590.62	3/4	9,258.67	3/4	9,800.65	3/4	10,133.93	3/4		3/4		3/4		3/4		3/4	
7	7,851.60	7	8,605.60	7	9,271.50	7	9,810.31	7	10,137.29	7		7		7		7		7	
1/4	7,867.97	1/4	8,620.41	1/4	9,284.11	1/4	9,819.63	1/4	10,139.49	1/4		1/4		1/4		1/4		1/4	
1/2	7,884.35	1/2	8,635.23	1/2	9,296.71	1/2	9,828.95	1/2	10,141.69	1/2		1/2		1/2		1/2		1/2	
3/4	7,900.72	3/4	8,650.04	3/4	9,309.32	3/4	9,838.27	3/4	10,143.89	3/4		3/4		3/4		3/4		3/4	
8	7,917.10	8	8,664.86	8	9,321.93	8	9,847.60	8	10,146.10	8		8		8		8		8	
1/4	7,933.36	1/4	8,679.52	1/4	9,334.32	1/4	9,856.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	7,949.63	1/2	8,694.19	1/2	9,346.70	1/2	9,865.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7,965.90	3/4	8,708.86	3/4	9,359.09	3/4	9,874.49	3/4		3/4		3/4		3/4		3/4		3/4	
9	7,982.17	9	8,723.52	9	9,371.48	9	9,883.45	9		9		9		9		9		9	
1/4	7,998.32	1/4	8,738.03	1/4	9,383.64	1/4	9,892.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	8,014.46	1/2	8,752.54	1/2	9,395.80	1/2	9,900.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	8,030.61	3/4	8,767.04	3/4	9,407.96	3/4	9,909.20	3/4		3/4		3/4		3/4		3/4		3/4	
10	8,046.76	10	8,781.55	10	9,420.12	10	9,917.79	10		10		10		10		10		10	
1/4	8,062.80	1/4	8,795.89	1/4	9,432.04	1/4	9,925.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	8,078.83	1/2	8,810.23	1/2	9,443.95	1/2	9,934.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	8,094.87	3/4	8,824.57	3/4	9,455.87	3/4	9,942.38	3/4		3/4		3/4		3/4		3/4		3/4	
11	8,110.90	11	8,838.90	11	9,467.79	11	9,950.57	11		11		11		11		11		11	
1/4	8,126.83	1/4	8,853.07	1/4	9,479.46	1/4	9,958.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	8,142.75	1/2	8,867.24	1/2	9,491.13	1/2	9,966.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	8,158.67	3/4	8,881.40	3/4	9,502.80	3/4	9,973.88	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 10/22/1990 EWS
RECALCULATED: 09/25/2019 PMA
NAME CHANGE: 09/25/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

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 30800"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "COMMANCHE"

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	2.69	0	308.17	0	837.21	0	1,496.55	0	2,245.93	0	3,058.19	0	3,911.88	0	4,788.36	0	5,670.31	0	6,540.74
1/4	5.03	1/4	317.58	1/4	849.88	1/4	1,511.41	1/4	2,262.33	1/4	3,075.65	1/4	3,929.98	1/4	4,806.74	1/4	5,688.61	1/4	6,558.60
1/2	7.37	1/2	326.99	1/2	862.55	1/2	1,526.27	1/2	2,278.74	1/2	3,093.11	1/2	3,948.08	1/2	4,825.12	1/2	5,706.92	1/2	6,576.46
3/4	9.71	3/4	336.40	3/4	875.21	3/4	1,541.14	3/4	2,295.14	3/4	3,110.57	3/4	3,966.18	3/4	4,843.50	3/4	5,725.22	3/4	6,594.33
1	12.05	1	345.81	1	887.88	1	1,556.00	1	2,311.55	1	3,128.02	1	3,984.29	1	4,861.88	1	5,743.52	1	6,612.19
1/4	15.67	1/4	355.55	1/4	900.76	1/4	1,571.01	1/4	2,328.05	1/4	3,145.55	1/4	4,002.43	1/4	4,880.27	1/4	5,761.80	1/4	6,630.01
1/2	19.30	1/2	365.29	1/2	913.63	1/2	1,586.01	1/2	2,344.56	1/2	3,163.07	1/2	4,020.57	1/2	4,898.65	1/2	5,780.08	1/2	6,647.82
3/4	22.92	3/4	375.02	3/4	926.51	3/4	1,601.02	3/4	2,361.07	3/4	3,180.60	3/4	4,038.71	3/4	4,917.04	3/4	5,798.36	3/4	6,665.64
2	26.55	2	384.76	2	939.38	2	1,616.02	2	2,377.57	2	3,198.12	2	4,056.86	2	4,935.43	2	5,816.64	2	6,683.45
1/4	31.07	1/4	394.83	1/4	952.47	1/4	1,631.18	1/4	2,394.18	1/4	3,215.71	1/4	4,075.03	1/4	4,953.82	1/4	5,834.90	1/4	6,701.21
1/2	35.58	1/2	404.89	1/2	965.56	1/2	1,646.33	1/2	2,410.79	1/2	3,233.31	1/2	4,093.20	1/2	4,972.21	1/2	5,853.15	1/2	6,718.98
3/4	40.10	3/4	414.96	3/4	978.65	3/4	1,661.49	3/4	2,427.39	3/4	3,250.90	3/4	4,111.38	3/4	4,990.61	3/4	5,871.41	3/4	6,736.74
3	44.62	3	425.02	3	991.74	3	1,676.64	3	2,444.00	3	3,268.50	3	4,129.55	3	5,009.00	3	5,889.67	3	6,754.50
1/4	49.86	1/4	435.39	1/4	1,005.03	1/4	1,691.95	1/4	2,460.71	1/4	3,286.15	1/4	4,147.76	1/4	5,027.39	1/4	5,907.89	1/4	6,772.20
1/2	55.11	1/2	445.76	1/2	1,018.32	1/2	1,707.25	1/2	2,477.42	1/2	3,303.81	1/2	4,165.96	1/2	5,045.79	1/2	5,926.12	1/2	6,789.89
3/4	60.35	3/4	456.13	3/4	1,031.61	3/4	1,722.55	3/4	2,494.13	3/4	3,321.46	3/4	4,184.17	3/4	5,064.18	3/4	5,944.35	3/4	6,807.59
4	65.60	4	466.50	4	1,044.90	4	1,737.86	4	2,510.83	4	3,339.12	4	4,202.38	4	5,082.57	4	5,962.57	4	6,825.29
1/4	71.48	1/4	477.16	1/4	1,058.39	1/4	1,753.29	1/4	2,527.64	1/4	3,356.83	1/4	4,220.62	1/4	5,100.96	1/4	5,980.77	1/4	6,842.93
1/2	77.36	1/2	487.82	1/2	1,071.88	1/2	1,768.73	1/2	2,544.44	1/2	3,374.55	1/2	4,238.86	1/2	5,119.36	1/2	5,998.98	1/2	6,860.57
3/4	83.24	3/4	498.48	3/4	1,085.37	3/4	1,784.16	3/4	2,561.24	3/4	3,392.26	3/4	4,257.10	3/4	5,137.75	3/4	6,017.18	3/4	6,878.21
5	89.12	5	509.14	5	1,098.86	5	1,799.60	5	2,578.05	5	3,409.98	5	4,275.33	5	5,156.14	5	6,035.38	5	6,895.86
1/4	95.57	1/4	520.09	1/4	1,112.54	1/4	1,815.16	1/4	2,594.95	1/4	3,427.75	1/4	4,293.60	1/4	5,174.54	1/4	6,053.55	1/4	6,913.43
1/2	102.01	1/2	531.04	1/2	1,126.21	1/2	1,830.73	1/2	2,611.85	1/2	3,445.52	1/2	4,311.86	1/2	5,192.93	1/2	6,071.71	1/2	6,931.00
3/4	108.46	3/4	541.98	3/4	1,139.89	3/4	1,846.29	3/4	2,628.74	3/4	3,463.30	3/4	4,330.12	3/4	5,211.32	3/4	6,089.88	3/4	6,948.57
6	114.90	6	552.93	6	1,153.57	6	1,861.86	6	2,645.64	6	3,481.07	6	4,348.38	6	5,229.71	6	6,108.05	6	6,966.14
1/4	121.87	1/4	564.15	1/4	1,167.43	1/4	1,877.56	1/4	2,662.63	1/4	3,498.90	1/4	4,366.67	1/4	5,248.10	1/4	6,126.18	1/4	6,983.65
1/2	128.83	1/2	575.37	1/2	1,181.29	1/2	1,893.26	1/2	2,679.61	1/2	3,516.73	1/2	4,384.95	1/2	5,266.49	1/2	6,144.31	1/2	7,001.17
3/4	135.80	3/4	586.59	3/4	1,195.14	3/4	1,908.96	3/4	2,696.59	3/4	3,534.55	3/4	4,403.24	3/4	5,284.88	3/4	6,162.44	3/4	7,018.68
7	142.76	7	597.81	7	1,209.00	7	1,924.67	7	2,713.57	7	3,552.38	7	4,421.52	7	5,303.26	7	6,180.57	7	7,036.19
1/4	150.20	1/4	609.29	1/4	1,223.04	1/4	1,940.49	1/4	2,730.64	1/4	3,570.26	1/4	4,439.83	1/4	5,321.64	1/4	6,198.66	1/4	7,053.63
1/2	157.63	1/2	620.76	1/2	1,237.08	1/2	1,956.32	1/2	2,747.71	1/2	3,588.14	1/2	4,458.14	1/2	5,340.01	1/2	6,216.75	1/2	7,071.07
3/4	165.07	3/4	632.24	3/4	1,251.12	3/4	1,972.15	3/4	2,764.79	3/4	3,606.02	3/4	4,476.45	3/4	5,358.39	3/4	6,234.84	3/4	7,088.51
8	172.50	8	643.71	8	1,265.17	8	1,987.98	8	2,781.86	8	3,623.90	8	4,494.76	8	5,376.76	8	6,252.93	8	7,105.95
1/4	180.38	1/4	655.45	1/4	1,279.38	1/4	2,003.92	1/4	2,799.01	1/4	3,641.83	1/4	4,513.09	1/4	5,395.13	1/4	6,270.98	1/4	7,123.32
1/2	188.26	1/2	667.19	1/2	1,293.60	1/2	2,019.87	1/2	2,816.17	1/2	3,659.76	1/2	4,531.42	1/2	5,413.50	1/2	6,289.04	1/2	7,140.68
3/4	196.14	3/4	678.93	3/4	1,307.81	3/4	2,035.82	3/4	2,833.32	3/4	3,677.69	3/4	4,549.74	3/4	5,431.87	3/4	6,307.09	3/4	7,158.04
9	204.02	9	690.67	9	1,322.02	9	2,051.76	9	2,850.48	9	3,695.62	9	4,568.07	9	5,450.24	9	6,325.14	9	7,175.40
1/4	212.32	1/4	702.64	1/4	1,336.40	1/4	2,067.83	1/4	2,867.71	1/4	3,713.60	1/4	4,586.41	1/4	5,468.60	1/4	6,343.15	1/4	7,192.70
1/2	220.62	1/2	714.62	1/2	1,350.79	1/2	2,083.89	1/2	2,884.94	1/2	3,731.58	1/2	4,604.75	1/2	5,486.95	1/2	6,361.17	1/2	7,209.99
3/4	228.92	3/4	726.60	3/4	1,365.17	3/4	2,099.96	3/4	2,902.17	3/4	3,749.57	3/4	4,623.09	3/4	5,505.31	3/4	6,379.18	3/4	7,227.28
10	237.21	10	738.57	10	1,379.55	10	2,116.02	10	2,919.40	10	3,767.55	10	4,641.43	10	5,523.67	10	6,397.19	10	7,244.57
1/4	245.90	1/4	750.79	1/4	1,394.10	1/4	2,132.21	1/4	2,936.71	1/4	3,785.57	1/4	4,659.79	1/4	5,542.01	1/4	6,415.15	1/4	7,261.79
1/2	254.58	1/2	763.00	1/2	1,408.64	1/2	2,148.39	1/2	2,954.02	1/2	3,803.58	1/2	4,678.15	1/2	5,560.35	1/2	6,433.12	1/2	7,279.00
3/4	263.27	3/4	775.21	3/4	1,423.19	3/4	2,164.58	3/4	2,971.33	3/4	3,821.60	3/4	4,696.52	3/4	5,578.68	3/4	6,451.08	3/4	7,296.21
11	271.95	11	787.43	11	1,437.74	11	2,180.76	11	2,988.64	11	3,839.62	11	4,714.88	11	5,597.02	11	6,469.05	11	7,313.43
1/4	281.01	1/4	799.87	1/4	1,452.44	1/4	2,197.05	1/4	3,006.03	1/4	3,857.68	1/4	4,733.25	1/4	5,615.35	1/4	6,486.97	1/4	7,330.57
1/2	290.06	1/2	812.32	1/2	1,467.14	1/2	2,213.35	1/2	3,023.42	1/2	3,875.75	1/2	4,751.62	1/2	5,633.67	1/2	6,504.89	1/2	7,347.70
3/4	299.11	3/4	824.77	3/4	1,481.85	3/4	2,229.64	3/4	3,040.80	3/4	3,893.82	3/4	4,769.99	3/4	5,651.99	3/4	6,522.82	3/4	7,364.84

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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.

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



BARGE "KIRBY 30800"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "COMMANCHE"

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	7,381.98	0	8,174.60	0	8,895.60	0	9,514.50	0	9,981.67	0		0		0		0		0	
1/4	7,399.02	1/4	8,190.39	1/4	8,909.59	1/4	9,525.91	1/4	9,988.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,416.07	1/2	8,206.19	1/2	8,923.58	1/2	9,537.32	1/2	9,996.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,433.12	3/4	8,221.99	3/4	8,937.58	3/4	9,548.73	3/4	10,003.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	7,450.17	1	8,237.79	1	8,951.57	1	9,560.14	1	10,010.95	1	1	1	1	1	1	1	1	1	1
1/4	7,467.13	1/4	8,253.45	1/4	8,965.39	1/4	9,571.30	1/4	10,017.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,484.10	1/2	8,269.12	1/2	8,979.20	1/2	9,582.45	1/2	10,024.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,501.06	3/4	8,284.79	3/4	8,993.02	3/4	9,593.61	3/4	10,031.45	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	7,518.02	2	8,300.45	2	9,006.83	2	9,604.76	2	10,038.29	2	2	2	2	2	2	2	2	2	2
1/4	7,534.89	1/4	8,315.99	1/4	9,020.46	1/4	9,615.64	1/4	10,044.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,551.76	1/2	8,331.52	1/2	9,034.10	1/2	9,626.51	1/2	10,050.90	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,568.63	3/4	8,347.06	3/4	9,047.73	3/4	9,637.39	3/4	10,057.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	7,585.50	3	8,362.60	3	9,061.36	3	9,648.26	3	10,063.52	3	3	3	3	3	3	3	3	3	3
1/4	7,602.28	1/4	8,377.99	1/4	9,074.79	1/4	9,658.85	1/4	10,069.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,619.06	1/2	8,393.39	1/2	9,088.23	1/2	9,669.44	1/2	10,074.98	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,635.84	3/4	8,408.79	3/4	9,101.66	3/4	9,680.03	3/4	10,080.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	7,652.62	4	8,424.19	4	9,115.10	4	9,690.62	4	10,086.43	4	4	4	4	4	4	4	4	4	4
1/4	7,669.30	1/4	8,439.45	1/4	9,128.34	1/4	9,700.91	1/4	10,091.49	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,685.99	1/2	8,454.71	1/2	9,141.58	1/2	9,711.20	1/2	10,096.56	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,702.67	3/4	8,469.98	3/4	9,154.83	3/4	9,721.49	3/4	10,101.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	7,719.36	5	8,485.24	5	9,168.07	5	9,731.79	5	10,106.69	5	5	5	5	5	5	5	5	5	5
1/4	7,735.94	1/4	8,500.36	1/4	9,181.11	1/4	9,741.77	1/4	10,111.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,752.52	1/2	8,515.48	1/2	9,194.14	1/2	9,751.75	1/2	10,115.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,769.11	3/4	8,530.60	3/4	9,207.18	3/4	9,761.73	3/4	10,119.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	7,785.69	6	8,545.71	6	9,220.21	6	9,771.71	6	10,123.93	6	6	6	6	6	6	6	6	6	6
1/4	7,802.17	1/4	8,560.68	1/4	9,233.04	1/4	9,781.38	1/4	10,127.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,818.65	1/2	8,575.65	1/2	9,245.87	1/2	9,791.04	1/2	10,130.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,835.14	3/4	8,590.63	3/4	9,258.70	3/4	9,800.70	3/4	10,133.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7,851.62	7	8,605.60	7	9,271.52	7	9,810.36	7	10,137.33	7	7	7	7	7	7	7	7	7	7
1/4	7,867.99	1/4	8,620.42	1/4	9,284.13	1/4	9,819.67	1/4	10,139.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,884.37	1/2	8,635.24	1/2	9,296.74	1/2	9,828.99	1/2	10,141.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,900.74	3/4	8,650.06	3/4	9,309.35	3/4	9,838.30	3/4	10,143.94	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	7,917.12	8	8,664.88	8	9,321.95	8	9,847.62	8	10,146.14	8	8	8	8	8	8	8	8	8	8
1/4	7,933.38	1/4	8,679.55	1/4	9,334.34	1/4	9,856.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7,949.64	1/2	8,694.21	1/2	9,346.73	1/2	9,865.55	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7,965.91	3/4	8,708.88	3/4	9,359.11	3/4	9,874.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	7,982.17	9	8,723.55	9	9,371.50	9	9,883.48	9		9	9	9	9	9	9	9	9	9	9
1/4	7,998.32	1/4	8,738.05	1/4	9,383.66	1/4	9,892.07	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	8,014.48	1/2	8,752.56	1/2	9,395.82	1/2	9,900.65	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	8,030.63	3/4	8,767.07	3/4	9,407.98	3/4	9,909.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	8,046.79	10	8,781.57	10	9,420.14	10	9,917.83	10		10	10	10	10	10	10	10	10	10	10
1/4	8,062.82	1/4	8,795.91	1/4	9,432.06	1/4	9,926.02	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	8,078.86	1/2	8,810.25	1/2	9,443.98	1/2	9,934.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	8,094.89	3/4	8,824.59	3/4	9,455.89	3/4	9,942.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	8,110.93	11	8,838.93	11	9,467.81	11	9,950.60	11		11	11	11	11	11	11	11	11	11	11
1/4	8,126.85	1/4	8,853.10	1/4	9,479.48	1/4	9,958.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	8,142.76	1/2	8,867.26	1/2	9,491.15	1/2	9,966.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	8,158.68	3/4	8,881.43	3/4	9,502.83	3/4	9,973.90	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 10/22/1990 EWS
RECALCULATED: 09/25/2019 PMA
NAME CHANGE: 09/25/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

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