



# BARGE "KIRBY 14827"

## 1 STBD INNAGE TABLE

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

FORMERLY "USL 149"

HORIZONTAL

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	143.14	0	403.21	0	734.38	0	1,117.76	0	1,540.83	0	1,993.95	0	2,469.00	0	2,958.71	0	3,456.36
1/4	0.86	1/4	147.70	1/4	409.52	1/4	741.92	1/4	1,126.24	1/4	1,550.02	1/4	2,003.67	1/4	2,479.09	1/4	2,969.03	1/4	3,466.76
1/2	1.71	1/2	152.26	1/2	415.82	1/2	749.45	1/2	1,134.71	1/2	1,559.20	1/2	2,013.38	1/2	2,489.18	1/2	2,979.35	1/2	3,477.17
3/4	2.57	3/4	156.82	3/4	422.12	3/4	756.99	3/4	1,143.19	3/4	1,568.39	3/4	2,023.10	3/4	2,499.27	3/4	2,989.66	3/4	3,487.57
1	3.43	1	161.38	1	428.43	1	764.52	1	1,151.67	1	1,577.57	1	2,032.81	1	2,509.36	1	2,999.98	1	3,497.98
1/4	4.99	1/4	166.12	1/4	434.85	1/4	772.15	1/4	1,160.20	1/4	1,586.80	1/4	2,042.56	1/4	2,519.46	1/4	3,010.30	1/4	3,508.38
1/2	6.56	1/2	170.86	1/2	441.26	1/2	779.77	1/2	1,168.74	1/2	1,596.04	1/2	2,052.31	1/2	2,529.57	1/2	3,020.63	1/2	3,518.79
3/4	8.12	3/4	175.60	3/4	447.68	3/4	787.40	3/4	1,177.27	3/4	1,605.27	3/4	2,062.06	3/4	2,539.68	3/4	3,030.96	3/4	3,529.19
2	9.69	2	180.33	2	454.10	2	795.02	2	1,185.81	2	1,614.50	2	2,071.81	2	2,549.79	2	3,041.29	2	3,539.60
1/4	11.72	1/4	185.24	1/4	460.63	1/4	802.74	1/4	1,194.42	1/4	1,623.79	1/4	2,081.60	1/4	2,559.92	1/4	3,051.62	1/4	3,550.01
1/2	13.75	1/2	190.14	1/2	467.17	1/2	810.45	1/2	1,203.02	1/2	1,633.07	1/2	2,091.38	1/2	2,570.06	1/2	3,061.96	1/2	3,560.42
3/4	15.78	3/4	195.05	3/4	473.70	3/4	818.17	3/4	1,211.63	3/4	1,642.36	3/4	2,101.17	3/4	2,580.20	3/4	3,072.30	3/4	3,570.83
3	17.81	3	199.95	3	480.24	3	825.88	3	1,220.24	3	1,651.64	3	2,110.95	3	2,590.33	3	3,082.64	3	3,581.24
1/4	20.22	1/4	205.02	1/4	486.89	1/4	833.68	1/4	1,228.90	1/4	1,660.98	1/4	2,120.77	1/4	2,600.49	1/4	3,092.99	1/4	3,591.64
1/2	22.63	1/2	210.10	1/2	493.54	1/2	841.48	1/2	1,237.57	1/2	1,670.31	1/2	2,130.60	1/2	2,610.64	1/2	3,103.35	1/2	3,602.05
3/4	25.04	3/4	215.17	3/4	500.18	3/4	849.27	3/4	1,246.24	3/4	1,679.64	3/4	2,140.42	3/4	2,620.80	3/4	3,113.70	3/4	3,612.45
4	27.45	4	220.24	4	506.83	4	857.07	4	1,254.90	4	1,688.98	4	2,150.24	4	2,630.95	4	3,124.05	4	3,622.86
1/4	30.19	1/4	225.46	1/4	513.59	1/4	864.95	1/4	1,263.64	1/4	1,698.35	1/4	2,160.10	1/4	2,641.13	1/4	3,134.40	1/4	3,633.26
1/2	32.93	1/2	230.68	1/2	520.35	1/2	872.82	1/2	1,272.37	1/2	1,707.73	1/2	2,169.95	1/2	2,651.31	1/2	3,144.76	1/2	3,643.67
3/4	35.67	3/4	235.90	3/4	527.10	3/4	880.70	3/4	1,281.10	3/4	1,717.10	3/4	2,179.81	3/4	2,661.49	3/4	3,155.12	3/4	3,654.07
5	38.40	5	241.12	5	533.86	5	888.57	5	1,289.83	5	1,726.48	5	2,189.67	5	2,671.67	5	3,165.48	5	3,664.48
1/4	41.43	1/4	246.49	1/4	540.72	1/4	896.54	1/4	1,298.62	1/4	1,735.90	1/4	2,199.55	1/4	2,681.86	1/4	3,175.85	1/4	3,674.89
1/2	44.46	1/2	251.87	1/2	547.58	1/2	904.50	1/2	1,307.42	1/2	1,745.33	1/2	2,209.44	1/2	2,692.06	1/2	3,186.21	1/2	3,685.30
3/4	47.49	3/4	257.24	3/4	554.45	3/4	912.46	3/4	1,316.21	3/4	1,754.76	3/4	2,219.33	3/4	2,702.26	3/4	3,196.58	3/4	3,695.71
6	50.52	6	262.62	6	561.31	6	920.43	6	1,325.00	6	1,764.19	6	2,229.21	6	2,712.45	6	3,206.95	6	3,706.12
1/4	53.82	1/4	268.14	1/4	568.27	1/4	928.46	1/4	1,333.85	1/4	1,773.65	1/4	2,239.13	1/4	2,722.67	1/4	3,217.33	1/4	3,716.52
1/2	57.12	1/2	273.67	1/2	575.24	1/2	936.50	1/2	1,342.70	1/2	1,783.12	1/2	2,249.05	1/2	2,732.89	1/2	3,227.70	1/2	3,726.92
3/4	60.42	3/4	279.19	3/4	582.20	3/4	944.54	3/4	1,351.55	3/4	1,792.58	3/4	2,258.96	3/4	2,743.11	3/4	3,238.08	3/4	3,737.32
7	63.71	7	284.71	7	589.17	7	952.57	7	1,360.40	7	1,802.05	7	2,268.88	7	2,753.33	7	3,248.45	7	3,747.71
1/4	67.26	1/4	290.38	1/4	596.24	1/4	960.68	1/4	1,369.32	1/4	1,811.57	1/4	2,278.83	1/4	2,763.57	1/4	3,258.84	1/4	3,758.11
1/2	70.80	1/2	296.04	1/2	603.31	1/2	968.80	1/2	1,378.23	1/2	1,821.08	1/2	2,288.79	1/2	2,773.80	1/2	3,269.23	1/2	3,768.51
3/4	74.34	3/4	301.70	3/4	610.38	3/4	976.91	3/4	1,387.14	3/4	1,830.60	3/4	2,298.74	3/4	2,784.03	3/4	3,279.61	3/4	3,778.91
8	77.88	8	307.36	8	617.45	8	985.02	8	1,396.05	8	1,840.12	8	2,308.69	8	2,794.26	8	3,290.00	8	3,789.31
1/4	81.65	1/4	313.15	1/4	624.62	1/4	993.21	1/4	1,405.01	1/4	1,849.67	1/4	2,318.67	1/4	2,804.52	1/4	3,300.39	1/4	3,799.71
1/2	85.42	1/2	318.94	1/2	631.79	1/2	1,001.40	1/2	1,413.98	1/2	1,859.23	1/2	2,328.64	1/2	2,814.77	1/2	3,310.77	1/2	3,810.11
3/4	89.18	3/4	324.73	3/4	638.95	3/4	1,009.60	3/4	1,422.94	3/4	1,868.78	3/4	2,338.62	3/4	2,825.03	3/4	3,321.16	3/4	3,820.51
9	92.95	9	330.52	9	646.12	9	1,017.79	9	1,431.90	9	1,878.33	9	2,348.60	9	2,835.29	9	3,331.55	9	3,830.90
1/4	96.93	1/4	336.46	1/4	653.38	1/4	1,026.05	1/4	1,440.93	1/4	1,887.93	1/4	2,358.60	1/4	2,845.56	1/4	3,341.95	1/4	3,841.29
1/2	100.92	1/2	342.39	1/2	660.64	1/2	1,034.31	1/2	1,449.95	1/2	1,897.52	1/2	2,368.61	1/2	2,855.83	1/2	3,352.35	1/2	3,851.68
3/4	104.90	3/4	348.33	3/4	667.90	3/4	1,042.57	3/4	1,458.98	3/4	1,907.12	3/4	2,378.61	3/4	2,866.11	3/4	3,362.74	3/4	3,862.07
10	108.88	10	354.26	10	675.17	10	1,050.83	10	1,468.00	10	1,916.71	10	2,388.62	10	2,876.38	10	3,373.14	10	3,872.45
1/4	113.07	1/4	360.32	1/4	682.52	1/4	1,059.17	1/4	1,477.08	1/4	1,926.35	1/4	2,398.65	1/4	2,886.67	1/4	3,383.54	1/4	3,882.84
1/2	117.25	1/2	366.37	1/2	689.88	1/2	1,067.50	1/2	1,486.15	1/2	1,935.99	1/2	2,408.69	1/2	2,896.95	1/2	3,393.94	1/2	3,893.23
3/4	121.43	3/4	372.42	3/4	697.24	3/4	1,075.83	3/4	1,495.23	3/4	1,945.63	3/4	2,418.73	3/4	2,907.24	3/4	3,404.34	3/4	3,903.61
11	125.62	11	378.48	11	704.60	11	1,084.17	11	1,504.31	11	1,955.26	11	2,428.76	11	2,917.52	11	3,414.74	11	3,914.00
1/4	130.00	1/4	384.66	1/4	712.04	1/4	1,092.57	1/4	1,513.44	1/4	1,964.93	1/4	2,438.82	1/4	2,927.82	1/4	3,425.14	1/4	3,924.37
1/2	134.38	1/2	390.85	1/2	719.49	1/2	1,100.96	1/2	1,522.57	1/2	1,974.61	1/2	2,448.88	1/2	2,938.12	1/2	3,435.55	1/2	3,934.75
3/4	138.76	3/4	397.03	3/4	726.93	3/4	1,109.36	3/4	1,531.70	3/4	1,984.28	3/4	2,458.94	3/4	2,948.42	3/4	3,445.95	3/4	3,945.12

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# BARGE "KIRBY 14827"

## 1 STBD INNAGE TABLE

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

FORMERLY "USL 149"

HORIZONTAL

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	3,955.50	0	4,450.00	0	4,933.24	0	5,398.29	0	5,837.45	0	6,242.02	0	6,601.14	0	6,899.83	0	7,111.93	0	
1/4	3,965.87	1/4	4,460.20	1/4	4,943.12	1/4	5,407.71	1/4	5,846.24	1/4	6,249.99	1/4	6,608.01	1/4	6,905.21	1/4	7,114.96	1/4	1/4
1/2	3,976.24	1/2	4,470.39	1/2	4,953.01	1/2	5,417.13	1/2	5,855.04	1/2	6,257.95	1/2	6,614.87	1/2	6,910.58	1/2	7,117.99	1/2	1/2
3/4	3,986.61	3/4	4,480.59	3/4	4,962.90	3/4	5,426.55	3/4	5,863.83	3/4	6,265.92	3/4	6,621.73	3/4	6,915.96	3/4	7,121.02	3/4	3/4
1	3,996.98	1	4,490.79	1	4,972.79	1	5,435.98	1	5,872.62	1	6,273.88	1	6,628.60	1	6,921.33	1	7,124.05	1	
1/4	4,007.34	1/4	4,500.96	1/4	4,982.64	1/4	5,445.35	1/4	5,881.35	1/4	6,281.76	1/4	6,635.35	1/4	6,926.55	1/4	7,126.79	1/4	1/4
1/2	4,017.70	1/2	4,511.14	1/2	4,992.50	1/2	5,454.73	1/2	5,890.08	1/2	6,289.63	1/2	6,642.11	1/2	6,931.77	1/2	7,129.52	1/2	1/2
3/4	4,028.07	3/4	4,521.32	3/4	5,002.36	3/4	5,464.10	3/4	5,898.82	3/4	6,297.51	3/4	6,648.86	3/4	6,936.99	3/4	7,132.26	3/4	3/4
2	4,038.43	2	4,531.50	2	5,012.21	2	5,473.48	2	5,907.55	2	6,305.38	2	6,655.62	2	6,942.21	2	7,135.00	2	
1/4	4,048.77	1/4	4,541.65	1/4	5,022.04	1/4	5,482.81	1/4	5,916.21	1/4	6,313.18	1/4	6,662.27	1/4	6,947.29	1/4	7,137.41	1/4	1/4
1/2	4,059.12	1/2	4,551.81	1/2	5,031.86	1/2	5,492.14	1/2	5,924.88	1/2	6,320.98	1/2	6,668.92	1/2	6,952.36	1/2	7,139.82	1/2	1/2
3/4	4,069.46	3/4	4,561.96	3/4	5,041.68	3/4	5,501.48	3/4	5,933.55	3/4	6,328.77	3/4	6,675.57	3/4	6,957.43	3/4	7,142.23	3/4	3/4
3	4,079.81	3	4,572.12	3	5,051.50	3	5,510.81	3	5,942.21	3	6,336.57	3	6,682.21	3	6,962.50	3	7,144.64	3	
1/4	4,090.15	1/4	4,582.26	1/4	5,061.29	1/4	5,520.10	1/4	5,950.82	1/4	6,344.29	1/4	6,688.75	1/4	6,967.40	1/4	7,146.67	1/4	1/4
1/2	4,100.49	1/2	4,592.39	1/2	5,071.07	1/2	5,529.38	1/2	5,959.43	1/2	6,352.00	1/2	6,695.29	1/2	6,972.31	1/2	7,148.70	1/2	1/2
3/4	4,110.83	3/4	4,602.53	3/4	5,080.86	3/4	5,538.67	3/4	5,968.04	3/4	6,359.71	3/4	6,701.82	3/4	6,977.21	3/4	7,150.73	3/4	3/4
4	4,121.17	4	4,612.67	4	5,090.64	4	5,547.95	4	5,976.64	4	6,367.43	4	6,708.36	4	6,982.12	4	7,152.76	4	
1/4	4,131.49	1/4	4,622.77	1/4	5,100.39	1/4	5,557.18	1/4	5,985.18	1/4	6,375.05	1/4	6,714.78	1/4	6,986.86	1/4	7,154.33	1/4	1/4
1/2	4,141.82	1/2	4,632.88	1/2	5,110.14	1/2	5,566.42	1/2	5,993.71	1/2	6,382.68	1/2	6,721.20	1/2	6,991.60	1/2	7,155.89	1/2	1/2
3/4	4,152.15	3/4	4,642.99	3/4	5,119.89	3/4	5,575.65	3/4	6,002.25	3/4	6,390.30	3/4	6,727.63	3/4	6,996.33	3/4	7,157.46	3/4	3/4
5	4,162.48	5	4,653.10	5	5,129.64	5	5,584.88	5	6,010.79	5	6,397.93	5	6,734.05	5	7,001.07	5	7,159.02	5	
1/4	4,172.79	1/4	4,663.18	1/4	5,139.36	1/4	5,594.07	1/4	6,019.26	1/4	6,405.46	1/4	6,740.35	1/4	7,005.63	1/4	7,159.88	1/4	1/4
1/2	4,183.11	1/2	4,673.27	1/2	5,149.07	1/2	5,603.25	1/2	6,027.74	1/2	6,413.00	1/2	6,746.64	1/2	7,010.19	1/2	7,160.74	1/2	1/2
3/4	4,193.42	3/4	4,683.36	3/4	5,158.79	3/4	5,612.43	3/4	6,036.21	3/4	6,420.54	3/4	6,752.94	3/4	7,014.75	3/4	7,161.60	3/4	3/4
6	4,203.74	6	4,693.45	6	5,168.50	6	5,621.62	6	6,044.69	6	6,428.07	6	6,759.24	6	7,019.31	6	7,162.45	6	
1/4	4,214.04	1/4	4,703.51	1/4	5,178.17	1/4	5,630.75	1/4	6,053.09	1/4	6,435.52	1/4	6,765.42	1/4	7,023.69	1/4		1/4	1/4
1/2	4,224.35	1/2	4,713.57	1/2	5,187.85	1/2	5,639.88	1/2	6,061.49	1/2	6,442.98	1/2	6,771.61	1/2	7,028.07	1/2		1/2	1/2
3/4	4,234.65	3/4	4,723.63	3/4	5,197.52	3/4	5,649.01	3/4	6,069.89	3/4	6,450.43	3/4	6,777.79	3/4	7,032.45	3/4		3/4	3/4
7	4,244.95	7	4,733.69	7	5,207.19	7	5,658.14	7	6,078.29	7	6,457.88	7	6,783.98	7	7,036.83	7		7	
1/4	4,255.24	1/4	4,743.73	1/4	5,216.83	1/4	5,667.22	1/4	6,086.62	1/4	6,465.23	1/4	6,790.04	1/4	7,041.02	1/4		1/4	1/4
1/2	4,265.52	1/2	4,753.76	1/2	5,226.46	1/2	5,676.30	1/2	6,094.95	1/2	6,472.58	1/2	6,796.10	1/2	7,045.20	1/2		1/2	1/2
3/4	4,275.81	3/4	4,763.80	3/4	5,236.10	3/4	5,685.38	3/4	6,103.29	3/4	6,479.93	3/4	6,802.15	3/4	7,049.39	3/4		3/4	3/4
8	4,286.10	8	4,773.83	8	5,245.74	8	5,694.45	8	6,111.62	8	6,487.29	8	6,808.21	8	7,053.57	8		8	
1/4	4,296.36	1/4	4,783.84	1/4	5,255.33	1/4	5,703.48	1/4	6,119.88	1/4	6,494.55	1/4	6,814.14	1/4	7,057.55	1/4		1/4	1/4
1/2	4,306.63	1/2	4,793.85	1/2	5,264.93	1/2	5,712.50	1/2	6,128.14	1/2	6,501.82	1/2	6,820.07	1/2	7,061.54	1/2		1/2	1/2
3/4	4,316.90	3/4	4,803.85	3/4	5,274.52	3/4	5,721.52	3/4	6,136.40	3/4	6,509.09	3/4	6,826.00	3/4	7,065.52	3/4		3/4	3/4
9	4,327.17	9	4,813.86	9	5,284.12	9	5,730.55	9	6,144.67	9	6,516.36	9	6,831.93	9	7,069.50	9		9	
1/4	4,337.42	1/4	4,823.83	1/4	5,293.68	1/4	5,739.51	1/4	6,152.86	1/4	6,523.52	1/4	6,837.73	1/4	7,073.27	1/4		1/4	1/4
1/2	4,347.68	1/2	4,833.81	1/2	5,303.24	1/2	5,748.48	1/2	6,161.05	1/2	6,530.68	1/2	6,843.52	1/2	7,077.04	1/2		1/2	1/2
3/4	4,357.93	3/4	4,843.79	3/4	5,312.80	3/4	5,757.44	3/4	6,169.24	3/4	6,537.84	3/4	6,849.32	3/4	7,080.80	3/4		3/4	3/4
10	4,368.19	10	4,853.76	10	5,322.36	10	5,766.40	10	6,177.43	10	6,545.00	10	6,855.12	10	7,084.57	10		10	
1/4	4,378.42	1/4	4,863.71	1/4	5,331.87	1/4	5,775.32	1/4	6,185.54	1/4	6,552.07	1/4	6,860.77	1/4	7,088.11	1/4		1/4	1/4
1/2	4,388.65	1/2	4,873.67	1/2	5,341.38	1/2	5,784.23	1/2	6,193.66	1/2	6,559.14	1/2	6,866.43	1/2	7,091.65	1/2		1/2	1/2
3/4	4,398.89	3/4	4,883.62	3/4	5,350.89	3/4	5,793.14	3/4	6,201.77	3/4	6,566.21	3/4	6,872.08	3/4	7,095.20	3/4		3/4	3/4
11	4,409.12	11	4,893.57	11	5,360.40	11	5,802.05	11	6,209.88	11	6,573.29	11	6,877.74	11	7,098.74	11		11	
1/4	4,419.34	1/4	4,903.49	1/4	5,369.88	1/4	5,810.90	1/4	6,217.92	1/4	6,580.25	1/4	6,883.26	1/4	7,102.04	1/4		1/4	1/4
1/2	4,429.56	1/2	4,913.40	1/2	5,379.35	1/2	5,819.75	1/2	6,225.95	1/2	6,587.21	1/2	6,888.79	1/2	7,105.33	1/2		1/2	1/2
3/4	4,439.78	3/4	4,923.32	3/4	5,388.82	3/4	5,828.60	3/4	6,233.99	3/4	6,594.18	3/4	6,894.31	3/4	7,108.63	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/24/1977 EWS  
REPRINTED: 03/22/2006 SW

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PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "KIRBY 14827"

## 1 PORT INNAGE TABLE

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

FORMERLY "USL 149"

HORIZONTAL

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	143.26	0	403.60	0	735.07	0	1,118.81	0	1,542.29	0	1,995.74	0	2,471.21	0	2,961.38	0	3,459.50
1/4	0.86	1/4	147.83	1/4	409.90	1/4	742.61	1/4	1,127.29	1/4	1,551.48	1/4	2,005.46	1/4	2,481.31	1/4	2,971.71	1/4	3,469.91
1/2	1.71	1/2	152.40	1/2	416.20	1/2	750.15	1/2	1,135.77	1/2	1,560.67	1/2	2,015.18	1/2	2,491.40	1/2	2,982.04	1/2	3,480.32
3/4	2.57	3/4	156.98	3/4	422.51	3/4	757.70	3/4	1,144.26	3/4	1,569.86	3/4	2,024.90	3/4	2,501.50	3/4	2,992.36	3/4	3,490.73
1	3.43	1	161.55	1	428.81	1	765.24	1	1,152.74	1	1,579.05	1	2,034.62	1	2,511.60	1	3,002.69	1	3,501.14
1/4	4.99	1/4	166.29	1/4	435.24	1/4	772.87	1/4	1,161.29	1/4	1,588.29	1/4	2,044.38	1/4	2,521.72	1/4	3,013.02	1/4	3,511.56
1/2	6.56	1/2	171.02	1/2	441.67	1/2	780.51	1/2	1,169.83	1/2	1,597.54	1/2	2,054.14	1/2	2,531.85	1/2	3,023.36	1/2	3,521.98
3/4	8.12	3/4	175.76	3/4	448.10	3/4	788.15	3/4	1,178.38	3/4	1,606.78	3/4	2,063.90	3/4	2,541.97	3/4	3,033.69	3/4	3,532.39
2	9.69	2	180.50	2	454.52	2	795.79	2	1,186.93	2	1,616.02	2	2,073.67	2	2,552.10	2	3,044.02	2	3,542.81
1/4	11.73	1/4	185.41	1/4	461.07	1/4	803.50	1/4	1,195.54	1/4	1,625.32	1/4	2,083.46	1/4	2,562.24	1/4	3,054.38	1/4	3,553.23
1/2	13.76	1/2	190.32	1/2	467.61	1/2	811.21	1/2	1,204.15	1/2	1,634.61	1/2	2,093.26	1/2	2,572.38	1/2	3,064.73	1/2	3,563.65
3/4	15.80	3/4	195.23	3/4	474.15	3/4	818.93	3/4	1,212.77	3/4	1,643.90	3/4	2,103.06	3/4	2,582.52	3/4	3,075.08	3/4	3,574.08
3	17.83	3	200.14	3	480.69	3	826.64	3	1,221.38	3	1,653.19	3	2,112.86	3	2,592.67	3	3,085.43	3	3,584.50
1/4	20.24	1/4	205.21	1/4	487.35	1/4	834.45	1/4	1,230.05	1/4	1,662.53	1/4	2,122.68	1/4	2,602.83	1/4	3,095.79	1/4	3,594.92
1/2	22.65	1/2	210.29	1/2	494.00	1/2	842.25	1/2	1,238.73	1/2	1,671.87	1/2	2,132.51	1/2	2,613.00	1/2	3,106.14	1/2	3,605.33
3/4	25.07	3/4	215.36	3/4	500.65	3/4	850.05	3/4	1,247.40	3/4	1,681.21	3/4	2,142.34	3/4	2,623.17	3/4	3,116.50	3/4	3,615.75
4	27.48	4	220.43	4	507.31	4	857.86	4	1,256.07	4	1,690.55	4	2,152.17	4	2,633.33	4	3,126.86	4	3,626.17
1/4	30.22	1/4	225.66	1/4	514.07	1/4	865.74	1/4	1,264.81	1/4	1,699.93	1/4	2,162.03	1/4	2,643.52	1/4	3,137.23	1/4	3,636.58
1/2	32.96	1/2	230.89	1/2	520.83	1/2	873.63	1/2	1,273.55	1/2	1,709.32	1/2	2,171.89	1/2	2,653.70	1/2	3,147.61	1/2	3,647.00
3/4	35.71	3/4	236.13	3/4	527.60	3/4	881.52	3/4	1,282.29	3/4	1,718.71	3/4	2,181.76	3/4	2,663.89	3/4	3,157.98	3/4	3,657.42
5	38.45	5	241.36	5	534.36	5	889.40	5	1,291.02	5	1,728.10	5	2,191.62	5	2,674.07	5	3,168.36	5	3,667.83
1/4	41.48	1/4	246.74	1/4	541.23	1/4	897.38	1/4	1,299.83	1/4	1,737.53	1/4	2,201.52	1/4	2,684.28	1/4	3,178.73	1/4	3,678.24
1/2	44.51	1/2	252.12	1/2	548.10	1/2	905.35	1/2	1,308.63	1/2	1,746.96	1/2	2,211.42	1/2	2,694.49	1/2	3,189.11	1/2	3,688.66
3/4	47.54	3/4	257.50	3/4	554.96	3/4	913.32	3/4	1,317.43	3/4	1,756.40	3/4	2,221.32	3/4	2,704.70	3/4	3,199.48	3/4	3,699.07
6	50.57	6	262.88	6	561.83	6	921.29	6	1,326.24	6	1,765.83	6	2,231.21	6	2,714.90	6	3,209.86	6	3,709.48
1/4	53.87	1/4	268.40	1/4	568.80	1/4	929.33	1/4	1,335.10	1/4	1,775.31	1/4	2,241.14	1/4	2,725.13	1/4	3,220.24	1/4	3,719.89
1/2	57.17	1/2	273.93	1/2	575.77	1/2	937.38	1/2	1,343.95	1/2	1,784.79	1/2	2,251.07	1/2	2,735.36	1/2	3,230.63	1/2	3,730.31
3/4	60.46	3/4	279.45	3/4	582.74	3/4	945.43	3/4	1,352.81	3/4	1,794.26	3/4	2,261.00	3/4	2,745.58	3/4	3,241.02	3/4	3,740.73
7	63.76	7	284.98	7	589.71	7	953.48	7	1,361.67	7	1,803.74	7	2,270.93	7	2,755.81	7	3,251.40	7	3,751.14
1/4	67.31	1/4	290.64	1/4	596.79	1/4	961.60	1/4	1,370.59	1/4	1,813.26	1/4	2,280.89	1/4	2,766.05	1/4	3,261.80	1/4	3,761.55
1/2	70.86	1/2	296.31	1/2	603.87	1/2	969.71	1/2	1,379.51	1/2	1,822.79	1/2	2,290.85	1/2	2,776.30	1/2	3,272.19	1/2	3,771.96
3/4	74.40	3/4	301.98	3/4	610.95	3/4	977.83	3/4	1,388.43	3/4	1,832.31	3/4	2,300.80	3/4	2,786.54	3/4	3,282.58	3/4	3,782.37
8	77.95	8	307.64	8	618.02	8	985.95	8	1,397.36	8	1,841.83	8	2,310.76	8	2,796.79	8	3,292.98	8	3,792.79
1/4	81.72	1/4	313.44	1/4	625.20	1/4	994.15	1/4	1,406.33	1/4	1,851.40	1/4	2,320.75	1/4	2,807.05	1/4	3,303.38	1/4	3,803.19
1/2	85.49	1/2	319.24	1/2	632.37	1/2	1,002.35	1/2	1,415.31	1/2	1,860.96	1/2	2,330.74	1/2	2,817.32	1/2	3,313.77	1/2	3,813.60
3/4	89.26	3/4	325.04	3/4	639.54	3/4	1,010.54	3/4	1,424.29	3/4	1,870.53	3/4	2,340.73	3/4	2,827.59	3/4	3,324.17	3/4	3,824.00
9	93.02	9	330.83	9	646.71	9	1,018.74	9	1,433.26	9	1,880.10	9	2,350.71	9	2,837.86	9	3,334.57	9	3,834.40
1/4	97.01	1/4	336.77	1/4	653.98	1/4	1,027.01	1/4	1,442.29	1/4	1,889.67	1/4	2,360.73	1/4	2,848.14	1/4	3,344.98	1/4	3,844.80
1/2	101.00	1/2	342.70	1/2	661.25	1/2	1,035.27	1/2	1,451.32	1/2	1,899.25	1/2	2,370.74	1/2	2,858.42	1/2	3,355.38	1/2	3,855.20
3/4	104.99	3/4	348.64	3/4	668.52	3/4	1,043.54	3/4	1,460.35	3/4	1,908.83	3/4	2,380.75	3/4	2,868.70	3/4	3,365.79	3/4	3,865.60
10	108.98	10	354.57	10	675.79	10	1,051.81	10	1,469.38	10	1,918.40	10	2,390.76	10	2,878.98	10	3,376.19	10	3,876.00
1/4	113.17	1/4	360.64	1/4	683.15	1/4	1,060.15	1/4	1,478.47	1/4	1,928.05	1/4	2,400.81	1/4	2,889.27	1/4	3,386.60	1/4	3,886.39
1/2	117.36	1/2	366.70	1/2	690.51	1/2	1,068.49	1/2	1,487.56	1/2	1,937.70	1/2	2,410.86	1/2	2,899.56	1/2	3,397.01	1/2	3,896.79
3/4	121.55	3/4	372.77	3/4	697.87	3/4	1,076.83	3/4	1,496.65	3/4	1,947.35	3/4	2,420.90	3/4	2,909.85	3/4	3,407.42	3/4	3,907.18
11	125.74	11	378.83	11	705.24	11	1,085.17	11	1,505.74	11	1,957.00	11	2,430.95	11	2,920.14	11	3,417.83	11	3,917.57
1/4	130.12	1/4	385.02	1/4	712.70	1/4	1,093.58	1/4	1,514.87	1/4	1,966.68	1/4	2,441.02	1/4	2,930.45	1/4	3,428.25	1/4	3,927.96
1/2	134.50	1/2	391.21	1/2	720.15	1/2	1,101.99	1/2	1,524.01	1/2	1,976.37	1/2	2,451.08	1/2	2,940.76	1/2	3,438.67	1/2	3,938.35
3/4	138.88	3/4	397.40	3/4	727.61	3/4	1,110.40	3/4	1,533.15	3/4	1,986.05	3/4	2,461.15	3/4	2,951.07	3/4	3,449.08	3/4	3,948.73

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

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 14827"

## 1 PORT INNAGE TABLE

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

FORMERLY "USL 149"

HORIZONTAL

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	3,959.12	0	4,454.07	0	4,937.76	0	5,403.14	0	5,842.74	0	6,247.69	0	6,607.14	0	6,906.10	0	7,118.40	0	
1/4	3,969.49	1/4	4,464.28	1/4	4,947.66	1/4	5,412.58	1/4	5,851.54	1/4	6,255.66	1/4	6,614.01	1/4	6,911.48	1/4	7,121.43	1/4	
1/2	3,979.87	1/2	4,474.49	1/2	4,957.56	1/2	5,422.01	1/2	5,860.35	1/2	6,263.63	1/2	6,620.88	1/2	6,916.86	1/2	7,124.46	1/2	
3/4	3,990.24	3/4	4,484.70	3/4	4,967.46	3/4	5,431.45	3/4	5,869.15	3/4	6,271.60	3/4	6,627.75	3/4	6,922.24	3/4	7,127.49	3/4	
1	4,000.62	1	4,494.90	1	4,977.36	1	5,440.88	1	5,877.95	1	6,279.57	1	6,634.62	1	6,927.62	1	7,130.52	1	
1/4	4,010.99	1/4	4,505.09	1/4	4,987.22	1/4	5,450.27	1/4	5,886.69	1/4	6,287.46	1/4	6,641.38	1/4	6,932.85	1/4	7,133.27	1/4	
1/2	4,021.37	1/2	4,515.27	1/2	4,997.08	1/2	5,459.65	1/2	5,895.43	1/2	6,295.35	1/2	6,648.14	1/2	6,938.08	1/2	7,136.01	1/2	
3/4	4,031.74	3/4	4,525.46	3/4	5,006.95	3/4	5,469.04	3/4	5,904.17	3/4	6,303.23	3/4	6,654.90	3/4	6,943.32	3/4	7,138.76	3/4	
2	4,042.12	2	4,535.64	2	5,016.81	2	5,478.43	2	5,912.90	2	6,311.12	2	6,661.67	2	6,948.55	2	7,141.50	2	
1/4	4,052.48	1/4	4,545.81	1/4	5,026.64	1/4	5,487.77	1/4	5,921.58	1/4	6,318.92	1/4	6,668.32	1/4	6,953.62	1/4	7,143.91	1/4	
1/2	4,062.83	1/2	4,555.98	1/2	5,036.48	1/2	5,497.11	1/2	5,930.25	1/2	6,326.73	1/2	6,674.98	1/2	6,958.69	1/2	7,146.32	1/2	
3/4	4,073.19	3/4	4,566.14	3/4	5,046.31	3/4	5,506.45	3/4	5,938.92	3/4	6,334.53	3/4	6,681.63	3/4	6,963.76	3/4	7,148.73	3/4	
3	4,083.55	3	4,576.31	3	5,056.14	3	5,515.79	3	5,947.60	3	6,342.33	3	6,688.29	3	6,968.83	3	7,151.14	3	
1/4	4,093.90	1/4	4,586.45	1/4	5,065.93	1/4	5,525.08	1/4	5,956.21	1/4	6,350.05	1/4	6,694.83	1/4	6,973.74	1/4	7,153.18	1/4	
1/2	4,104.25	1/2	4,596.60	1/2	5,075.73	1/2	5,534.37	1/2	5,964.82	1/2	6,357.76	1/2	6,701.37	1/2	6,978.65	1/2	7,155.21	1/2	
3/4	4,114.60	3/4	4,606.74	3/4	5,085.52	3/4	5,543.66	3/4	5,973.43	3/4	6,365.48	3/4	6,707.91	3/4	6,983.57	3/4	7,157.25	3/4	
4	4,124.95	4	4,616.88	4	5,095.31	4	5,552.95	4	5,982.05	4	6,373.19	4	6,714.45	4	6,988.48	4	7,159.29	4	
1/4	4,135.29	1/4	4,627.01	1/4	5,105.07	1/4	5,562.20	1/4	5,990.60	1/4	6,380.83	1/4	6,720.88	1/4	6,993.21	1/4	7,160.85	1/4	
1/2	4,145.62	1/2	4,637.13	1/2	5,114.83	1/2	5,571.44	1/2	5,999.14	1/2	6,388.46	1/2	6,727.31	1/2	6,997.95	1/2	7,162.42	1/2	
3/4	4,155.95	3/4	4,647.26	3/4	5,124.60	3/4	5,580.68	3/4	6,007.69	3/4	6,396.10	3/4	6,733.74	3/4	7,002.69	3/4	7,163.98	3/4	
5	4,166.29	5	4,657.38	5	5,134.36	5	5,589.93	5	6,016.24	5	6,403.74	5	6,740.17	5	7,007.43	5	7,165.55	5	
1/4	4,176.61	1/4	4,667.48	1/4	5,144.08	1/4	5,599.12	1/4	6,024.72	1/4	6,411.28	1/4	6,746.47	1/4	7,012.00	1/4	7,166.40	1/4	
1/2	4,186.94	1/2	4,677.57	1/2	5,153.80	1/2	5,608.31	1/2	6,033.20	1/2	6,418.82	1/2	6,752.77	1/2	7,016.57	1/2	7,167.26	1/2	
3/4	4,197.27	3/4	4,687.67	3/4	5,163.52	3/4	5,617.50	3/4	6,041.68	3/4	6,426.36	3/4	6,759.08	3/4	7,021.14	3/4	7,168.12	3/4	
6	4,207.60	6	4,697.76	6	5,173.24	6	5,626.69	6	6,050.17	6	6,433.90	6	6,765.38	6	7,025.71	6	7,168.98	6	
1/4	4,217.90	1/4	4,707.83	1/4	5,182.92	1/4	5,635.83	1/4	6,058.58	1/4	6,441.36	1/4	6,771.57	1/4	7,030.10	1/4		1/4	
1/2	4,228.21	1/2	4,717.89	1/2	5,192.61	1/2	5,644.96	1/2	6,066.99	1/2	6,448.82	1/2	6,777.76	1/2	7,034.48	1/2		1/2	
3/4	4,238.52	3/4	4,727.96	3/4	5,202.29	3/4	5,654.10	3/4	6,075.40	3/4	6,456.28	3/4	6,783.95	3/4	7,038.86	3/4		3/4	
7	4,248.83	7	4,738.02	7	5,211.98	7	5,663.24	7	6,083.81	7	6,463.74	7	6,790.14	7	7,043.24	7		7	
1/4	4,259.12	1/4	4,748.07	1/4	5,221.63	1/4	5,672.33	1/4	6,092.15	1/4	6,471.10	1/4	6,796.21	1/4	7,047.43	1/4		1/4	
1/2	4,269.42	1/2	4,758.12	1/2	5,231.27	1/2	5,681.42	1/2	6,100.49	1/2	6,478.46	1/2	6,802.27	1/2	7,051.62	1/2		1/2	
3/4	4,279.71	3/4	4,768.17	3/4	5,240.92	3/4	5,690.51	3/4	6,108.83	3/4	6,485.83	3/4	6,808.34	3/4	7,055.81	3/4		3/4	
8	4,290.00	8	4,778.21	8	5,250.57	8	5,699.60	8	6,117.17	8	6,493.19	8	6,814.40	8	7,060.00	8		8	
1/4	4,300.28	1/4	4,788.23	1/4	5,260.15	1/4	5,708.63	1/4	6,125.43	1/4	6,500.46	1/4	6,820.34	1/4	7,063.99	1/4		1/4	
1/2	4,310.56	1/2	4,798.25	1/2	5,269.73	1/2	5,717.65	1/2	6,133.70	1/2	6,507.73	1/2	6,826.27	1/2	7,067.98	1/2		1/2	
3/4	4,320.84	3/4	4,808.27	3/4	5,279.30	3/4	5,726.68	3/4	6,141.97	3/4	6,514.99	3/4	6,832.21	3/4	7,071.96	3/4		3/4	
9	4,331.12	9	4,818.29	9	5,288.88	9	5,735.71	9	6,150.24	9	6,522.26	9	6,838.14	9	7,075.95	9		9	
1/4	4,341.39	1/4	4,828.27	1/4	5,298.45	1/4	5,744.69	1/4	6,158.43	1/4	6,529.43	1/4	6,843.94	1/4	7,079.72	1/4		1/4	
1/2	4,351.65	1/2	4,838.25	1/2	5,308.01	1/2	5,753.67	1/2	6,166.63	1/2	6,536.61	1/2	6,849.74	1/2	7,083.49	1/2		1/2	
3/4	4,361.92	3/4	4,848.23	3/4	5,317.58	3/4	5,762.64	3/4	6,174.83	3/4	6,543.78	3/4	6,855.54	3/4	7,087.26	3/4		3/4	
10	4,372.19	10	4,858.21	10	5,327.14	10	5,771.62	10	6,183.02	10	6,550.95	10	6,861.33	10	7,091.02	10		10	
1/4	4,382.43	1/4	4,868.17	1/4	5,336.67	1/4	5,780.54	1/4	6,191.14	1/4	6,558.03	1/4	6,867.00	1/4	7,094.57	1/4		1/4	
1/2	4,392.68	1/2	4,878.13	1/2	5,346.19	1/2	5,789.46	1/2	6,199.26	1/2	6,565.11	1/2	6,872.67	1/2	7,098.12	1/2		1/2	
3/4	4,402.92	3/4	4,888.09	3/4	5,355.71	3/4	5,798.39	3/4	6,207.38	3/4	6,572.18	3/4	6,878.33	3/4	7,101.67	3/4		3/4	
11	4,413.17	11	4,898.05	11	5,365.24	11	5,807.31	11	6,215.50	11	6,579.26	11	6,884.00	11	7,105.21	11		11	
1/4	4,423.39	1/4	4,907.98	1/4	5,374.71	1/4	5,816.17	1/4	6,223.55	1/4	6,586.23	1/4	6,889.52	1/4	7,108.51	1/4		1/4	
1/2	4,433.62	1/2	4,917.90	1/2	5,384.19	1/2	5,825.02	1/2	6,231.60	1/2	6,593.20	1/2	6,895.05	1/2	7,111.81	1/2		1/2	
3/4	4,443.85	3/4	4,927.83	3/4	5,393.67	3/4	5,833.88	3/4	6,239.64	3/4	6,600.17	3/4	6,900.57	3/4	7,115.11	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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