



BARGE "KIRBY 14829"

PORT INNAGE TABLE HORIZONTAL

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

FORMERLY "USL 151"

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	143.60	0	404.00	0	735.59	0	1,119.46	0	1,543.06	0	1,996.74	0	2,472.38	0	2,962.73	0	3,460.99
1/4	0.86	1/4	148.17	1/4	410.31	1/4	743.13	1/4	1,127.94	1/4	1,552.25	1/4	2,006.47	1/4	2,482.48	1/4	2,973.06	1/4	3,471.41
1/2	1.72	1/2	152.74	1/2	416.62	1/2	750.68	1/2	1,136.42	1/2	1,561.45	1/2	2,016.19	1/2	2,492.58	1/2	2,983.39	1/2	3,481.83
3/4	2.58	3/4	157.31	3/4	422.93	3/4	758.23	3/4	1,144.91	3/4	1,570.64	3/4	2,025.92	3/4	2,502.67	3/4	2,993.71	3/4	3,492.24
1	3.43	1	161.87	1	429.24	1	765.77	1	1,153.39	1	1,579.84	1	2,035.64	1	2,512.77	1	3,004.04	1	3,502.66
1/4	5.00	1/4	166.62	1/4	435.67	1/4	773.41	1/4	1,161.94	1/4	1,589.08	1/4	2,045.40	1/4	2,522.90	1/4	3,014.38	1/4	3,513.08
1/2	6.57	1/2	171.36	1/2	442.10	1/2	781.04	1/2	1,170.49	1/2	1,598.33	1/2	2,055.17	1/2	2,533.02	1/2	3,024.72	1/2	3,523.50
3/4	8.13	3/4	176.11	3/4	448.53	3/4	788.68	3/4	1,179.04	3/4	1,607.57	3/4	2,064.93	3/4	2,543.14	3/4	3,035.06	3/4	3,533.92
2	9.70	2	180.85	2	454.95	2	796.32	2	1,187.59	2	1,616.81	2	2,074.69	2	2,553.27	2	3,045.40	2	3,544.34
1/4	11.73	1/4	185.76	1/4	461.50	1/4	804.04	1/4	1,196.20	1/4	1,626.11	1/4	2,084.49	1/4	2,563.42	1/4	3,055.75	1/4	3,554.76
1/2	13.77	1/2	190.68	1/2	468.04	1/2	811.76	1/2	1,204.82	1/2	1,635.40	1/2	2,094.29	1/2	2,573.57	1/2	3,066.10	1/2	3,565.18
3/4	15.80	3/4	195.59	3/4	474.59	3/4	819.48	3/4	1,213.43	3/4	1,644.70	3/4	2,104.09	3/4	2,583.73	3/4	3,076.45	3/4	3,575.60
3	17.84	3	200.50	3	481.13	3	827.20	3	1,222.05	3	1,653.99	3	2,113.89	3	2,593.88	3	3,086.81	3	3,586.02
1/4	20.25	1/4	205.57	1/4	487.79	1/4	835.01	1/4	1,230.73	1/4	1,663.34	1/4	2,123.72	1/4	2,604.05	1/4	3,097.17	1/4	3,596.44
1/2	22.67	1/2	210.65	1/2	494.44	1/2	842.82	1/2	1,239.40	1/2	1,672.68	1/2	2,133.55	1/2	2,614.22	1/2	3,107.53	1/2	3,606.87
3/4	25.08	3/4	215.72	3/4	501.10	3/4	850.62	3/4	1,248.08	3/4	1,682.02	3/4	2,143.39	3/4	2,624.39	3/4	3,117.89	3/4	3,617.29
4	27.50	4	220.79	4	507.75	4	858.43	4	1,256.76	4	1,691.37	4	2,153.22	4	2,634.56	4	3,128.26	4	3,627.71
1/4	30.24	1/4	226.02	1/4	514.52	1/4	866.31	1/4	1,265.50	1/4	1,700.76	1/4	2,163.09	1/4	2,644.75	1/4	3,138.63	1/4	3,638.13
1/2	32.98	1/2	231.25	1/2	521.28	1/2	874.20	1/2	1,274.24	1/2	1,710.15	1/2	2,172.95	1/2	2,654.94	1/2	3,149.00	1/2	3,648.55
3/4	35.72	3/4	236.49	3/4	528.05	3/4	882.09	3/4	1,282.98	3/4	1,719.54	3/4	2,182.82	3/4	2,665.13	3/4	3,159.38	3/4	3,658.97
5	38.46	5	241.72	5	534.81	5	889.98	5	1,291.73	5	1,728.93	5	2,192.68	5	2,675.32	5	3,169.75	5	3,669.39
1/4	41.50	1/4	247.10	1/4	541.68	1/4	897.95	1/4	1,300.53	1/4	1,738.37	1/4	2,202.58	1/4	2,685.53	1/4	3,180.13	1/4	3,679.81
1/2	44.53	1/2	252.48	1/2	548.55	1/2	905.92	1/2	1,309.33	1/2	1,747.80	1/2	2,212.48	1/2	2,695.74	1/2	3,190.51	1/2	3,690.23
3/4	47.56	3/4	257.86	3/4	555.42	3/4	913.90	3/4	1,318.14	3/4	1,757.24	3/4	2,222.39	3/4	2,705.95	3/4	3,200.89	3/4	3,700.64
6	50.60	6	263.24	6	562.30	6	921.87	6	1,326.94	6	1,766.68	6	2,232.29	6	2,716.17	6	3,211.28	6	3,711.06
1/4	53.90	1/4	268.77	1/4	569.27	1/4	929.92	1/4	1,335.80	1/4	1,776.16	1/4	2,242.22	1/4	2,726.40	1/4	3,221.67	1/4	3,721.48
1/2	57.20	1/2	274.29	1/2	576.25	1/2	937.97	1/2	1,344.67	1/2	1,785.64	1/2	2,252.15	1/2	2,736.63	1/2	3,232.06	1/2	3,731.90
3/4	60.50	3/4	279.82	3/4	583.22	3/4	946.02	3/4	1,353.53	3/4	1,795.12	3/4	2,262.08	3/4	2,746.86	3/4	3,242.45	3/4	3,742.31
7	63.80	7	285.34	7	590.20	7	954.06	7	1,362.39	7	1,804.60	7	2,272.01	7	2,757.09	7	3,252.84	7	3,752.73
1/4	67.34	1/4	291.01	1/4	597.27	1/4	962.19	1/4	1,371.31	1/4	1,814.12	1/4	2,281.97	1/4	2,767.34	1/4	3,263.24	1/4	3,763.14
1/2	70.88	1/2	296.68	1/2	604.35	1/2	970.31	1/2	1,380.24	1/2	1,823.65	1/2	2,291.93	1/2	2,777.58	1/2	3,273.63	1/2	3,773.55
3/4	74.43	3/4	302.35	3/4	611.43	3/4	978.43	3/4	1,389.16	3/4	1,833.17	3/4	2,301.90	3/4	2,787.83	3/4	3,284.03	3/4	3,783.97
8	77.97	8	308.02	8	618.50	8	986.55	8	1,398.08	8	1,842.69	8	2,311.86	8	2,798.08	8	3,294.43	8	3,794.38
1/4	81.74	1/4	313.82	1/4	625.68	1/4	994.75	1/4	1,407.06	1/4	1,852.26	1/4	2,321.85	1/4	2,808.35	1/4	3,304.83	1/4	3,804.79
1/2	85.52	1/2	319.63	1/2	632.85	1/2	1,002.95	1/2	1,416.04	1/2	1,861.83	1/2	2,331.84	1/2	2,818.61	1/2	3,315.23	1/2	3,815.19
3/4	89.29	3/4	325.43	3/4	640.03	3/4	1,011.15	3/4	1,425.02	3/4	1,871.39	3/4	2,341.83	3/4	2,828.88	3/4	3,325.64	3/4	3,825.60
9	93.06	9	331.23	9	647.20	9	1,019.35	9	1,433.99	9	1,880.96	9	2,351.82	9	2,839.15	9	3,336.04	9	3,836.01
1/4	97.05	1/4	337.17	1/4	654.48	1/4	1,027.62	1/4	1,443.03	1/4	1,890.57	1/4	2,361.84	1/4	2,849.43	1/4	3,346.45	1/4	3,846.41
1/2	101.04	1/2	343.11	1/2	661.75	1/2	1,035.89	1/2	1,452.06	1/2	1,900.18	1/2	2,371.86	1/2	2,859.72	1/2	3,356.86	1/2	3,856.82
3/4	105.03	3/4	349.04	3/4	669.02	3/4	1,044.16	3/4	1,461.10	3/4	1,909.79	3/4	2,381.88	3/4	2,870.00	3/4	3,367.26	3/4	3,867.22
10	109.01	10	354.98	10	676.29	10	1,052.43	10	1,470.13	10	1,919.40	10	2,391.90	10	2,880.28	10	3,377.67	10	3,877.62
1/4	113.21	1/4	361.04	1/4	683.66	1/4	1,060.77	1/4	1,479.22	1/4	1,929.05	1/4	2,401.94	1/4	2,890.58	1/4	3,388.08	1/4	3,888.02
1/2	117.40	1/2	367.11	1/2	691.02	1/2	1,069.12	1/2	1,488.31	1/2	1,938.70	1/2	2,411.99	1/2	2,900.88	1/2	3,398.50	1/2	3,898.42
3/4	121.59	3/4	373.17	3/4	698.39	3/4	1,077.46	3/4	1,497.40	3/4	1,948.34	3/4	2,422.04	3/4	2,911.18	3/4	3,408.91	3/4	3,908.82
11	125.78	11	379.24	11	705.75	11	1,085.80	11	1,506.48	11	1,957.99	11	2,432.09	11	2,921.48	11	3,419.32	11	3,919.21
1/4	130.24	1/4	385.43	1/4	713.21	1/4	1,094.22	1/4	1,515.63	1/4	1,967.68	1/4	2,442.16	1/4	2,931.79	1/4	3,429.74	1/4	3,929.60
1/2	134.69	1/2	391.62	1/2	720.67	1/2	1,102.63	1/2	1,524.77	1/2	1,977.37	1/2	2,452.23	1/2	2,942.11	1/2	3,440.16	1/2	3,939.99
3/4	139.15	3/4	397.81	3/4	728.13	3/4	1,111.05	3/4	1,533.92	3/4	1,987.06	3/4	2,462.31	3/4	2,952.42	3/4	3,450.57	3/4	3,950.38

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BARGE "KIRBY 14829"

PORT INNAGE TABLE HORIZONTAL

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

FORMERLY "USL 151"

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	3,960.78	0	4,455.88	0	4,939.77	0	5,405.37	0	5,845.11	0	6,250.18	0	6,609.75	0	6,908.81	0	7,121.45	0	
1/4	3,971.19	1/4	4,466.10	1/4	4,949.67	1/4	5,414.81	1/4	5,853.91	1/4	6,258.15	1/4	6,616.63	1/4	6,914.19	1/4	7,124.49	1/4	
1/2	3,981.60	1/2	4,476.31	1/2	4,959.57	1/2	5,424.25	1/2	5,862.72	1/2	6,266.13	1/2	6,623.50	1/2	6,919.57	1/2	7,127.52	1/2	
3/4	3,992.01	3/4	4,486.52	3/4	4,969.47	3/4	5,433.68	3/4	5,871.52	3/4	6,274.10	3/4	6,630.37	3/4	6,924.95	3/4	7,130.55	3/4	
1	4,002.43	1	4,496.73	1	4,979.37	1	5,443.12	1	5,880.32	1	6,282.07	1	6,637.24	1	6,930.33	1	7,133.59	1	
1/4	4,012.77	1/4	4,506.92	1/4	4,989.23	1/4	5,452.51	1/4	5,889.07	1/4	6,289.96	1/4	6,644.00	1/4	6,935.88	1/4	7,136.33	1/4	
1/2	4,023.11	1/2	4,517.11	1/2	4,999.10	1/2	5,461.90	1/2	5,897.81	1/2	6,297.85	1/2	6,650.77	1/2	6,941.42	1/2	7,139.07	1/2	
3/4	4,033.45	3/4	4,527.30	3/4	5,008.96	3/4	5,471.29	3/4	5,906.55	3/4	6,305.74	3/4	6,657.53	3/4	6,946.97	3/4	7,141.81	3/4	
2	4,043.79	2	4,537.49	2	5,018.83	2	5,480.68	2	5,915.29	2	6,313.62	2	6,664.29	2	6,952.52	2	7,144.55	2	
1/4	4,054.16	1/4	4,547.66	1/4	5,028.66	1/4	5,490.03	1/4	5,923.97	1/4	6,321.43	1/4	6,670.95	1/4	6,957.28	1/4	7,146.97	1/4	
1/2	4,064.52	1/2	4,557.83	1/2	5,038.50	1/2	5,499.37	1/2	5,932.65	1/2	6,329.23	1/2	6,677.61	1/2	6,962.03	1/2	7,149.38	1/2	
3/4	4,074.88	3/4	4,568.00	3/4	5,048.33	3/4	5,508.71	3/4	5,941.32	3/4	6,337.04	3/4	6,684.26	3/4	6,966.79	3/4	7,151.80	3/4	
3	4,085.24	3	4,578.17	3	5,058.16	3	5,518.06	3	5,950.00	3	6,344.85	3	6,690.92	3	6,971.55	3	7,154.21	3	
1/4	4,095.60	1/4	4,588.32	1/4	5,067.96	1/4	5,527.35	1/4	5,958.62	1/4	6,352.57	1/4	6,697.46	1/4	6,976.46	1/4	7,156.25	1/4	
1/2	4,105.95	1/2	4,598.48	1/2	5,077.76	1/2	5,536.65	1/2	5,967.23	1/2	6,360.29	1/2	6,704.01	1/2	6,981.37	1/2	7,158.28	1/2	
3/4	4,116.30	3/4	4,608.63	3/4	5,087.56	3/4	5,545.94	3/4	5,975.85	3/4	6,368.01	3/4	6,710.55	3/4	6,986.29	3/4	7,160.32	3/4	
4	4,126.65	4	4,618.78	4	5,097.36	4	5,555.24	4	5,984.46	4	6,375.74	4	6,717.10	4	6,991.20	4	7,162.35	4	
1/4	4,136.99	1/4	4,628.91	1/4	5,107.12	1/4	5,564.48	1/4	5,993.01	1/4	6,383.37	1/4	6,723.52	1/4	6,995.94	1/4	7,163.92	1/4	
1/2	4,147.33	1/2	4,639.03	1/2	5,116.88	1/2	5,573.72	1/2	6,001.56	1/2	6,391.01	1/2	6,729.95	1/2	7,000.69	1/2	7,165.48	1/2	
3/4	4,157.67	3/4	4,649.15	3/4	5,126.65	3/4	5,582.97	3/4	6,010.11	3/4	6,398.64	3/4	6,736.38	3/4	7,005.43	3/4	7,167.05	3/4	
5	4,168.01	5	4,659.28	5	5,136.41	5	5,592.21	5	6,018.66	5	6,406.28	5	6,742.81	5	7,010.18	5	7,168.62	5	
1/4	4,178.34	1/4	4,669.38	1/4	5,146.13	1/4	5,601.41	1/4	6,027.14	1/4	6,413.82	1/4	6,749.12	1/4	7,014.74	1/4	7,169.47	1/4	
1/2	4,188.66	1/2	4,679.47	1/2	5,155.86	1/2	5,610.60	1/2	6,035.63	1/2	6,421.37	1/2	6,755.43	1/2	7,019.31	1/2	7,170.33	1/2	
3/4	4,198.99	3/4	4,689.57	3/4	5,165.58	3/4	5,619.80	3/4	6,044.11	3/4	6,428.92	3/4	6,761.74	3/4	7,023.88	3/4	7,171.19	3/4	
6	4,209.32	6	4,699.67	6	5,175.31	6	5,628.99	6	6,052.59	6	6,436.46	6	6,768.05	6	7,028.45	6	7,172.05	6	
1/4	4,219.63	1/4	4,709.74	1/4	5,184.99	1/4	5,638.13	1/4	6,061.00	1/4	6,443.92	1/4	6,774.24	1/4	7,032.90	1/4		1/4	
1/2	4,229.94	1/2	4,719.82	1/2	5,194.68	1/2	5,647.28	1/2	6,069.42	1/2	6,451.38	1/2	6,780.43	1/2	7,037.36	1/2		1/2	
3/4	4,240.26	3/4	4,729.89	3/4	5,204.37	3/4	5,656.42	3/4	6,077.83	3/4	6,458.84	3/4	6,786.62	3/4	7,041.81	3/4		3/4	
7	4,250.57	7	4,739.96	7	5,214.06	7	5,665.57	7	6,086.25	7	6,466.30	7	6,792.81	7	7,046.27	7		7	
1/4	4,260.87	1/4	4,750.01	1/4	5,223.71	1/4	5,674.65	1/4	6,094.59	1/4	6,473.66	1/4	6,798.88	1/4	7,050.46	1/4		1/4	
1/2	4,271.17	1/2	4,760.06	1/2	5,233.35	1/2	5,683.74	1/2	6,102.93	1/2	6,481.03	1/2	6,804.94	1/2	7,054.65	1/2		1/2	
3/4	4,281.47	3/4	4,770.11	3/4	5,243.00	3/4	5,692.83	3/4	6,111.28	3/4	6,488.39	3/4	6,811.00	3/4	7,058.84	3/4		3/4	
8	4,291.77	8	4,780.15	8	5,252.65	8	5,701.92	8	6,119.62	8	6,495.76	8	6,817.07	8	7,063.04	8		8	
1/4	4,302.05	1/4	4,790.17	1/4	5,262.26	1/4	5,710.95	1/4	6,127.89	1/4	6,503.03	1/4	6,823.00	1/4	7,067.02	1/4		1/4	
1/2	4,312.33	1/2	4,800.19	1/2	5,271.87	1/2	5,719.99	1/2	6,136.16	1/2	6,510.30	1/2	6,828.94	1/2	7,071.01	1/2		1/2	
3/4	4,322.62	3/4	4,810.21	3/4	5,281.48	3/4	5,729.02	3/4	6,144.43	3/4	6,517.57	3/4	6,834.88	3/4	7,075.00	3/4		3/4	
9	4,332.90	9	4,820.23	9	5,291.09	9	5,738.06	9	6,152.70	9	6,524.85	9	6,840.82	9	7,078.99	9		9	
1/4	4,343.17	1/4	4,830.22	1/4	5,300.66	1/4	5,747.03	1/4	6,160.90	1/4	6,532.02	1/4	6,846.62	1/4	7,082.76	1/4		1/4	
1/2	4,353.43	1/2	4,840.21	1/2	5,310.22	1/2	5,756.01	1/2	6,169.10	1/2	6,539.20	1/2	6,852.42	1/2	7,086.53	1/2		1/2	
3/4	4,363.70	3/4	4,850.20	3/4	5,319.79	3/4	5,764.99	3/4	6,177.30	3/4	6,546.37	3/4	6,858.23	3/4	7,090.30	3/4		3/4	
10	4,373.97	10	4,860.19	10	5,329.36	10	5,773.97	10	6,185.49	10	6,553.55	10	6,864.03	10	7,094.08	10		10	
1/4	4,384.21	1/4	4,870.15	1/4	5,338.88	1/4	5,782.89	1/4	6,193.62	1/4	6,560.62	1/4	6,869.70	1/4	7,097.62	1/4		1/4	
1/2	4,394.46	1/2	4,880.12	1/2	5,348.40	1/2	5,791.81	1/2	6,201.74	1/2	6,567.70	1/2	6,875.37	1/2	7,101.16	1/2		1/2	
3/4	4,404.71	3/4	4,890.08	3/4	5,357.93	3/4	5,800.74	3/4	6,209.86	3/4	6,574.78	3/4	6,881.04	3/4	7,104.71	3/4		3/4	
11	4,414.96	11	4,900.04	11	5,367.45	11	5,809.66	11	6,217.99	11	6,581.85	11	6,886.71	11	7,108.25	11		11	
1/4	4,425.19	1/4	4,909.97	1/4	5,376.93	1/4	5,818.52	1/4	6,226.03	1/4	6,588.83	1/4	6,892.23	1/4	7,111.55	1/4		1/4	
1/2	4,435.42	1/2	4,919.90	1/2	5,386.41	1/2	5,827.38	1/2	6,234.08	1/2	6,595.80	1/2	6,897.76	1/2	7,114.85	1/2		1/2	
3/4	4,445.65	3/4	4,929.83	3/4	5,395.89	3/4	5,836.25	3/4	6,242.13	3/4	6,602.78	3/4	6,903.28	3/4	7,118.15	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/1978 EWS
RECALCULATED: 01/13/2012 SW
REPRINTED: 01/13/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 14829"

STBD INNAGE TABLE HORIZONTAL

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

FORMERLY "USL 151"

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	143.69	0	404.24	0	736.02	0	1,120.12	0	1,543.98	0	1,997.93	0	2,473.85	0	2,964.49	0	3,463.04
1/4	0.86	1/4	148.26	1/4	410.55	1/4	743.57	1/4	1,128.61	1/4	1,553.17	1/4	2,007.66	1/4	2,483.95	1/4	2,974.82	1/4	3,473.46
1/2	1.72	1/2	152.83	1/2	416.87	1/2	751.12	1/2	1,137.10	1/2	1,562.37	1/2	2,017.39	1/2	2,494.05	1/2	2,985.15	1/2	3,483.89
3/4	2.58	3/4	157.40	3/4	423.18	3/4	758.67	3/4	1,145.58	3/4	1,571.57	3/4	2,027.12	3/4	2,504.16	3/4	2,995.49	3/4	3,494.31
1	3.44	1	161.97	1	429.50	1	766.23	1	1,154.07	1	1,580.77	1	2,036.85	1	2,514.26	1	3,005.82	1	3,504.74
1/4	5.00	1/4	166.72	1/4	435.93	1/4	773.87	1/4	1,162.63	1/4	1,590.02	1/4	2,046.62	1/4	2,524.39	1/4	3,016.17	1/4	3,515.16
1/2	6.57	1/2	171.46	1/2	442.36	1/2	781.51	1/2	1,171.18	1/2	1,599.27	1/2	2,056.39	1/2	2,534.52	1/2	3,026.51	1/2	3,525.59
3/4	8.14	3/4	176.21	3/4	448.79	3/4	789.15	3/4	1,179.73	3/4	1,608.52	3/4	2,066.15	3/4	2,544.65	3/4	3,036.86	3/4	3,536.02
2	9.70	2	180.96	2	455.22	2	796.79	2	1,188.29	2	1,617.77	2	2,075.92	2	2,554.78	2	3,047.21	2	3,546.44
1/4	11.74	1/4	185.87	1/4	461.77	1/4	804.51	1/4	1,196.91	1/4	1,627.07	1/4	2,085.73	1/4	2,564.94	1/4	3,057.56	1/4	3,556.87
1/2	13.78	1/2	190.79	1/2	468.32	1/2	812.24	1/2	1,205.53	1/2	1,636.37	1/2	2,095.53	1/2	2,575.10	1/2	3,067.92	1/2	3,567.29
3/4	15.81	3/4	195.70	3/4	474.87	3/4	819.97	3/4	1,214.15	3/4	1,645.67	3/4	2,105.34	3/4	2,585.26	3/4	3,078.28	3/4	3,577.72
3	17.85	3	200.62	3	481.42	3	827.69	3	1,222.77	3	1,654.97	3	2,115.14	3	2,595.42	3	3,088.64	3	3,588.15
1/4	20.27	1/4	205.69	1/4	488.08	1/4	835.51	1/4	1,231.46	1/4	1,664.32	1/4	2,124.98	1/4	2,605.59	1/4	3,099.00	1/4	3,598.58
1/2	22.68	1/2	210.77	1/2	494.74	1/2	843.32	1/2	1,240.14	1/2	1,673.67	1/2	2,134.82	1/2	2,615.77	1/2	3,109.37	1/2	3,609.00
3/4	25.10	3/4	215.85	3/4	501.39	3/4	851.13	3/4	1,248.82	3/4	1,683.02	3/4	2,144.66	3/4	2,625.94	3/4	3,119.74	3/4	3,619.43
4	27.52	4	220.92	4	508.05	4	858.94	4	1,257.51	4	1,692.37	4	2,154.50	4	2,636.12	4	3,130.11	4	3,629.86
1/4	30.26	1/4	226.16	1/4	514.82	1/4	866.83	1/4	1,266.25	1/4	1,701.77	1/4	2,164.37	1/4	2,646.32	1/4	3,140.49	1/4	3,640.29
1/2	33.00	1/2	231.39	1/2	521.59	1/2	874.72	1/2	1,275.00	1/2	1,711.16	1/2	2,174.24	1/2	2,656.51	1/2	3,150.87	1/2	3,650.71
3/4	35.74	3/4	236.63	3/4	528.36	3/4	882.61	3/4	1,283.75	3/4	1,720.56	3/4	2,184.11	3/4	2,666.71	3/4	3,161.25	3/4	3,661.14
5	38.48	5	241.86	5	535.13	5	890.50	5	1,292.49	5	1,729.96	5	2,193.98	5	2,676.91	5	3,171.63	5	3,671.56
1/4	41.52	1/4	247.24	1/4	542.00	1/4	898.48	1/4	1,301.30	1/4	1,739.40	1/4	2,203.89	1/4	2,687.12	1/4	3,182.02	1/4	3,681.99
1/2	44.56	1/2	252.63	1/2	548.88	1/2	906.46	1/2	1,310.11	1/2	1,748.84	1/2	2,213.80	1/2	2,697.34	1/2	3,192.40	1/2	3,692.41
3/4	47.59	3/4	258.01	3/4	555.75	3/4	914.44	3/4	1,318.92	3/4	1,758.28	3/4	2,223.70	3/4	2,707.56	3/4	3,202.79	3/4	3,702.84
6	50.63	6	263.40	6	562.63	6	922.42	6	1,327.73	6	1,767.72	6	2,233.61	6	2,717.78	6	3,213.18	6	3,713.26
1/4	53.93	1/4	268.93	1/4	569.61	1/4	930.47	1/4	1,336.60	1/4	1,777.21	1/4	2,243.55	1/4	2,728.01	1/4	3,223.58	1/4	3,723.69
1/2	57.23	1/2	274.46	1/2	576.59	1/2	938.52	1/2	1,345.46	1/2	1,786.69	1/2	2,253.48	1/2	2,738.25	1/2	3,233.97	1/2	3,734.11
3/4	60.53	3/4	279.98	3/4	583.57	3/4	946.58	3/4	1,354.33	3/4	1,796.18	3/4	2,263.42	3/4	2,748.49	3/4	3,244.37	3/4	3,744.53
7	63.84	7	285.51	7	590.55	7	954.63	7	1,363.20	7	1,805.67	7	2,273.36	7	2,758.72	7	3,254.77	7	3,754.95
1/4	67.38	1/4	291.18	1/4	597.63	1/4	962.76	1/4	1,372.13	1/4	1,815.20	1/4	2,283.33	1/4	2,768.98	1/4	3,265.17	1/4	3,765.37
1/2	70.93	1/2	296.86	1/2	604.71	1/2	970.88	1/2	1,381.05	1/2	1,824.73	1/2	2,293.29	1/2	2,779.23	1/2	3,275.57	1/2	3,775.79
3/4	74.47	3/4	302.53	3/4	611.79	3/4	979.01	3/4	1,389.98	3/4	1,834.26	3/4	2,303.26	3/4	2,789.48	3/4	3,285.98	3/4	3,786.21
8	78.01	8	308.20	8	618.87	8	987.14	8	1,398.91	8	1,843.79	8	2,313.23	8	2,799.74	8	3,296.38	8	3,796.63
1/4	81.79	1/4	314.01	1/4	626.05	1/4	995.34	1/4	1,407.89	1/4	1,853.36	1/4	2,323.22	1/4	2,810.01	1/4	3,306.79	1/4	3,807.04
1/2	85.57	1/2	319.82	1/2	633.23	1/2	1,003.54	1/2	1,416.88	1/2	1,862.93	1/2	2,333.22	1/2	2,820.29	1/2	3,317.20	1/2	3,817.46
3/4	89.34	3/4	325.62	3/4	640.41	3/4	1,011.75	3/4	1,425.86	3/4	1,872.50	3/4	2,343.22	3/4	2,830.56	3/4	3,327.61	3/4	3,827.87
9	93.12	9	331.43	9	647.59	9	1,019.95	9	1,434.85	9	1,882.08	9	2,353.21	9	2,840.83	9	3,338.02	9	3,838.28
1/4	97.11	1/4	337.37	1/4	654.86	1/4	1,028.23	1/4	1,443.88	1/4	1,891.69	1/4	2,363.24	1/4	2,851.12	1/4	3,348.43	1/4	3,848.69
1/2	101.10	1/2	343.31	1/2	662.14	1/2	1,036.50	1/2	1,452.92	1/2	1,901.31	1/2	2,373.26	1/2	2,861.41	1/2	3,358.85	1/2	3,859.10
3/4	105.09	3/4	349.25	3/4	669.42	3/4	1,044.78	3/4	1,461.96	3/4	1,910.92	3/4	2,383.29	3/4	2,871.70	3/4	3,369.26	3/4	3,869.51
10	109.08	10	355.19	10	676.69	10	1,053.05	10	1,471.00	10	1,920.54	10	2,393.31	10	2,881.99	10	3,379.67	10	3,879.92
1/4	113.27	1/4	361.26	1/4	684.06	1/4	1,061.40	1/4	1,480.10	1/4	1,930.19	1/4	2,403.37	1/4	2,892.29	1/4	3,390.09	1/4	3,890.33
1/2	117.47	1/2	367.33	1/2	691.43	1/2	1,069.75	1/2	1,489.19	1/2	1,939.85	1/2	2,413.42	1/2	2,902.60	1/2	3,400.51	1/2	3,900.73
3/4	121.66	3/4	373.39	3/4	698.80	3/4	1,078.10	3/4	1,498.28	3/4	1,949.50	3/4	2,423.47	3/4	2,912.90	3/4	3,410.93	3/4	3,911.13
11	125.86	11	379.46	11	706.17	11	1,086.45	11	1,507.38	11	1,959.15	11	2,433.53	11	2,923.21	11	3,421.35	11	3,921.54
1/4	130.32	1/4	385.66	1/4	713.64	1/4	1,094.87	1/4	1,516.53	1/4	1,968.85	1/4	2,443.61	1/4	2,933.53	1/4	3,431.77	1/4	3,931.93
1/2	134.77	1/2	391.85	1/2	721.10	1/2	1,103.29	1/2	1,525.68	1/2	1,978.54	1/2	2,453.69	1/2	2,943.85	1/2	3,442.19	1/2	3,942.33
3/4	139.23	3/4	398.05	3/4	728.56	3/4	1,111.70	3/4	1,534.83	3/4	1,988.23	3/4	2,463.77	3/4	2,954.17	3/4	3,452.62	3/4	3,952.73

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

TANK STRAPPED AND COMPUTED IN ACCORDANCE WITH API STANDARD 2553.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 14829"

STBD INNAGE TABLE HORIZONTAL

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

FORMERLY "USL 151"

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	3,963.12	0	4,458.53	0	4,942.69	0	5,408.58	0	5,848.57	0	6,253.88	0	6,613.67	0	6,912.90	0	7,125.68	0	
1/4	3,973.54	1/4	4,468.74	1/4	4,952.60	1/4	5,418.02	1/4	5,857.38	1/4	6,261.86	1/4	6,620.55	1/4	6,918.29	1/4	7,128.71	1/4	
1/2	3,983.96	1/2	4,478.96	1/2	4,962.51	1/2	5,427.46	1/2	5,866.19	1/2	6,269.84	1/2	6,627.42	1/2	6,923.67	1/2	7,131.75	1/2	
3/4	3,994.38	3/4	4,489.18	3/4	4,972.41	3/4	5,436.90	3/4	5,875.00	3/4	6,277.82	3/4	6,634.30	3/4	6,929.06	3/4	7,134.78	3/4	
1	4,004.80	1	4,499.40	1	4,982.32	1	5,446.35	1	5,883.81	1	6,285.80	1	6,641.18	1	6,934.44	1	7,137.82	1	
1/4	4,015.15	1/4	4,509.59	1/4	4,992.19	1/4	5,455.74	1/4	5,892.56	1/4	6,293.69	1/4	6,647.94	1/4	6,939.99	1/4	7,140.56	1/4	
1/2	4,025.50	1/2	4,519.79	1/2	5,002.06	1/2	5,465.14	1/2	5,901.30	1/2	6,301.58	1/2	6,654.71	1/2	6,945.54	1/2	7,143.30	1/2	
3/4	4,035.84	3/4	4,529.99	3/4	5,011.93	3/4	5,474.54	3/4	5,910.05	3/4	6,309.47	3/4	6,661.48	3/4	6,951.09	3/4	7,146.04	3/4	
2	4,046.19	2	4,540.18	2	5,021.80	2	5,483.93	2	5,918.80	2	6,317.37	2	6,668.24	2	6,956.64	2	7,148.79	2	
1/4	4,056.56	1/4	4,550.36	1/4	5,031.64	1/4	5,493.28	1/4	5,927.48	1/4	6,325.18	1/4	6,674.90	1/4	6,961.40	1/4	7,151.20	1/4	
1/2	4,066.93	1/2	4,560.53	1/2	5,041.48	1/2	5,502.63	1/2	5,936.16	1/2	6,332.99	1/2	6,681.56	1/2	6,966.16	1/2	7,153.62	1/2	
3/4	4,077.30	3/4	4,570.71	3/4	5,051.32	3/4	5,511.98	3/4	5,944.85	3/4	6,340.80	3/4	6,688.22	3/4	6,970.92	3/4	7,156.04	3/4	
3	4,087.67	3	4,580.88	3	5,061.16	3	5,521.33	3	5,953.53	3	6,348.61	3	6,694.88	3	6,975.68	3	7,158.45	3	
1/4	4,098.02	1/4	4,591.04	1/4	5,070.97	1/4	5,530.63	1/4	5,962.15	1/4	6,356.33	1/4	6,701.43	1/4	6,980.60	1/4	7,160.49	1/4	
1/2	4,108.38	1/2	4,601.20	1/2	5,080.77	1/2	5,539.93	1/2	5,970.77	1/2	6,364.06	1/2	6,707.98	1/2	6,985.51	1/2	7,162.53	1/2	
3/4	4,118.74	3/4	4,611.36	3/4	5,090.57	3/4	5,549.23	3/4	5,979.39	3/4	6,371.79	3/4	6,714.53	3/4	6,990.43	3/4	7,164.56	3/4	
4	4,129.10	4	4,621.52	4	5,100.38	4	5,558.53	4	5,988.01	4	6,379.51	4	6,721.08	4	6,995.34	4	7,166.60	4	
1/4	4,139.44	1/4	4,631.65	1/4	5,110.15	1/4	5,567.78	1/4	5,996.57	1/4	6,387.16	1/4	6,727.51	1/4	7,000.09	1/4	7,168.16	1/4	
1/2	4,149.79	1/2	4,641.78	1/2	5,119.92	1/2	5,577.03	1/2	6,005.12	1/2	6,394.80	1/2	6,733.94	1/2	7,004.84	1/2	7,169.73	1/2	
3/4	4,160.14	3/4	4,651.91	3/4	5,129.69	3/4	5,586.28	3/4	6,013.68	3/4	6,402.44	3/4	6,740.37	3/4	7,009.58	3/4	7,171.30	3/4	
5	4,170.48	5	4,662.04	5	5,139.45	5	5,595.53	5	6,022.23	5	6,410.08	5	6,746.81	5	7,014.33	5	7,172.87	5	
1/4	4,180.82	1/4	4,672.14	1/4	5,149.18	1/4	5,604.73	1/4	6,030.72	1/4	6,417.63	1/4	6,753.12	1/4	7,018.90	1/4	7,173.73	1/4	
1/2	4,191.15	1/2	4,682.25	1/2	5,158.91	1/2	5,613.93	1/2	6,039.20	1/2	6,425.18	1/2	6,759.43	1/2	7,023.47	1/2	7,174.58	1/2	
3/4	4,201.48	3/4	4,692.35	3/4	5,168.64	3/4	5,623.13	3/4	6,047.69	3/4	6,432.73	3/4	6,765.75	3/4	7,028.04	3/4	7,175.44	3/4	
6	4,211.81	6	4,702.46	6	5,178.37	6	5,632.33	6	6,056.18	6	6,440.28	6	6,772.06	6	7,032.61	6	7,176.30	6	
1/4	4,222.13	1/4	4,712.54	1/4	5,188.07	1/4	5,641.48	1/4	6,064.60	1/4	6,447.74	1/4	6,778.26	1/4	7,037.07	1/4		1/4	
1/2	4,232.45	1/2	4,722.62	1/2	5,197.76	1/2	5,650.63	1/2	6,073.02	1/2	6,455.20	1/2	6,784.45	1/2	7,041.53	1/2		1/2	
3/4	4,242.77	3/4	4,732.69	3/4	5,207.46	3/4	5,659.77	3/4	6,081.44	3/4	6,462.67	3/4	6,790.65	3/4	7,045.99	3/4		3/4	
7	4,253.09	7	4,742.77	7	5,217.15	7	5,668.92	7	6,089.85	7	6,470.13	7	6,796.84	7	7,050.44	7		7	
1/4	4,263.40	1/4	4,752.83	1/4	5,226.80	1/4	5,678.02	1/4	6,098.20	1/4	6,477.50	1/4	6,802.91	1/4	7,054.64	1/4		1/4	
1/2	4,273.70	1/2	4,762.88	1/2	5,236.46	1/2	5,687.11	1/2	6,106.55	1/2	6,484.87	1/2	6,808.97	1/2	7,058.83	1/2		1/2	
3/4	4,284.01	3/4	4,772.93	3/4	5,246.11	3/4	5,696.21	3/4	6,114.90	3/4	6,492.24	3/4	6,815.04	3/4	7,063.03	3/4		3/4	
8	4,294.31	8	4,782.99	8	5,255.77	8	5,705.30	8	6,123.25	8	6,499.61	8	6,821.11	8	7,067.22	8		8	
1/4	4,304.60	1/4	4,793.01	1/4	5,265.38	1/4	5,714.34	1/4	6,131.52	1/4	6,506.89	1/4	6,827.05	1/4	7,071.21	1/4		1/4	
1/2	4,314.89	1/2	4,803.04	1/2	5,275.00	1/2	5,723.38	1/2	6,139.80	1/2	6,514.16	1/2	6,832.99	1/2	7,075.20	1/2		1/2	
3/4	4,325.18	3/4	4,813.07	3/4	5,284.61	3/4	5,732.42	3/4	6,148.08	3/4	6,521.44	3/4	6,838.93	3/4	7,079.19	3/4		3/4	
9	4,335.47	9	4,823.09	9	5,294.23	9	5,741.46	9	6,156.35	9	6,528.72	9	6,844.87	9	7,083.18	9		9	
1/4	4,345.74	1/4	4,833.09	1/4	5,303.80	1/4	5,750.44	1/4	6,164.55	1/4	6,535.90	1/4	6,850.68	1/4	7,086.96	1/4		1/4	
1/2	4,356.01	1/2	4,843.08	1/2	5,313.37	1/2	5,759.43	1/2	6,172.76	1/2	6,543.07	1/2	6,856.49	1/2	7,090.73	1/2		1/2	
3/4	4,366.29	3/4	4,853.08	3/4	5,322.94	3/4	5,768.41	3/4	6,180.96	3/4	6,550.25	3/4	6,862.29	3/4	7,094.51	3/4		3/4	
10	4,376.56	10	4,863.07	10	5,332.52	10	5,777.39	10	6,189.16	10	6,557.43	10	6,868.10	10	7,098.28	10		10	
1/4	4,386.81	1/4	4,873.04	1/4	5,342.05	1/4	5,786.32	1/4	6,197.29	1/4	6,564.51	1/4	6,873.77	1/4	7,101.83	1/4		1/4	
1/2	4,397.07	1/2	4,883.01	1/2	5,351.58	1/2	5,795.25	1/2	6,205.42	1/2	6,571.59	1/2	6,879.45	1/2	7,105.37	1/2		1/2	
3/4	4,407.32	3/4	4,892.98	3/4	5,361.11	3/4	5,804.18	3/4	6,213.54	3/4	6,578.67	3/4	6,885.12	3/4	7,108.92	3/4		3/4	
11	4,417.58	11	4,902.94	11	5,370.64	11	5,813.10	11	6,221.67	11	6,585.75	11	6,890.79	11	7,112.47	11		11	
1/4	4,427.82	1/4	4,912.88	1/4	5,380.12	1/4	5,821.97	1/4	6,229.73	1/4	6,592.73	1/4	6,896.32	1/4	7,115.77	1/4		1/4	
1/2	4,438.05	1/2	4,922.82	1/2	5,389.61	1/2	5,830.84	1/2	6,237.78	1/2	6,599.71	1/2	6,901.85	1/2	7,119.07	1/2		1/2	
3/4	4,448.29	3/4	4,932.76	3/4	5,399.09	3/4	5,839.71	3/4	6,245.83	3/4	6,606.69	3/4	6,907.38	3/4	7,122.37	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/1978 EWS
RECALCULATED: 01/13/2012 SW
REPRINTED: 01/13/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT
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