



BARGE "KIRBY 20851"

PORT ULLAGE TABLE HORIZONTAL GAUGE HEIGHT 23'-09"

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

FORMERLY "B 2400"

4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	10,314.21	0	10,031.00	0	9,602.74	0	9,079.71	0	8,487.29	0	7,842.71	0	7,159.45	0	6,449.19
1/4	1/4	1/4	1/4	1/4	10,310.42	1/4	10,023.32	1/4	9,592.71	1/4	9,068.03	1/4	8,474.33	1/4	7,828.85	1/4	7,144.90	1/4	6,434.16
1/2	1/2	1/2	1/2	1/2	10,306.62	1/2	10,015.64	1/2	9,582.68	1/2	9,056.35	1/2	8,461.37	1/2	7,814.99	1/2	7,130.36	1/2	6,419.13
3/4	3/4	3/4	3/4	3/4	10,302.82	3/4	10,007.96	3/4	9,572.65	3/4	9,044.66	3/4	8,448.41	3/4	7,801.13	3/4	7,115.81	3/4	6,404.10
1		1		1	10,299.02	1	10,000.29	1	9,562.62	1	9,032.98	1	8,435.45	1	7,787.26	1	7,101.26	1	6,389.07
1/4	1/4	1/4	1/4	1/4	10,294.73	1/4	9,992.15	1/4	9,552.29	1/4	9,021.06	1/4	8,422.35	1/4	7,773.24	1/4	7,086.62	1/4	6,374.01
1/2	1/2	1/2	1/2	1/2	10,290.43	1/2	9,984.02	1/2	9,541.95	1/2	9,009.14	1/2	8,409.25	1/2	7,759.21	1/2	7,071.98	1/2	6,358.95
3/4	3/4	3/4	3/4	3/4	10,286.13	3/4	9,975.89	3/4	9,531.62	3/4	8,997.23	3/4	8,396.15	3/4	7,745.19	3/4	7,057.33	3/4	6,343.89
2		2		2	10,281.83	2	9,967.76	2	9,521.29	2	8,985.31	2	8,383.05	2	7,731.17	2	7,042.69	2	6,328.83
1/4	1/4	1/4	1/4	1/4	10,277.10	1/4	9,959.63	1/4	9,510.96	1/4	8,973.39	1/4	8,369.94	1/4	7,717.14	1/4	7,028.05	1/4	6,313.77
1/2	1/2	1/2	1/2	1/2	10,272.37	1/2	9,951.49	1/2	9,500.63	1/2	8,961.46	1/2	8,356.83	1/2	7,703.12	1/2	7,013.42	1/2	6,298.71
3/4	3/4	3/4	3/4	3/4	10,267.64	3/4	9,943.35	3/4	9,490.30	3/4	8,949.54	3/4	8,343.73	3/4	7,689.10	3/4	6,998.78	3/4	6,283.66
3		3		3	10,262.90	3	9,935.21	3	9,479.98	3	8,937.62	3	8,330.62	3	7,675.07	3	6,984.14	3	6,268.60
1/4	1/4	1/4	1/4	1/4	10,257.76	1/4	9,926.65	1/4	9,469.34	1/4	8,925.46	1/4	8,317.34	1/4	7,660.95	1/4	6,969.41	1/4	6,253.49
1/2	1/2	1/2	1/2	1/2	10,252.61	1/2	9,918.08	1/2	9,458.70	1/2	8,913.31	1/2	8,304.06	1/2	7,646.83	1/2	6,954.68	1/2	6,238.38
3/4	3/4	3/4	3/4	3/4	10,247.46	3/4	9,909.52	3/4	9,448.07	3/4	8,901.15	3/4	8,290.78	3/4	7,632.71	3/4	6,939.95	3/4	6,223.27
4		4		4	10,242.31	4	9,900.95	4	9,437.43	4	8,889.00	4	8,277.50	4	7,618.60	4	6,925.21	4	6,208.17
1/4	1/4	1/4	1/4	1/4	10,236.80	1/4	9,892.39	1/4	9,426.80	1/4	8,876.84	1/4	8,264.23	1/4	7,604.48	1/4	6,910.49	1/4	6,193.06
1/2	1/2	1/2	1/2	1/2	10,231.30	1/2	9,883.82	1/2	9,416.17	1/2	8,864.68	1/2	8,250.95	1/2	7,590.36	1/2	6,895.76	1/2	6,177.95
3/4	3/4	3/4	3/4	3/4	10,225.79	3/4	9,875.26	3/4	9,405.54	3/4	8,852.52	3/4	8,237.68	3/4	7,576.24	3/4	6,881.04	3/4	6,162.85
5		5		5	10,220.29	5	9,866.69	5	9,394.91	5	8,840.36	5	8,224.40	5	7,562.12	5	6,866.31	5	6,147.74
1/4	1/4	1/4	1/4	1/4	10,214.42	1/4	9,857.73	1/4	9,383.99	1/4	8,828.01	1/4	8,210.95	1/4	7,547.88	1/4	6,851.51	1/4	6,132.59
1/2	1/2	1/2	1/2	1/2	10,208.56	1/2	9,848.76	1/2	9,373.07	1/2	8,815.65	1/2	8,197.49	1/2	7,533.64	1/2	6,836.70	1/2	6,117.44
3/4	3/4	3/4	3/4	3/4	10,202.70	3/4	9,839.80	3/4	9,362.15	3/4	8,803.30	3/4	8,184.03	3/4	7,519.41	3/4	6,821.90	3/4	6,102.29
6		6		6	10,196.83	6	9,830.83	6	9,351.24	6	8,790.95	6	8,170.57	6	7,505.17	6	6,807.10	6	6,087.14
1/4	1/4	1/4	1/4	1/4	10,190.65	1/4	9,821.88	1/4	9,340.32	1/4	8,778.60	1/4	8,157.11	1/4	7,490.93	1/4	6,792.29	1/4	6,071.99
1/2	1/2	1/2	1/2	1/2	10,184.48	1/2	9,812.92	1/2	9,329.40	1/2	8,766.24	1/2	8,143.65	1/2	7,476.69	1/2	6,777.48	1/2	6,056.85
3/4	3/4	3/4	3/4	3/4	10,178.30	3/4	9,803.96	3/4	9,318.49	3/4	8,753.88	3/4	8,130.20	3/4	7,462.45	3/4	6,762.67	3/4	6,041.70
7		7		7	10,172.12	7	9,795.00	7	9,307.57	7	8,741.52	7	8,116.74	7	7,448.21	7	6,747.86	7	6,026.55
1/4	1/4	1/4	1/4	1/4	10,165.63	1/4	9,785.67	1/4	9,296.38	1/4	8,728.97	1/4	8,103.15	1/4	7,433.87	1/4	6,732.98	1/4	6,011.33
1/2	1/2	1/2	1/2	1/2	10,159.14	1/2	9,776.33	1/2	9,285.18	1/2	8,716.42	1/2	8,089.56	1/2	7,419.52	1/2	6,718.11	1/2	5,996.11
3/4	3/4	3/4	3/4	3/4	10,152.65	3/4	9,767.00	3/4	9,273.98	3/4	8,703.86	3/4	8,075.97	3/4	7,405.18	3/4	6,703.23	3/4	5,980.89
8		8		8	10,146.17	8	9,757.67	8	9,262.79	8	8,691.31	8	8,062.38	8	7,390.83	8	6,688.36	8	5,965.67
1/4	1/4	1/4	1/4	1/4	10,139.39	1/4	9,748.33	1/4	9,251.59	1/4	8,678.75	1/4	8,048.79	1/4	7,376.49	1/4	6,673.48	1/4	5,950.45
1/2	1/2	1/2	1/2	1/2	10,132.62	1/2	9,739.00	1/2	9,240.39	1/2	8,666.19	1/2	8,035.19	1/2	7,362.14	1/2	6,658.61	1/2	5,935.24
3/4	3/4	3/4	3/4	3/4	10,125.85	3/4	9,729.67	3/4	9,229.20	3/4	8,653.63	3/4	8,021.60	3/4	7,347.80	3/4	6,643.73	3/4	5,920.02
9		9	10,342.45	9	10,119.07	9	9,720.33	9	9,218.00	9	8,641.07	9	8,008.00	9	7,333.45	9	6,628.86	9	5,904.81
1/4	1/4	1/4	10,341.08	1/4	10,111.90	1/4	9,710.65	1/4	9,206.56	1/4	8,628.33	1/4	7,994.28	1/4	7,318.98	1/4	6,613.92	1/4	5,889.58
1/2	1/2	1/2	10,339.71	1/2	10,104.73	1/2	9,700.96	1/2	9,195.12	1/2	8,615.58	1/2	7,980.56	1/2	7,304.50	1/2	6,598.98	1/2	5,874.36
3/4	3/4	3/4	10,338.35	3/4	10,097.55	3/4	9,691.28	3/4	9,183.68	3/4	8,602.84	3/4	7,966.84	3/4	7,290.02	3/4	6,584.04	3/4	5,859.13
10		10	10,336.98	10	10,090.38	10	9,681.60	10	9,172.24	10	8,590.10	10	7,953.12	10	7,275.55	10	6,569.10	10	5,843.90
1/4	1/4	1/4	10,334.49	1/4	10,083.21	1/4	9,671.91	1/4	9,160.80	1/4	8,577.35	1/4	7,939.39	1/4	7,261.07	1/4	6,554.16	1/4	5,828.68
1/2	1/2	1/2	10,332.01	1/2	10,076.04	1/2	9,662.23	1/2	9,149.36	1/2	8,564.60	1/2	7,925.65	1/2	7,246.60	1/2	6,539.21	1/2	5,813.46
3/4	3/4	3/4	10,329.53	3/4	10,068.86	3/4	9,652.54	3/4	9,137.92	3/4	8,551.85	3/4	7,911.92	3/4	7,232.12	3/4	6,524.27	3/4	5,798.24
11		11	10,327.05	11	10,061.69	11	9,642.86	11	9,126.48	11	8,539.10	11	7,898.19	11	7,217.64	11	6,509.33	11	5,783.02
1/4	1/4	1/4	10,323.84	1/4	10,054.02	1/4	9,632.83	1/4	9,114.79	1/4	8,526.14	1/4	7,884.32	1/4	7,203.10	1/4	6,494.30	1/4	5,767.77
1/2	1/2	1/2	10,320.63	1/2	10,046.35	1/2	9,622.80	1/2	9,103.10	1/2	8,513.19	1/2	7,870.45	1/2	7,188.55	1/2	6,479.26	1/2	5,752.52
3/4	3/4	3/4	10,317.42	3/4	10,038.67	3/4	9,612.77	3/4	9,091.40	3/4	8,500.24	3/4	7,856.58	3/4	7,174.00	3/4	6,464.23	3/4	5,737.27

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ALLOWS FOR OPERATING TEMPERATURE OF -27 DEGREES F...
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED NEAR CENTER OF TANK.

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BARGE "KIRBY 20851"

PORT ULLAGE TABLE HORIZONTAL

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

FORMERLY "B 2400"

GAUGE HEIGHT 23'-09"

14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.		23 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	5,722.02	0	4,988.12	0	4,256.14	0	3,536.21	0	2,838.12	0	2,172.71	0	1,552.36	0	992.05	0	512.45	0	146.48		
1/4	5,706.78	1/4	4,972.83	1/4	4,240.99	1/4	3,521.41	1/4	2,823.89	1/4	2,159.26	1/4	1,540.00	1/4	981.13	1/4	503.49	1/4	140.61		
1/2	5,691.54	1/2	4,957.54	1/2	4,225.85	1/2	3,506.61	1/2	2,809.65	1/2	2,145.80	1/2	1,527.64	1/2	970.21	1/2	494.54	1/2	134.75		
3/4	5,676.29	3/4	4,942.24	3/4	4,210.70	3/4	3,491.80	3/4	2,795.42	3/4	2,132.34	3/4	1,515.29	3/4	959.30	3/4	485.58	3/4	128.89		
1	5,661.05	1	4,926.95	1	4,195.55	1	3,477.00	1	2,781.19	1	2,118.88	1	1,502.93	1	948.38	1	476.62	1	123.02		
1/4	5,645.77	1/4	4,911.64	1/4	4,180.44	1/4	3,462.27	1/4	2,767.07	1/4	2,105.61	1/4	1,490.77	1/4	937.75	1/4	468.05	1/4	117.51		
1/2	5,630.50	1/2	4,896.32	1/2	4,165.33	1/2	3,447.54	1/2	2,752.94	1/2	2,092.33	1/2	1,478.62	1/2	927.12	1/2	459.48	1/2	112.00		
3/4	5,615.23	3/4	4,881.01	3/4	4,150.23	3/4	3,432.80	3/4	2,738.82	3/4	2,079.06	3/4	1,466.46	3/4	916.49	3/4	450.90	3/4	106.49		
2	5,599.95	2	4,865.69	2	4,135.12	2	3,418.07	2	2,724.69	2	2,065.79	2	1,454.31	2	905.86	2	442.33	2	100.98		
1/4	5,584.68	1/4	4,850.38	1/4	4,120.01	1/4	3,403.35	1/4	2,710.57	1/4	2,052.51	1/4	1,442.15	1/4	895.23	1/4	433.77	1/4	95.83		
1/2	5,569.42	1/2	4,835.06	1/2	4,104.90	1/2	3,388.62	1/2	2,696.45	1/2	2,039.24	1/2	1,429.99	1/2	884.60	1/2	425.20	1/2	90.69		
3/4	5,554.15	3/4	4,819.74	3/4	4,089.80	3/4	3,373.89	3/4	2,682.33	3/4	2,025.96	3/4	1,417.83	3/4	873.96	3/4	416.64	3/4	85.55		
3	5,538.88	3	4,804.43	3	4,074.69	3	3,359.17	3	2,668.21	3	2,012.69	3	1,405.67	3	863.33	3	408.07	3	80.40		
1/4	5,523.57	1/4	4,789.15	1/4	4,059.63	1/4	3,344.52	1/4	2,654.20	1/4	1,999.58	1/4	1,393.75	1/4	853.00	1/4	399.93	1/4	75.67		
1/2	5,508.25	1/2	4,773.88	1/2	4,044.57	1/2	3,329.88	1/2	2,640.18	1/2	1,986.48	1/2	1,381.83	1/2	842.67	1/2	391.80	1/2	70.93		
3/4	5,492.93	3/4	4,758.61	3/4	4,029.51	3/4	3,315.24	3/4	2,626.16	3/4	1,973.37	3/4	1,369.92	3/4	832.33	3/4	383.66	3/4	66.19		
4	5,477.62	4	4,743.33	4	4,014.45	4	3,300.60	4	2,612.14	4	1,960.26	4	1,358.00	4	822.00	4	375.52	4	61.45		
1/4	5,462.30	1/4	4,728.07	1/4	3,999.39	1/4	3,285.96	1/4	2,598.12	1/4	1,947.15	1/4	1,346.08	1/4	811.67	1/4	367.39	1/4	57.15		
1/2	5,446.98	1/2	4,712.80	1/2	3,984.33	1/2	3,271.32	1/2	2,584.10	1/2	1,934.05	1/2	1,334.15	1/2	801.33	1/2	359.26	1/2	52.86		
3/4	5,431.65	3/4	4,697.53	3/4	3,969.27	3/4	3,256.68	3/4	2,570.07	3/4	1,920.94	3/4	1,322.23	3/4	791.00	3/4	351.13	3/4	48.56		
5	5,416.33	5	4,682.26	5	3,954.21	5	3,242.05	5	2,556.05	5	1,907.83	5	1,310.31	5	780.67	5	343.00	5	44.26		
1/4	5,401.04	1/4	4,667.01	1/4	3,939.18	1/4	3,227.50	1/4	2,542.18	1/4	1,894.88	1/4	1,298.63	1/4	770.64	1/4	335.33	1/4	40.46		
1/2	5,385.75	1/2	4,651.76	1/2	3,924.16	1/2	3,212.95	1/2	2,528.31	1/2	1,881.92	1/2	1,286.94	1/2	760.61	1/2	327.65	1/2	36.67		
3/4	5,370.46	3/4	4,636.51	3/4	3,909.13	3/4	3,198.40	3/4	2,514.44	3/4	1,868.96	3/4	1,275.26	3/4	750.58	3/4	319.98	3/4	32.87		
6	5,355.17	6	4,621.26	6	3,894.10	6	3,183.86	6	2,500.57	6	1,856.00	6	1,263.57	6	740.55	6	312.31	6	29.07		
1/4	5,339.87	1/4	4,606.01	1/4	3,879.07	1/4	3,169.31	1/4	2,486.70	1/4	1,843.05	1/4	1,251.89	1/4	730.52	1/4	304.64	1/4	25.86		
1/2	5,324.57	1/2	4,590.76	1/2	3,864.04	1/2	3,154.76	1/2	2,472.83	1/2	1,830.10	1/2	1,240.20	1/2	720.49	1/2	296.96	1/2	22.65		
3/4	5,309.27	3/4	4,575.51	3/4	3,849.01	3/4	3,140.21	3/4	2,458.96	3/4	1,817.14	3/4	1,228.52	3/4	710.46	3/4	289.29	3/4	19.45		
7	5,293.98	7	4,560.26	7	3,833.98	7	3,125.67	7	2,445.10	7	1,804.19	7	1,216.83	7	700.43	7	281.62	7	16.24		
1/4	5,278.69	1/4	4,545.04	1/4	3,819.04	1/4	3,111.19	1/4	2,431.36	1/4	1,791.44	1/4	1,205.39	1/4	690.74	1/4	274.44	1/4	13.76		
1/2	5,263.39	1/2	4,529.82	1/2	3,804.10	1/2	3,096.71	1/2	2,417.63	1/2	1,778.69	1/2	1,193.95	1/2	681.06	1/2	267.26	1/2	11.27		
3/4	5,248.10	3/4	4,514.60	3/4	3,789.15	3/4	3,082.24	3/4	2,403.90	3/4	1,765.94	3/4	1,182.51	3/4	671.38	3/4	260.08	3/4	8.79		
8	5,232.81	8	4,499.38	8	3,774.21	8	3,067.76	8	2,390.17	8	1,753.19	8	1,171.07	8	661.69	8	252.90	8	6.31		
1/4	5,217.52	1/4	4,484.16	1/4	3,759.27	1/4	3,053.28	1/4	2,376.44	1/4	1,740.45	1/4	1,159.63	1/4	652.01	1/4	245.73	1/4	4.95		
1/2	5,202.23	1/2	4,468.94	1/2	3,744.32	1/2	3,038.80	1/2	2,362.71	1/2	1,727.70	1/2	1,148.19	1/2	642.32	1/2	238.56	1/2	3.58		
3/4	5,186.93	3/4	4,453.72	3/4	3,729.38	3/4	3,024.32	3/4	2,348.99	3/4	1,714.96	3/4	1,136.75	3/4	632.64	3/4	231.39	3/4	2.22		
9	5,171.64	9	4,438.50	9	3,714.43	9	3,009.83	9	2,335.26	9	1,702.21	9	1,125.31	9	622.95	9	224.21	9	0.86		
1/4	5,156.35	1/4	4,423.28	1/4	3,699.55	1/4	2,995.49	1/4	2,321.67	1/4	1,689.65	1/4	1,114.11	1/4	613.62	1/4	217.44	1/4			
1/2	5,141.06	1/2	4,408.06	1/2	3,684.68	1/2	2,981.14	1/2	2,308.08	1/2	1,677.10	1/2	1,102.90	1/2	604.29	1/2	210.67	1/2			
3/4	5,125.77	3/4	4,392.84	3/4	3,669.80	3/4	2,966.80	3/4	2,294.49	3/4	1,664.54	3/4	1,091.70	3/4	594.95	3/4	203.89	3/4			
10	5,110.48	10	4,377.62	10	3,654.93	10	2,952.45	10	2,280.90	10	1,651.98	10	1,080.50	10	585.62	10	197.12	10			
1/4	5,095.18	1/4	4,362.40	1/4	3,640.05	1/4	2,938.11	1/4	2,267.32	1/4	1,639.42	1/4	1,069.30	1/4	576.29	1/4	190.63	1/4			
1/2	5,079.89	1/2	4,347.18	1/2	3,625.18	1/2	2,923.76	1/2	2,253.74	1/2	1,626.87	1/2	1,058.11	1/2	566.95	1/2	184.14	1/2			
3/4	5,064.60	3/4	4,331.96	3/4	3,610.30	3/4	2,909.42	3/4	2,240.15	3/4	1,614.32	3/4	1,046.91	3/4	557.62	3/4	177.65	3/4			
11	5,049.31	11	4,316.74	11	3,595.43	11	2,895.07	11	2,226.57	11	1,601.76	11	1,035.71	11	548.29	11	171.17	11			
1/4	5,034.01	1/4	4,301.59	1/4	3,580.63	1/4	2,880.83	1/4	2,213.11	1/4	1,589.41	1/4	1,024.80	1/4	539.33	1/4	164.99	1/4			
1/2	5,018.71	1/2	4,286.44	1/2	3,565.82	1/2	2,866.60	1/2	2,199.64	1/2	1,577.06	1/2	1,013.88	1/2	530.37	1/2	158.82	1/2			
3/4	5,003.42	3/4	4,271.29	3/4	3,551.02	3/4	2,852.36	3/4	2,186.18	3/4	1,564.71	3/4	1,002.96	3/4	521.41	3/4	152.65	3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/1997 SI
DECK MEASUREMENTS: 05/29/2008 SW
REPRINTED: 05/30/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 20851"

STBD

ULLAGE TABLE

HORIZONTAL

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

FORMERLY "B 2400"

GAUGE HEIGHT 23'-08 1/2"

4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.					
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	10,306.29	0	10,015.32	0	9,582.37	0	9,056.05	0	8,461.10	0	7,814.74	0	7,130.13	0	6,418.92				
1/4	1/4	1/4	1/4	1/4	10,302.49	1/4	10,007.64	1/4	9,572.34	1/4	9,044.37	1/4	8,448.14	1/4	7,800.87	1/4	7,115.58	1/4	6,403.89				
1/2	1/2	1/2	1/2	1/2	10,298.69	1/2	9,999.96	1/2	9,562.31	1/2	9,032.69	1/2	8,435.18	1/2	7,787.01	1/2	7,101.03	1/2	6,388.87				
3/4	3/4	3/4	3/4	3/4	10,294.39	3/4	9,991.83	3/4	9,551.98	3/4	9,020.77	3/4	8,422.08	3/4	7,772.99	3/4	7,077.99	3/4	6,373.81				
1		1		1	10,290.10	1	9,983.70	1	9,541.65	1	9,008.85	1	8,408.98	1	7,758.96	1	7,071.75	1	6,358.75				
1/4	1/4	1/4	1/4	1/4	10,285.80	1/4	9,975.57	1/4	9,531.31	1/4	8,996.94	1/4	8,395.88	1/4	7,744.94	1/4	7,057.11	1/4	6,343.69				
1/2	1/2	1/2	1/2	1/2	10,281.50	1/2	9,967.44	1/2	9,520.98	1/2	8,985.02	1/2	8,382.78	1/2	7,730.92	1/2	7,042.46	1/2	6,328.63				
3/4	3/4	3/4	3/4	3/4	10,276.77	3/4	9,959.30	3/4	9,510.65	3/4	8,973.10	3/4	8,369.67	3/4	7,716.89	3/4	7,027.83	3/4	6,313.57				
2		2		2	10,272.04	2	9,951.17	2	9,500.32	2	8,961.18	2	8,356.56	2	7,702.87	2	7,013.19	2	6,298.51				
1/4	1/4	1/4	1/4	1/4	10,267.31	1/4	9,943.03	1/4	9,490.00	1/4	8,949.25	1/4	8,343.46	1/4	7,688.85	1/4	6,998.55	1/4	6,283.45				
1/2	1/2	1/2	1/2	1/2	10,262.57	1/2	9,934.89	1/2	9,479.67	1/2	8,937.33	1/2	8,330.35	1/2	7,674.82	1/2	6,983.92	1/2	6,268.39				
3/4	3/4	3/4	3/4	3/4	10,257.43	3/4	9,926.33	3/4	9,469.03	3/4	8,925.18	3/4	8,317.07	3/4	7,660.71	3/4	6,969.19	3/4	6,253.29				
3		3		3	10,252.28	3	9,917.76	3	9,458.40	3	8,913.02	3	8,303.79	3	7,646.59	3	6,954.45	3	6,238.18				
1/4	1/4	1/4	1/4	1/4	10,247.13	1/4	9,909.20	1/4	9,447.76	1/4	8,900.87	1/4	8,290.51	1/4	7,632.47	1/4	6,939.72	1/4	6,223.07				
1/2	1/2	1/2	1/2	1/2	10,241.98	1/2	9,900.63	1/2	9,437.12	1/2	8,888.71	1/2	8,277.23	1/2	7,618.35	1/2	6,924.99	1/2	6,207.97				
3/4	3/4	3/4	3/4	3/4	10,236.47	3/4	9,892.07	3/4	9,426.49	3/4	8,876.55	3/4	8,263.96	3/4	7,604.23	3/4	6,910.27	3/4	6,192.86				
4		4		4	10,230.97	4	9,883.50	4	9,415.86	4	8,864.39	4	8,250.69	4	7,590.11	4	6,895.54	4	6,177.75				
1/4	1/4	1/4	1/4	1/4	10,225.46	1/4	9,874.94	1/4	9,405.23	1/4	8,852.23	1/4	8,237.41	1/4	7,575.99	1/4	6,880.81	1/4	6,162.65				
1/2	1/2	1/2	1/2	1/2	10,219.96	1/2	9,866.37	1/2	9,394.60	1/2	8,840.07	1/2	8,224.14	1/2	7,561.88	1/2	6,866.09	1/2	6,147.54				
3/4	3/4	3/4	3/4	3/4	10,214.09	3/4	9,857.41	3/4	9,383.69	3/4	8,827.72	3/4	8,210.68	3/4	7,547.64	3/4	6,851.29	3/4	6,132.39				
5		5		5	10,208.23	5	9,848.44	5	9,372.77	5	8,815.37	5	8,197.22	5	7,533.40	5	6,836.48	5	6,117.24				
1/4	1/4	1/4	1/4	1/4	10,202.37	1/4	9,839.48	1/4	9,361.85	1/4	8,803.02	1/4	8,183.77	1/4	7,519.16	1/4	6,821.68	1/4	6,102.10				
1/2	1/2	1/2	1/2	1/2	10,196.50	1/2	9,830.52	1/2	9,350.94	1/2	8,790.67	1/2	8,170.31	1/2	7,504.92	1/2	6,806.88	1/2	6,086.95				
3/4	3/4	3/4	3/4	3/4	10,190.33	3/4	9,821.56	3/4	9,340.02	3/4	8,778.31	3/4	8,156.85	3/4	7,490.69	3/4	6,792.07	3/4	6,071.80				
6		6		6	10,184.15	6	9,812.60	6	9,329.10	6	8,765.96	6	8,143.39	6	7,476.45	6	6,777.26	6	6,056.65				
1/4	1/4	1/4	1/4	1/4	10,177.97	1/4	9,803.64	1/4	9,318.19	1/4	8,753.60	1/4	8,129.93	1/4	7,462.21	1/4	6,762.45	1/4	6,041.50				
1/2	1/2	1/2	1/2	1/2	10,171.79	1/2	9,794.68	1/2	9,307.27	1/2	8,741.24	1/2	8,116.48	1/2	7,447.97	1/2	6,747.64	1/2	6,026.35				
3/4	3/4	3/4	3/4	3/4	10,165.30	3/4	9,785.35	3/4	9,296.08	3/4	8,728.69	3/4	8,102.89	3/4	7,433.63	3/4	6,732.77	3/4	6,011.13				
7		7		7	10,158.82	7	9,776.02	7	9,284.88	7	8,716.14	7	8,089.30	7	7,419.28	7	6,717.89	7	5,995.91				
1/4	1/4	1/4	1/4	1/4	10,152.33	1/4	9,766.69	1/4	9,273.68	1/4	8,703.58	1/4	8,075.71	1/4	7,404.94	1/4	6,703.02	1/4	5,980.69				
1/2	1/2	1/2	1/2	1/2	10,145.84	1/2	9,757.35	1/2	9,262.49	1/2	8,691.03	1/2	8,062.12	1/2	7,390.60	1/2	6,688.14	1/2	5,965.47				
3/4	3/4	3/4	3/4	3/4	10,139.07	3/4	9,748.02	3/4	9,251.29	3/4	8,678.47	3/4	8,048.53	3/4	7,376.25	3/4	6,673.27	3/4	5,950.26				
8		8		8	10,132.29	8	9,738.69	8	9,240.10	8	8,665.91	8	8,034.93	8	7,361.91	8	6,658.39	8	5,935.05				
1/4	1/4	1/4	1/4	1/4	10,125.52	1/4	9,729.35	1/4	9,228.90	1/4	8,653.35	1/4	8,021.34	1/4	7,347.56	1/4	6,643.52	1/4	5,919.83				
1/2	1/2	10,342.12	1/2	10,118.75	1/2	9,720.02	1/2	9,217.70	1/2	8,640.79	1/2	8,007.74	1/2	7,333.22	1/2	6,628.64	1/2	5,904.62					
3/4	3/4	10,340.75	3/4	10,111.57	3/4	9,710.34	3/4	9,206.26	3/4	8,628.05	3/4	7,994.02	3/4	7,318.74	3/4	6,613.70	3/4	5,889.39					
9		9		9	10,104.40	9	9,700.65	9	9,194.82	9	8,615.31	9	7,980.30	9	7,304.26	9	6,598.76	9	5,874.17				
1/4	1/4	10,338.01	1/4	10,097.23	1/4	9,690.97	1/4	9,183.38	1/4	8,602.56	1/4	7,966.58	1/4	7,289.79	1/4	6,583.82	1/4	5,858.94					
1/2	1/2	10,336.64	1/2	10,090.06	1/2	9,681.28	1/2	9,171.94	1/2	8,589.82	1/2	7,952.86	1/2	7,275.31	1/2	6,568.88	1/2	5,843.72					
3/4	3/4	10,334.16	3/4	10,082.88	3/4	9,671.60	3/4	9,160.50	3/4	8,577.07	3/4	7,939.13	3/4	7,260.84	3/4	6,553.94	3/4	5,828.50					
10		10		10	10,075.71	10	9,661.91	10	9,149.06	10	8,564.32	10	7,925.40	10	7,246.36	10	6,539.00	10	5,813.28				
1/4	1/4	10,329.20	1/4	10,068.54	1/4	9,652.23	1/4	9,137.62	1/4	8,551.57	1/4	7,911.67	1/4	7,231.89	1/4	6,524.06	1/4	5,798.06					
1/2	1/2	10,326.71	1/2	10,061.37	1/2	9,642.55	1/2	9,126.18	1/2	8,538.82	1/2	7,897.94	1/2	7,217.41	1/2	6,509.12	1/2	5,782.84					
3/4	3/4	10,323.51	3/4	10,053.69	3/4	9,632.52	3/4	9,114.49	3/4	8,525.87	3/4	7,884.07	3/4	7,202.86	3/4	6,494.09	3/4	5,767.59					
11		11		11	10,046.02	11	9,622.49	11	9,102.80	11	8,512.92	11	7,870.20	11	7,188.32	11	6,479.05	11	5,752.34				
1/4	1/4	10,317.09	1/4	10,038.35	1/4	9,612.46	1/4	9,091.11	1/4	8,499.96	1/4	7,856.33	1/4	7,173.77	1/4	6,464.02	1/4	5,737.09					
1/2	1/2	10,313.88	1/2	10,030.68	1/2	9,602.43	1/2	9,079.42	1/2	8,487.01	1/2	7,842.46	1/2	7,159.22	1/2	6,448.98	1/2	5,721.84					
3/4	3/4	10,310.08	3/4	10,023.00	3/4	9,592.40	3/4	9,067.74	3/4	8,474.05	3/4	7,828.60	3/4	7,144.67	3/4	6,433.95	3/4	5,706.60					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ALLOWS FOR OPERATING TEMPERATURE OF -27 DEGREES F...
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 20851"

STBD ULLAGE TABLE HORIZONTAL

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

FORMERLY "B 2400"

GAUGE HEIGHT 23'-08 1/2"

14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.		23 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	5,691.35	0	4,957.38	0	4,225.71	0	3,506.49	0	2,809.56	0	2,145.73	0	1,527.59	0	970.18	0	494.52	0	134.75
1/4	5,676.11	1/4	4,942.09	1/4	4,210.56	1/4	3,491.69	1/4	2,795.33	1/4	2,132.27	1/4	1,515.24	1/4	959.27	1/4	485.56	1/4	128.88
1/2	5,660.87	1/2	4,926.79	1/2	4,195.41	1/2	3,476.89	1/2	2,781.10	1/2	2,118.81	1/2	1,502.88	1/2	948.35	1/2	476.60	1/2	123.02
3/4	5,645.59	3/4	4,911.48	3/4	4,180.31	3/4	3,462.16	3/4	2,766.98	3/4	2,105.54	3/4	1,490.73	3/4	937.72	3/4	468.03	3/4	117.51
1	5,630.32	1	4,896.16	1	4,165.20	1	3,447.42	1	2,752.85	1	2,092.27	1	1,478.57	1	927.09	1	459.46	1	112.00
1/4	5,615.05	1/4	4,880.85	1/4	4,150.09	1/4	3,432.69	1/4	2,738.73	1/4	2,078.99	1/4	1,466.42	1/4	916.46	1/4	450.89	1/4	106.48
1/2	5,599.77	1/2	4,865.53	1/2	4,134.99	1/2	3,417.96	1/2	2,724.60	1/2	2,065.72	1/2	1,454.26	1/2	905.83	1/2	442.32	1/2	100.97
3/4	5,584.50	3/4	4,850.22	3/4	4,119.88	3/4	3,403.24	3/4	2,710.48	3/4	2,052.45	3/4	1,442.10	3/4	895.20	3/4	433.75	3/4	95.83
2	5,569.24	2	4,834.90	2	4,104.77	2	3,388.51	2	2,696.37	2	2,039.17	2	1,429.94	2	884.57	2	425.19	2	90.69
1/4	5,553.97	1/4	4,819.59	1/4	4,089.67	1/4	3,373.78	1/4	2,682.25	1/4	2,025.90	1/4	1,417.78	1/4	873.94	1/4	416.62	1/4	85.55
1/2	5,538.70	1/2	4,804.27	1/2	4,074.56	1/2	3,359.06	1/2	2,668.13	1/2	2,012.63	1/2	1,405.62	1/2	863.31	1/2	408.06	1/2	80.40
3/4	5,523.39	3/4	4,789.00	3/4	4,059.50	3/4	3,344.42	3/4	2,654.11	3/4	1,999.52	3/4	1,393.71	3/4	852.97	3/4	399.92	3/4	75.66
3	5,508.07	3	4,773.73	3	4,044.44	3	3,329.77	3	2,640.09	3	1,986.41	3	1,381.79	3	842.64	3	391.79	3	70.93
1/4	5,492.76	1/4	4,758.45	1/4	4,029.38	1/4	3,315.13	1/4	2,626.08	1/4	1,973.31	1/4	1,369.87	1/4	832.31	1/4	383.65	1/4	66.19
1/2	5,477.44	1/2	4,743.18	1/2	4,014.32	1/2	3,300.49	1/2	2,612.06	1/2	1,960.20	1/2	1,357.96	1/2	821.97	1/2	375.51	1/2	61.45
3/4	5,462.12	3/4	4,727.91	3/4	3,999.26	3/4	3,285.85	3/4	2,598.04	3/4	1,947.09	3/4	1,346.03	3/4	811.64	3/4	367.38	3/4	57.15
4	5,446.80	4	4,712.65	4	3,984.21	4	3,271.22	4	2,584.01	4	1,933.99	4	1,334.11	4	801.31	4	359.25	4	52.86
1/4	5,431.48	1/4	4,697.38	1/4	3,969.15	1/4	3,256.58	1/4	2,569.99	1/4	1,920.88	1/4	1,322.19	1/4	790.97	1/4	351.12	1/4	48.56
1/2	5,416.16	1/2	4,682.11	1/2	3,954.09	1/2	3,241.94	1/2	2,555.97	1/2	1,907.77	1/2	1,310.27	1/2	780.64	1/2	342.99	1/2	44.26
3/4	5,400.87	3/4	4,666.86	3/4	3,939.06	3/4	3,227.40	3/4	2,542.10	3/4	1,894.81	3/4	1,298.58	3/4	770.61	3/4	335.32	3/4	40.46
5	5,385.58	5	4,651.61	5	3,924.03	5	3,212.85	5	2,528.23	5	1,881.86	5	1,286.90	5	760.58	5	327.64	5	36.67
1/4	5,370.29	1/4	4,636.36	1/4	3,909.00	1/4	3,198.30	1/4	2,514.36	1/4	1,868.90	1/4	1,275.21	1/4	750.55	1/4	319.97	1/4	32.87
1/2	5,354.99	1/2	4,621.11	1/2	3,893.97	1/2	3,183.75	1/2	2,500.49	1/2	1,855.94	1/2	1,263.53	1/2	740.52	1/2	312.30	1/2	29.07
3/4	5,339.70	3/4	4,605.86	3/4	3,878.94	3/4	3,169.21	3/4	2,486.62	3/4	1,842.99	3/4	1,251.85	3/4	730.49	3/4	304.63	3/4	25.86
6	5,324.40	6	4,590.61	6	3,863.91	6	3,154.66	6	2,472.75	6	1,830.04	6	1,240.16	6	720.46	6	296.95	6	22.65
1/4	5,309.10	1/4	4,575.36	1/4	3,848.88	1/4	3,140.11	1/4	2,458.88	1/4	1,817.08	1/4	1,228.48	1/4	710.44	1/4	289.28	1/4	19.45
1/2	5,293.81	1/2	4,560.11	1/2	3,833.85	1/2	3,125.57	1/2	2,445.02	1/2	1,804.13	1/2	1,216.79	1/2	700.41	1/2	281.61	1/2	16.24
3/4	5,278.51	3/4	4,544.89	3/4	3,818.91	3/4	3,111.09	3/4	2,431.28	3/4	1,791.38	3/4	1,205.35	3/4	690.72	3/4	274.43	3/4	13.76
7	5,263.22	7	4,529.67	7	3,803.97	7	3,096.61	7	2,417.55	7	1,778.63	7	1,193.91	7	681.04	7	267.25	7	11.27
1/4	5,247.93	1/4	4,514.46	1/4	3,789.03	1/4	3,082.14	1/4	2,403.82	1/4	1,765.88	1/4	1,182.47	1/4	671.35	1/4	260.08	1/4	8.79
1/2	5,232.64	1/2	4,499.24	1/2	3,774.09	1/2	3,067.66	1/2	2,390.09	1/2	1,753.13	1/2	1,171.03	1/2	661.67	1/2	252.90	1/2	6.31
3/4	5,217.35	3/4	4,484.02	3/4	3,759.15	3/4	3,053.18	3/4	2,376.36	3/4	1,740.39	3/4	1,159.59	3/4	651.98	3/4	245.72	3/4	4.95
8	5,202.06	8	4,468.80	8	3,744.20	8	3,038.70	8	2,362.64	8	1,727.65	8	1,148.15	8	642.30	8	238.55	8	3.58
1/4	5,186.77	1/4	4,453.58	1/4	3,729.25	1/4	3,024.22	1/4	2,348.91	1/4	1,714.90	1/4	1,136.71	1/4	632.62	1/4	231.38	1/4	2.22
1/2	5,171.48	1/2	4,438.36	1/2	3,714.31	1/2	3,009.74	1/2	2,335.19	1/2	1,702.16	1/2	1,125.27	1/2	622.93	1/2	224.21	1/2	0.86
3/4	5,156.19	3/4	4,423.14	3/4	3,699.43	3/4	2,995.39	3/4	2,321.60	3/4	1,689.60	3/4	1,114.07	3/4	613.60	3/4	217.43	3/4	
9	5,140.89	9	4,407.92	9	3,684.56	9	2,981.05	9	2,308.01	9	1,677.04	9	1,102.87	9	604.27	9	210.66	9	
1/4	5,125.60	1/4	4,392.70	1/4	3,669.69	1/4	2,966.70	1/4	2,294.42	1/4	1,664.48	1/4	1,091.67	1/4	594.93	1/4	203.89	1/4	
1/2	5,110.31	1/2	4,377.48	1/2	3,654.81	1/2	2,952.36	1/2	2,280.83	1/2	1,651.92	1/2	1,080.47	1/2	585.60	1/2	197.11	1/2	
3/4	5,095.02	3/4	4,362.26	3/4	3,639.94	3/4	2,938.01	3/4	2,267.25	3/4	1,639.37	3/4	1,069.27	3/4	576.27	3/4	190.62	3/4	
10	5,079.73	10	4,347.04	10	3,625.06	10	2,923.67	10	2,253.67	10	1,626.82	10	1,058.07	10	566.93	10	184.14	10	
1/4	5,064.44	1/4	4,331.82	1/4	3,610.19	1/4	2,909.32	1/4	2,240.08	1/4	1,614.26	1/4	1,046.88	1/4	557.60	1/4	177.65	1/4	
1/2	5,049.15	1/2	4,316.60	1/2	3,595.31	1/2	2,894.98	1/2	2,226.50	1/2	1,601.71	1/2	1,035.68	1/2	548.27	1/2	171.16	1/2	
3/4	5,033.85	3/4	4,301.45	3/4	3,580.51	3/4	2,880.74	3/4	2,213.04	3/4	1,589.36	3/4	1,024.76	3/4	539.31	3/4	164.99	3/4	
11	5,018.55	11	4,286.30	11	3,565.71	11	2,866.50	11	2,199.57	11	1,577.01	11	1,013.85	11	530.35	11	158.82	11	
1/4	5,003.26	1/4	4,271.15	1/4	3,550.90	1/4	2,852.27	1/4	2,186.11	1/4	1,564.66	1/4	1,002.93	1/4	521.39	1/4	152.64	1/4	
1/2	4,987.96	1/2	4,256.01	1/2	3,536.10	1/2	2,838.03	1/2	2,172.64	1/2	1,552.31	1/2	992.02	1/2	512.44	1/2	146.47	1/2	
3/4	4,972.67	3/4	4,240.86	3/4	3,521.30	3/4	2,823.80	3/4	2,159.19	3/4	1,539.95	3/4	981.10	3/4	503.48	3/4	140.61	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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DECK MEASUREMENTS: 05/29/2008 SW
REPRINTED: 05/30/2008 CL

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