



BARGE "KIRBY 17800"

K-7022-1 HORIZONTAL ULLAGE

FORMERLY "DC 515"

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

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	5,768.83	0	5,599.86	0	5,297.38	0	4,917.69	0	4,484.64	0	4,014.38	0	3,519.81	0	3,012.14	0	2,501.88	0	1,999.40
1/4	5,767.81	1/4	5,594.51	1/4	5,290.11	1/4	4,909.12	1/4	4,475.15	1/4	4,004.27	1/4	3,509.32	1/4	3,001.50	1/4	2,491.30	1/4	1,989.11
1/2	5,766.79	1/2	5,589.17	1/2	5,282.83	1/2	4,900.55	1/2	4,465.67	1/2	3,994.17	1/2	3,498.83	1/2	2,990.86	1/2	2,480.73	1/2	1,978.82
3/4	5,765.76	3/4	5,583.82	3/4	5,275.56	3/4	4,891.98	3/4	4,456.18	3/4	3,984.06	3/4	3,488.35	3/4	2,980.21	3/4	2,470.15	3/4	1,968.53
1	5,764.74	1	5,578.48	1	5,268.29	1	4,883.40	1	4,446.69	1	3,973.95	1	3,477.86	1	2,969.57	1	2,459.57	1	1,958.24
1/4	5,762.87	1/4	5,572.93	1/4	5,260.88	1/4	4,874.74	1/4	4,437.14	1/4	3,963.80	1/4	3,467.35	1/4	2,958.93	1/4	2,449.01	1/4	1,947.97
1/2	5,761.00	1/2	5,567.39	1/2	5,253.48	1/2	4,866.07	1/2	4,427.58	1/2	3,953.64	1/2	3,456.83	1/2	2,948.29	1/2	2,438.44	1/2	1,937.70
3/4	5,759.13	3/4	5,561.85	3/4	5,246.07	3/4	4,857.40	3/4	4,418.03	3/4	3,943.49	3/4	3,446.32	3/4	2,937.64	3/4	2,427.88	3/4	1,927.43
2	5,757.26	2	5,556.31	2	5,238.67	2	4,848.74	2	4,408.48	2	3,933.33	2	3,435.81	2	2,927.00	2	2,417.31	2	1,917.17
1/4	5,754.85	1/4	5,550.58	1/4	5,231.14	1/4	4,839.98	1/4	4,398.86	1/4	3,923.14	1/4	3,425.28	1/4	2,916.35	1/4	2,406.76	1/4	1,906.94
1/2	5,752.43	1/2	5,544.85	1/2	5,223.62	1/2	4,831.23	1/2	4,389.25	1/2	3,912.95	1/2	3,414.75	1/2	2,905.70	1/2	2,396.21	1/2	1,896.71
3/4	5,750.01	3/4	5,539.11	3/4	5,216.10	3/4	4,822.47	3/4	4,379.64	3/4	3,902.76	3/4	3,404.22	3/4	2,895.05	3/4	2,385.67	3/4	1,886.49
3	5,747.60	3	5,533.38	3	5,208.57	3	4,813.71	3	4,370.02	3	3,892.57	3	3,393.69	3	2,884.41	3	2,375.12	3	1,876.26
1/4	5,744.73	1/4	5,527.46	1/4	5,200.92	1/4	4,804.88	1/4	4,360.36	1/4	3,882.35	1/4	3,383.14	1/4	2,873.76	1/4	2,364.60	1/4	1,866.07
1/2	5,741.87	1/2	5,521.55	1/2	5,193.27	1/2	4,796.05	1/2	4,350.69	1/2	3,872.12	1/2	3,372.60	1/2	2,863.12	1/2	2,354.07	1/2	1,855.88
3/4	5,739.01	3/4	5,515.63	3/4	5,185.63	3/4	4,787.21	3/4	4,341.02	3/4	3,861.89	3/4	3,362.05	3/4	2,852.48	3/4	2,343.55	3/4	1,845.69
4	5,736.14	4	5,509.71	4	5,177.98	4	4,778.38	4	4,331.36	4	3,851.67	4	3,351.50	4	2,841.83	4	2,333.02	4	1,835.50
1/4	5,732.90	1/4	5,503.63	1/4	5,170.21	1/4	4,769.46	1/4	4,321.63	1/4	3,841.40	1/4	3,340.94	1/4	2,831.19	1/4	2,322.51	1/4	1,825.35
1/2	5,729.65	1/2	5,497.54	1/2	5,162.45	1/2	4,760.55	1/2	4,311.89	1/2	3,831.13	1/2	3,330.38	1/2	2,820.55	1/2	2,312.00	1/2	1,815.19
3/4	5,726.41	3/4	5,491.45	3/4	5,154.69	3/4	4,751.63	3/4	4,302.16	3/4	3,820.86	3/4	3,319.82	3/4	2,809.91	3/4	2,301.49	3/4	1,805.04
5	5,723.17	5	5,485.36	5	5,146.93	5	4,742.71	5	4,292.43	5	3,810.60	5	3,309.26	5	2,799.26	5	2,290.98	5	1,794.88
1/4	5,719.58	1/4	5,479.10	1/4	5,139.05	1/4	4,733.71	1/4	4,282.65	1/4	3,800.30	1/4	3,298.68	1/4	2,788.62	1/4	2,280.49	1/4	1,784.77
1/2	5,716.00	1/2	5,472.85	1/2	5,131.18	1/2	4,724.71	1/2	4,272.87	1/2	3,790.00	1/2	3,288.11	1/2	2,777.98	1/2	2,270.00	1/2	1,774.65
3/4	5,712.42	3/4	5,466.59	3/4	5,123.30	3/4	4,715.71	3/4	4,263.09	3/4	3,779.70	3/4	3,277.53	3/4	2,767.33	3/4	2,259.51	3/4	1,764.54
6	5,708.83	6	5,460.33	6	5,115.43	6	4,706.71	6	4,253.31	6	3,769.40	6	3,266.95	6	2,756.69	6	2,249.02	6	1,754.43
1/4	5,704.94	1/4	5,453.92	1/4	5,107.45	1/4	4,697.64	1/4	4,243.48	1/4	3,759.08	1/4	3,256.36	1/4	2,746.05	1/4	2,238.56	1/4	1,744.36
1/2	5,701.05	1/2	5,447.50	1/2	5,099.46	1/2	4,688.57	1/2	4,233.64	1/2	3,748.75	1/2	3,245.76	1/2	2,735.42	1/2	2,228.10	1/2	1,734.29
3/4	5,697.15	3/4	5,441.08	3/4	5,091.48	3/4	4,679.50	3/4	4,223.81	3/4	3,738.42	3/4	3,235.17	3/4	2,724.78	3/4	2,217.63	3/4	1,724.21
7	5,693.26	7	5,434.67	7	5,083.50	7	4,670.43	7	4,213.98	7	3,728.10	7	3,224.57	7	2,714.14	7	2,207.17	7	1,714.14
1/4	5,689.08	1/4	5,428.09	1/4	5,075.41	1/4	4,661.28	1/4	4,204.09	1/4	3,717.74	1/4	3,213.97	1/4	2,703.51	1/4	2,196.72	1/4	1,704.12
1/2	5,684.90	1/2	5,421.51	1/2	5,067.32	1/2	4,652.13	1/2	4,194.20	1/2	3,707.38	1/2	3,203.37	1/2	2,692.88	1/2	2,186.27	1/2	1,694.10
3/4	5,680.73	3/4	5,414.93	3/4	5,059.23	3/4	4,642.98	3/4	4,184.32	3/4	3,697.02	3/4	3,192.77	3/4	2,682.25	3/4	2,175.83	3/4	1,684.07
8	5,676.55	8	5,408.36	8	5,051.14	8	4,633.83	8	4,174.43	8	3,686.67	8	3,182.17	8	2,671.62	8	2,165.38	8	1,674.05
1/4	5,672.11	1/4	5,401.64	1/4	5,042.95	1/4	4,624.61	1/4	4,164.50	1/4	3,676.27	1/4	3,171.55	1/4	2,660.99	1/4	2,154.96	1/4	1,664.07
1/2	5,667.68	1/2	5,394.92	1/2	5,034.75	1/2	4,615.39	1/2	4,154.57	1/2	3,665.88	1/2	3,160.93	1/2	2,650.37	1/2	2,144.55	1/2	1,654.08
3/4	5,663.24	3/4	5,388.20	3/4	5,026.55	3/4	4,606.17	3/4	4,144.64	3/4	3,655.49	3/4	3,150.31	3/4	2,639.74	3/4	2,134.13	3/4	1,644.10
9	5,658.81	9	5,381.48	9	5,018.36	9	4,596.95	9	4,134.71	9	3,645.10	9	3,139.69	9	2,629.12	9	2,123.71	9	1,634.12
1/4	5,654.13	1/4	5,374.61	1/4	5,010.07	1/4	4,587.66	1/4	4,124.73	1/4	3,634.68	1/4	3,129.07	1/4	2,618.51	1/4	2,113.33	1/4	1,624.18
1/2	5,649.44	1/2	5,367.74	1/2	5,001.77	1/2	4,578.37	1/2	4,114.75	1/2	3,624.26	1/2	3,118.45	1/2	2,607.89	1/2	2,102.94	1/2	1,614.25
3/4	5,644.76	3/4	5,360.87	3/4	4,993.48	3/4	4,569.08	3/4	4,104.77	3/4	3,613.85	3/4	3,107.83	3/4	2,597.28	3/4	2,092.55	3/4	1,604.32
10	5,640.07	10	5,354.00	10	4,985.19	10	4,559.79	10	4,094.79	10	3,603.43	10	3,097.21	10	2,586.67	10	2,082.17	10	1,594.38
1/4	5,635.16	1/4	5,346.99	1/4	4,976.80	1/4	4,550.43	1/4	4,084.76	1/4	3,592.99	1/4	3,086.58	1/4	2,576.07	1/4	2,071.81	1/4	1,584.50
1/2	5,630.24	1/2	5,339.98	1/2	4,968.42	1/2	4,541.07	1/2	4,074.73	1/2	3,582.55	1/2	3,075.95	1/2	2,565.46	1/2	2,061.45	1/2	1,574.62
3/4	5,625.32	3/4	5,332.96	3/4	4,960.03	3/4	4,531.71	3/4	4,064.70	3/4	3,572.11	3/4	3,065.32	3/4	2,554.86	3/4	2,051.10	3/4	1,564.74
11	5,620.40	11	5,325.95	11	4,951.64	11	4,522.36	11	4,054.67	11	3,561.67	11	3,054.69	11	2,544.26	11	2,040.74	11	1,554.86
1/4	5,615.27	1/4	5,318.81	1/4	4,943.15	1/4	4,512.93	1/4	4,044.60	1/4	3,551.20	1/4	3,044.05	1/4	2,533.67	1/4	2,030.40	1/4	1,545.02
1/2	5,610.13	1/2	5,311.67	1/2	4,934.67	1/2	4,503.50	1/2	4,034.52	1/2	3,540.74	1/2	3,033.42	1/2	2,523.07	1/2	2,020.07	1/2	1,535.19
3/4	5,604.99	3/4	5,304.52	3/4	4,926.18	3/4	4,494.07	3/4	4,024.45	3/4	3,530.27	3/4	3,022.78	3/4	2,512.48	3/4	2,009.74	3/4	1,525.36

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API STANDARD 2551.
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 17800"

K-7022-1
HORIZONTAL
ULLAGE

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

FORMERLY "DC 515"

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	1,515.52	0	1,062.10	0	653.40	0	308.50	0	60.00	0		0		0		0		0	
1/4	1,505.74	1/4	1,053.10	1/4	645.53	1/4	302.24	1/4	56.42	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,495.95	1/2	1,044.11	1/2	637.65	1/2	295.99	1/2	52.83	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,486.17	3/4	1,035.11	3/4	629.78	3/4	289.73	3/4	49.25	3/4		3/4	3/4	3/4		3/4		3/4	
1	1,476.38	1	1,026.12	1	621.90	1	283.48	1	45.67	1		1	1	1		1		1	
1/4	1,466.65	1/4	1,017.20	1/4	614.14	1/4	277.39	1/4	42.42	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,456.93	1/2	1,008.29	1/2	606.38	1/2	271.30	1/2	39.17	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,447.20	3/4	999.37	3/4	598.62	3/4	265.21	3/4	35.92	3/4		3/4	3/4	3/4		3/4		3/4	
2	1,437.48	2	990.45	2	590.86	2	259.12	2	32.67	2		2	2	2		2		2	
1/4	1,427.81	1/4	981.61	1/4	583.21	1/4	253.20	1/4	29.81	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,418.14	1/2	972.77	1/2	575.56	1/2	247.29	1/2	26.95	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,408.48	3/4	963.93	3/4	567.91	3/4	241.37	3/4	24.10	3/4		3/4	3/4	3/4		3/4		3/4	
3	1,398.81	3	955.10	3	560.26	3	235.45	3	21.24	3		3	3	3		3		3	
1/4	1,389.20	1/4	946.35	1/4	552.74	1/4	229.72	1/4	18.82	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,379.58	1/2	937.60	1/2	545.21	1/2	223.99	1/2	16.39	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,369.97	3/4	928.85	3/4	537.69	3/4	218.26	3/4	13.97	3/4		3/4	3/4	3/4		3/4		3/4	
4	1,360.36	4	920.10	4	530.17	4	212.52	4	11.55	4		4	4	4		4		4	
1/4	1,350.80	1/4	911.43	1/4	522.76	1/4	206.98	1/4	9.68	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,341.25	1/2	902.76	1/2	515.36	1/2	201.44	1/2	7.82	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,331.70	3/4	894.10	3/4	507.95	3/4	195.90	3/4	5.96	3/4		3/4	3/4	3/4		3/4		3/4	
5	1,322.14	5	885.43	5	500.55	5	190.36	5	4.10	5		5	5	5		5		5	
1/4	1,312.65	1/4	876.85	1/4	493.27	1/4	185.01	1/4	3.07	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,303.17	1/2	868.27	1/2	486.00	1/2	179.67	1/2	2.05	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,293.68	3/4	859.70	3/4	478.73	3/4	174.32	3/4	1.02	3/4		3/4	3/4	3/4		3/4		3/4	
6	1,284.19	6	851.12	6	471.45	6	168.98	6	0.00	6		6	6	6		6		6	
1/4	1,274.76	1/4	842.64	1/4	464.30	1/4	163.84	1/4		1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,265.33	1/2	834.15	1/2	457.15	1/2	158.70	1/2		1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,255.91	3/4	825.67	3/4	450.01	3/4	153.57	3/4		3/4		3/4	3/4	3/4		3/4		3/4	
7	1,246.48	7	817.19	7	442.86	7	148.43	7		7		7	7	7		7		7	
1/4	1,237.12	1/4	808.80	1/4	435.85	1/4	143.51	1/4		1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,227.76	1/2	800.40	1/2	428.85	1/2	138.60	1/2		1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,218.40	3/4	792.01	3/4	421.84	3/4	133.68	3/4		3/4		3/4	3/4	3/4		3/4		3/4	
8	1,209.05	8	783.62	8	414.83	8	128.76	8		8		8	8	8		8		8	
1/4	1,199.76	1/4	775.33	1/4	407.96	1/4	124.08	1/4		1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,190.46	1/2	767.04	1/2	401.10	1/2	119.39	1/2		1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,181.17	3/4	758.74	3/4	394.23	3/4	114.71	3/4		3/4		3/4	3/4	3/4		3/4		3/4	
9	1,171.88	9	750.45	9	387.36	9	110.02	9		9		9	9	9		9		9	
1/4	1,162.66	1/4	742.26	1/4	380.64	1/4	105.58	1/4		1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,153.44	1/2	734.07	1/2	373.92	1/2	101.14	1/2		1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,144.22	3/4	725.88	3/4	367.20	3/4	96.70	3/4		3/4		3/4	3/4	3/4		3/4		3/4	
10	1,135.00	10	717.69	10	360.48	10	92.26	10		10		10	10	10		10		10	
1/4	1,125.85	1/4	709.60	1/4	353.90	1/4	88.09	1/4		1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,116.70	1/2	701.51	1/2	347.32	1/2	83.92	1/2		1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,107.55	3/4	693.42	3/4	340.74	3/4	79.74	3/4		3/4		3/4	3/4	3/4		3/4		3/4	
11	1,098.40	11	685.33	11	334.17	11	75.57	11		11		11	11	11		11		11	
1/4	1,089.33	1/4	677.35	1/4	327.75	1/4	71.68	1/4		1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,080.25	1/2	669.37	1/2	321.33	1/2	67.79	1/2		1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,071.17	3/4	661.39	3/4	314.92	3/4	63.89	3/4		3/4		3/4	3/4	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/1978 SI
REPRINTED: 10/11/2004 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2004

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



BARGE "KIRBY 17800"

K-7022-2
HORIZONTAL
ULLAGE

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

FORMERLY "DC 515"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	5,769.45	0	5,600.48	0	5,297.95	0	4,918.24	0	4,485.14	0	4,014.83	0	3,520.19	0	3,012.48	0	2,502.14	0	1,999.62
1/4	5,768.43	1/4	5,595.13	1/4	5,290.68	1/4	4,909.66	1/4	4,475.65	1/4	4,004.72	1/4	3,509.70	1/4	3,001.83	1/4	2,491.57	1/4	1,989.32
1/2	5,767.42	1/2	5,589.79	1/2	5,283.40	1/2	4,901.08	1/2	4,466.15	1/2	3,994.61	1/2	3,499.21	1/2	2,991.19	1/2	2,480.99	1/2	1,979.02
3/4	5,766.40	3/4	5,584.44	3/4	5,276.13	3/4	4,892.51	3/4	4,456.66	3/4	3,984.49	3/4	3,488.73	3/4	2,980.55	3/4	2,470.41	3/4	1,968.73
1	5,765.38	1	5,579.10	1	5,268.86	1	4,883.93	1	4,447.17	1	3,974.38	1	3,478.24	1	2,969.90	1	2,459.83	1	1,958.43
1/4	5,763.51	1/4	5,573.55	1/4	5,261.45	1/4	4,875.26	1/4	4,437.61	1/4	3,964.23	1/4	3,467.73	1/4	2,959.26	1/4	2,449.27	1/4	1,948.17
1/2	5,761.64	1/2	5,568.00	1/2	5,254.05	1/2	4,866.60	1/2	4,428.06	1/2	3,954.07	1/2	3,457.21	1/2	2,948.61	1/2	2,438.70	1/2	1,937.90
3/4	5,759.77	3/4	5,562.45	3/4	5,246.64	3/4	4,857.93	3/4	4,418.51	3/4	3,943.92	3/4	3,446.70	3/4	2,937.96	3/4	2,428.14	3/4	1,927.64
2	5,757.90	2	5,556.90	2	5,239.24	2	4,849.26	2	4,408.95	2	3,933.76	2	3,436.19	2	2,927.31	2	2,417.57	2	1,917.38
1/4	5,755.49	1/4	5,551.17	1/4	5,231.71	1/4	4,840.51	1/4	4,399.34	1/4	3,923.57	1/4	3,425.66	1/4	2,916.67	1/4	2,407.02	1/4	1,907.15
1/2	5,753.07	1/2	5,545.44	1/2	5,224.18	1/2	4,831.76	1/2	4,389.73	1/2	3,913.38	1/2	3,415.13	1/2	2,906.02	1/2	2,396.48	1/2	1,896.92
3/4	5,750.65	3/4	5,539.71	3/4	5,216.65	3/4	4,823.01	3/4	4,380.11	3/4	3,903.19	3/4	3,404.60	3/4	2,895.38	3/4	2,385.93	3/4	1,886.68
3	5,748.24	3	5,533.98	3	5,209.12	3	4,814.26	3	4,370.50	3	3,893.00	3	3,394.07	3	2,884.74	3	2,375.38	3	1,876.45
1/4	5,745.37	1/4	5,528.06	1/4	5,201.48	1/4	4,805.42	1/4	4,360.83	1/4	3,882.77	1/4	3,383.52	1/4	2,874.09	1/4	2,364.85	1/4	1,866.26
1/2	5,742.51	1/2	5,522.14	1/2	5,193.83	1/2	4,796.58	1/2	4,351.17	1/2	3,872.54	1/2	3,372.98	1/2	2,863.44	1/2	2,354.32	1/2	1,856.07
3/4	5,739.65	3/4	5,516.23	3/4	5,186.19	3/4	4,787.74	3/4	4,341.50	3/4	3,862.30	3/4	3,362.43	3/4	2,852.79	3/4	2,343.79	3/4	1,845.88
4	5,736.79	4	5,510.31	4	5,178.55	4	4,778.90	4	4,331.83	4	3,852.07	4	3,351.88	4	2,842.14	4	2,333.26	4	1,835.69
1/4	5,733.54	1/4	5,504.22	1/4	5,170.79	1/4	4,769.99	1/4	4,322.10	1/4	3,841.81	1/4	3,341.32	1/4	2,831.50	1/4	2,322.75	1/4	1,825.54
1/2	5,730.29	1/2	5,498.13	1/2	5,163.02	1/2	4,761.07	1/2	4,312.37	1/2	3,831.55	1/2	3,330.75	1/2	2,820.86	1/2	2,312.24	1/2	1,815.38
3/4	5,727.04	3/4	5,492.04	3/4	5,155.26	3/4	4,752.15	3/4	4,302.64	3/4	3,821.29	3/4	3,320.18	3/4	2,810.21	3/4	2,301.73	3/4	1,805.23
5	5,723.79	5	5,485.95	5	5,147.50	5	4,743.24	5	4,292.90	5	3,811.02	5	3,309.62	5	2,799.57	5	2,291.21	5	1,795.07
1/4	5,720.20	1/4	5,479.70	1/4	5,139.63	1/4	4,734.24	1/4	4,283.13	1/4	3,800.73	1/4	3,299.04	1/4	2,788.93	1/4	2,280.73	1/4	1,784.96
1/2	5,716.62	1/2	5,473.44	1/2	5,131.75	1/2	4,725.24	1/2	4,273.35	1/2	3,790.43	1/2	3,288.46	1/2	2,778.29	1/2	2,270.24	1/2	1,774.85
3/4	5,713.04	3/4	5,467.18	3/4	5,123.88	3/4	4,716.24	3/4	4,263.57	3/4	3,780.13	3/4	3,277.89	3/4	2,767.64	3/4	2,259.75	3/4	1,764.73
6	5,709.45	6	5,460.93	6	5,116.00	6	4,707.24	6	4,253.79	6	3,769.83	6	3,267.31	6	2,757.00	6	2,249.26	6	1,754.62
1/4	5,705.56	1/4	5,454.51	1/4	5,108.01	1/4	4,698.17	1/4	4,243.95	1/4	3,759.50	1/4	3,256.71	1/4	2,746.36	1/4	2,238.80	1/4	1,744.55
1/2	5,701.67	1/2	5,448.10	1/2	5,100.02	1/2	4,689.10	1/2	4,234.12	1/2	3,749.17	1/2	3,246.12	1/2	2,735.71	1/2	2,228.33	1/2	1,734.48
3/4	5,697.77	3/4	5,441.68	3/4	5,092.04	3/4	4,680.02	3/4	4,224.29	3/4	3,738.83	3/4	3,235.52	3/4	2,725.07	3/4	2,217.87	3/4	1,724.40
7	5,693.88	7	5,435.26	7	5,084.05	7	4,670.95	7	4,214.45	7	3,728.50	7	3,224.93	7	2,714.43	7	2,207.40	7	1,714.33
1/4	5,689.71	1/4	5,428.68	1/4	5,075.96	1/4	4,661.80	1/4	4,204.57	1/4	3,718.14	1/4	3,214.32	1/4	2,703.80	1/4	2,196.96	1/4	1,704.30
1/2	5,685.54	1/2	5,422.11	1/2	5,067.87	1/2	4,652.64	1/2	4,194.68	1/2	3,707.79	1/2	3,203.71	1/2	2,693.17	1/2	2,186.51	1/2	1,694.27
3/4	5,681.36	3/4	5,415.53	3/4	5,059.78	3/4	4,643.49	3/4	4,184.79	3/4	3,697.43	3/4	3,193.11	3/4	2,682.54	3/4	2,176.07	3/4	1,684.24
8	5,677.19	8	5,408.95	8	5,051.69	8	4,634.33	8	4,174.90	8	3,687.07	8	3,182.50	8	2,671.90	8	2,165.62	8	1,674.21
1/4	5,672.75	1/4	5,402.23	1/4	5,043.49	1/4	4,625.11	1/4	4,164.97	1/4	3,676.68	1/4	3,171.89	1/4	2,661.28	1/4	2,155.20	1/4	1,664.23
1/2	5,668.31	1/2	5,395.50	1/2	5,035.30	1/2	4,615.89	1/2	4,155.04	1/2	3,666.29	1/2	3,161.27	1/2	2,650.65	1/2	2,144.79	1/2	1,654.25
3/4	5,663.87	3/4	5,388.77	3/4	5,027.10	3/4	4,606.67	3/4	4,145.10	3/4	3,655.89	3/4	3,150.66	3/4	2,640.03	3/4	2,134.37	3/4	1,644.27
9	5,659.43	9	5,382.05	9	5,018.90	9	4,597.45	9	4,135.17	9	3,645.50	9	3,140.05	9	2,629.40	9	2,123.95	9	1,634.29
1/4	5,654.74	1/4	5,375.18	1/4	5,010.61	1/4	4,588.16	1/4	4,125.18	1/4	3,635.08	1/4	3,129.42	1/4	2,618.79	1/4	2,113.56	1/4	1,624.35
1/2	5,650.06	1/2	5,368.31	1/2	5,002.32	1/2	4,578.87	1/2	4,115.20	1/2	3,624.67	1/2	3,118.80	1/2	2,608.18	1/2	2,103.17	1/2	1,614.42
3/4	5,645.38	3/4	5,361.44	3/4	4,994.03	3/4	4,569.58	3/4	4,105.22	3/4	3,614.25	3/4	3,108.17	3/4	2,597.57	3/4	2,092.77	3/4	1,604.48
10	5,640.69	10	5,354.57	10	4,985.74	10	4,560.29	10	4,095.24	10	3,603.83	10	3,097.55	10	2,586.95	10	2,082.38	10	1,594.55
1/4	5,635.77	1/4	5,347.57	1/4	4,977.35	1/4	4,550.93	1/4	4,085.21	1/4	3,593.39	1/4	3,086.92	1/4	2,576.35	1/4	2,072.02	1/4	1,584.66
1/2	5,630.86	1/2	5,340.56	1/2	4,968.96	1/2	4,541.57	1/2	4,075.18	1/2	3,582.95	1/2	3,076.29	1/2	2,565.74	1/2	2,061.67	1/2	1,574.77
3/4	5,625.94	3/4	5,333.55	3/4	4,960.58	3/4	4,532.21	3/4	4,065.15	3/4	3,572.51	3/4	3,065.65	3/4	2,555.13	3/4	2,051.31	3/4	1,564.89
11	5,621.02	11	5,326.55	11	4,952.19	11	4,522.86	11	4,055.12	11	3,562.07	11	3,055.02	11	2,544.52	11	2,040.95	11	1,555.00
1/4	5,615.89	1/4	5,319.40	1/4	4,943.70	1/4	4,513.43	1/4	4,045.05	1/4	3,551.60	1/4	3,044.39	1/4	2,533.93	1/4	2,030.62	1/4	1,545.17
1/2	5,610.75	1/2	5,312.25	1/2	4,935.21	1/2	4,504.00	1/2	4,034.98	1/2	3,541.13	1/2	3,033.75	1/2	2,523.33	1/2	2,020.29	1/2	1,535.33
3/4	5,605.61	3/4	5,305.10	3/4	4,926.73	3/4	4,494.57	3/4	4,024.90	3/4	3,530.66	3/4	3,023.11	3/4	2,512.74	3/4	2,009.95	3/4	1,525.50

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API STANDARD 2551.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 17800"

K-7022-2
HORIZONTAL
ULLAGE

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

FORMERLY "DC 515"

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	1,515.67	0	1,062.21	0	653.45	0	308.52	0	60.00	0		0		0		0		0	
1/4	1,505.89	1/4	1,053.21	1/4	645.58	1/4	302.27	1/4	56.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,496.11	1/2	1,044.21	1/2	637.70	1/2	296.01	1/2	52.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,486.33	3/4	1,035.21	3/4	629.83	3/4	289.76	3/4	49.25	3/4		3/4		3/4		3/4		3/4	
1	1,476.55	1	1,026.21	1	621.95	1	283.50	1	45.67	1		1		1		1		1	
1/4	1,466.82	1/4	1,017.30	1/4	614.19	1/4	277.41	1/4	42.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,457.08	1/2	1,008.38	1/2	606.43	1/2	271.32	1/2	39.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,447.35	3/4	999.46	3/4	598.67	3/4	265.23	3/4	35.93	3/4		3/4		3/4		3/4		3/4	
2	1,437.62	2	990.55	2	590.90	2	259.14	2	32.69	2		2		2		2		2	
1/4	1,427.95	1/4	981.71	1/4	583.26	1/4	253.23	1/4	29.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,418.29	1/2	972.87	1/2	575.62	1/2	247.31	1/2	26.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,408.62	3/4	964.03	3/4	567.98	3/4	241.39	3/4	24.10	3/4		3/4		3/4		3/4		3/4	
3	1,398.95	3	955.19	3	560.33	3	235.48	3	21.24	3		3		3		3		3	
1/4	1,389.34	1/4	946.44	1/4	552.80	1/4	229.74	1/4	18.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,379.73	1/2	937.69	1/2	545.27	1/2	224.01	1/2	16.39	1/2		1/2		1/2		1/2		1/2	
3/4	1,370.11	3/4	928.94	3/4	537.74	3/4	218.28	3/4	13.97	3/4		3/4		3/4		3/4		3/4	
4	1,360.50	4	920.19	4	530.21	4	212.55	4	11.55	4		4		4		4		4	
1/4	1,350.95	1/4	911.52	1/4	522.81	1/4	207.01	1/4	9.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,341.39	1/2	902.86	1/2	515.40	1/2	201.46	1/2	7.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,331.84	3/4	894.19	3/4	508.00	3/4	195.92	3/4	5.96	3/4		3/4		3/4		3/4		3/4	
5	1,322.29	5	885.52	5	500.60	5	190.38	5	4.10	5		5		5		5		5	
1/4	1,312.79	1/4	876.95	1/4	493.32	1/4	185.04	1/4	3.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,303.30	1/2	868.37	1/2	486.05	1/2	179.69	1/2	2.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,293.80	3/4	859.79	3/4	478.77	3/4	174.35	3/4	1.02	3/4		3/4		3/4		3/4		3/4	
6	1,284.31	6	851.21	6	471.50	6	169.00	6	0.00	6		6		6		6		6	
1/4	1,274.89	1/4	842.73	1/4	464.35	1/4	163.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,265.46	1/2	834.25	1/2	457.20	1/2	158.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,256.04	3/4	825.77	3/4	450.05	3/4	153.59	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,246.62	7	817.29	7	442.90	7	148.45	7		7		7		7		7		7	
1/4	1,237.26	1/4	808.89	1/4	435.90	1/4	143.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,227.89	1/2	800.50	1/2	428.89	1/2	138.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,218.53	3/4	792.11	3/4	421.89	3/4	133.68	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,209.17	8	783.71	8	414.88	8	128.76	8		8		8		8		8		8	
1/4	1,199.88	1/4	775.42	1/4	408.01	1/4	124.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,190.58	1/2	767.13	1/2	401.14	1/2	119.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,181.29	3/4	758.84	3/4	394.27	3/4	114.71	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,172.00	9	750.55	9	387.40	9	110.02	9		9		9		9		9		9	
1/4	1,162.78	1/4	742.35	1/4	380.68	1/4	105.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,153.56	1/2	734.15	1/2	373.95	1/2	101.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,144.34	3/4	725.96	3/4	367.23	3/4	96.72	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,135.12	10	717.76	10	360.50	10	92.29	10		10		10		10		10		10	
1/4	1,125.97	1/4	709.67	1/4	353.93	1/4	88.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,116.82	1/2	701.58	1/2	347.36	1/2	83.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,107.67	3/4	693.49	3/4	340.79	3/4	79.75	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,098.52	11	685.40	11	334.21	11	75.57	11		11		11		11		11		11	
1/4	1,089.45	1/4	677.42	1/4	327.79	1/4	71.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,080.37	1/2	669.43	1/2	321.37	1/2	67.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,071.29	3/4	661.44	3/4	314.95	3/4	63.89	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/1978 SI
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CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2004

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



BARGE "KIRBY 17800"

K-7022-3

HORIZONTAL ULLAGE

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

FORMERLY "DC 515"

IN	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		5,770.05	0	5,601.05	0	5,298.50	0	4,918.74	0	4,485.60	0	4,015.24	0	3,520.55	0	3,012.76	0	2,502.40	0	1,999.83	
1/4	1/4	5,769.02	1/4	5,595.70	1/4	5,291.22	1/4	4,910.16	1/4	4,476.10	1/4	4,005.12	1/4	3,510.05	1/4	3,002.12	1/4	2,491.82	1/4	1,989.53	
1/2	1/2	5,768.00	1/2	5,590.36	1/2	5,283.94	1/2	4,901.58	1/2	4,466.61	1/2	3,995.01	1/2	3,499.56	1/2	2,991.48	1/2	2,481.24	1/2	1,979.23	
3/4	3/4	5,766.98	3/4	5,585.01	3/4	5,276.66	3/4	4,893.01	3/4	4,457.11	3/4	3,984.90	3/4	3,489.07	3/4	2,980.83	3/4	2,470.65	3/4	1,968.92	
1		5,765.95	1	5,579.67	1	5,269.38	1	4,884.43	1	4,447.62	1	3,974.79	1	3,478.57	1	2,970.19	1	2,460.07	1	1,958.62	
1/4	1/4	5,764.08	1/4	5,574.12	1/4	5,261.98	1/4	4,875.76	1/4	4,438.07	1/4	3,964.63	1/4	3,468.06	1/4	2,959.55	1/4	2,449.51	1/4	1,948.36	
1/2	1/2	5,762.21	1/2	5,568.57	1/2	5,254.57	1/2	4,867.10	1/2	4,428.51	1/2	3,954.48	1/2	3,457.55	1/2	2,948.90	1/2	2,438.94	1/2	1,938.10	
3/4	3/4	5,760.35	3/4	5,563.02	3/4	5,247.17	3/4	4,858.43	3/4	4,418.96	3/4	3,944.32	3/4	3,447.04	3/4	2,938.26	3/4	2,428.38	3/4	1,927.83	
2		5,758.48	2	5,557.48	2	5,239.76	2	4,849.76	2	4,409.40	2	3,934.17	2	3,436.52	2	2,927.62	2	2,417.81	2	1,917.57	
1/4	1/4	5,756.06	1/4	5,551.74	1/4	5,232.24	1/4	4,841.01	1/4	4,399.79	1/4	3,923.97	1/4	3,425.99	1/4	2,916.97	1/4	2,407.26	1/4	1,907.34	
1/2	1/2	5,753.64	1/2	5,546.01	1/2	5,224.71	1/2	4,832.25	1/2	4,390.18	1/2	3,913.77	1/2	3,415.46	1/2	2,906.32	1/2	2,396.71	1/2	1,897.11	
3/4	3/4	5,751.23	3/4	5,540.28	3/4	5,217.19	3/4	4,823.49	3/4	4,380.57	3/4	3,903.58	3/4	3,404.93	3/4	2,895.67	3/4	2,386.17	3/4	1,886.88	
3		5,748.81	3	5,534.55	3	5,209.67	3	4,814.74	3	4,370.95	3	3,893.38	3	3,394.40	3	2,885.02	3	2,375.62	3	1,876.64	
1/4	1/4	5,745.95	1/4	5,528.63	1/4	5,202.02	1/4	4,805.90	1/4	4,361.28	1/4	3,883.15	1/4	3,383.86	1/4	2,874.37	1/4	2,365.09	1/4	1,866.45	
1/2	1/2	5,743.08	1/2	5,522.71	1/2	5,194.37	1/2	4,797.06	1/2	4,351.61	1/2	3,872.93	1/2	3,373.31	1/2	2,863.73	1/2	2,354.56	1/2	1,856.26	
3/4	3/4	5,740.22	3/4	5,516.80	3/4	5,186.72	3/4	4,788.22	3/4	4,341.93	3/4	3,862.70	3/4	3,362.76	3/4	2,853.08	3/4	2,344.03	3/4	1,846.07	
4		5,737.36	4	5,510.88	4	5,179.07	4	4,779.38	4	4,332.26	4	3,852.48	4	3,352.21	4	2,842.43	4	2,333.50	4	1,835.88	
1/4	1/4	5,734.11	1/4	5,504.79	1/4	5,171.31	1/4	4,770.46	1/4	4,322.53	1/4	3,842.21	1/4	3,341.65	1/4	2,831.78	1/4	2,322.99	1/4	1,825.73	
1/2	1/2	5,730.87	1/2	5,498.70	1/2	5,163.55	1/2	4,761.55	1/2	4,312.80	1/2	3,831.94	1/2	3,331.08	1/2	2,821.43	1/2	2,312.48	1/2	1,815.57	
3/4	3/4	5,727.62	3/4	5,492.61	3/4	5,155.79	3/4	4,752.63	3/4	4,303.07	3/4	3,821.67	3/4	3,320.52	3/4	2,810.48	3/4	2,301.96	3/4	1,805.42	
6		5,724.38	6	5,486.52	6	5,148.02	6	4,743.71	6	4,293.33	6	3,811.40	6	3,309.95	6	2,799.83	6	2,291.45	6	1,795.26	
1/4	1/4	5,720.80	1/4	5,480.26	1/4	5,140.14	1/4	4,734.71	1/4	4,283.55	1/4	3,801.11	1/4	3,299.37	1/4	2,789.19	1/4	2,280.96	1/4	1,785.14	
1/2	1/2	5,717.21	1/2	5,474.00	1/2	5,132.26	1/2	4,725.71	1/2	4,273.77	1/2	3,790.81	1/2	3,288.79	1/2	2,778.55	1/2	2,270.46	1/2	1,775.02	
3/4	3/4	5,713.63	3/4	5,467.74	3/4	5,124.38	3/4	4,716.71	3/4	4,263.99	3/4	3,780.51	3/4	3,278.20	3/4	2,767.90	3/4	2,259.97	3/4	1,764.90	
6		5,710.05	6	5,461.48	6	5,116.50	6	4,707.71	6	4,254.21	6	3,770.21	6	3,267.62	6	2,757.26	6	2,249.48	6	1,754.79	
1/4	1/4	5,706.15	1/4	5,455.06	1/4	5,108.52	1/4	4,698.64	1/4	4,244.38	1/4	3,759.88	1/4	3,257.03	1/4	2,746.63	1/4	2,239.01	1/4	1,744.71	
1/2	1/2	5,702.26	1/2	5,448.64	1/2	5,100.54	1/2	4,689.56	1/2	4,234.54	1/2	3,749.55	1/2	3,246.44	1/2	2,735.99	1/2	2,228.55	1/2	1,734.64	
3/4	3/4	5,698.37	3/4	5,442.23	3/4	5,092.55	3/4	4,680.48	3/4	4,224.70	3/4	3,739.21	3/4	3,235.85	3/4	2,725.35	3/4	2,218.08	3/4	1,724.57	
7		5,694.48	7	5,435.81	7	5,084.57	7	4,671.40	7	4,214.86	7	3,728.88	7	3,225.26	7	2,714.71	7	2,207.62	7	1,714.50	
1/4	1/4	5,690.30	1/4	5,429.23	1/4	5,076.48	1/4	4,662.26	1/4	4,204.97	1/4	3,718.34	1/4	3,214.65	1/4	2,704.08	1/4	2,197.17	1/4	1,704.47	
1/2	1/2	5,686.12	1/2	5,422.65	1/2	5,068.39	1/2	4,653.11	1/2	4,195.08	1/2	3,707.80	1/2	3,204.05	1/2	2,693.44	1/2	2,186.73	1/2	1,694.44	
3/4	3/4	5,681.94	3/4	5,416.08	3/4	5,060.30	3/4	4,643.96	3/4	4,185.20	3/4	3,697.26	3/4	3,193.44	3/4	2,682.80	3/4	2,176.28	3/4	1,684.41	
8		5,677.76	8	5,409.50	8	5,052.21	8	4,634.81	8	4,175.31	8	3,686.71	8	3,182.83	8	2,672.17	8	2,165.83	8	1,674.38	
1/4	1/4	5,673.32	1/4	5,402.77	1/4	5,044.02	1/4	4,625.59	1/4	4,165.38	1/4	3,676.50	1/4	3,172.21	1/4	2,661.54	1/4	2,155.42	1/4	1,664.40	
1/2	1/2	5,668.88	1/2	5,396.05	1/2	5,035.82	1/2	4,616.37	1/2	4,155.44	1/2	3,666.29	1/2	3,161.60	1/2	2,650.92	1/2	2,145.00	1/2	1,654.42	
3/4	3/4	5,664.44	3/4	5,389.32	3/4	5,027.63	3/4	4,607.15	3/4	4,145.51	3/4	3,656.07	3/4	3,150.98	3/4	2,640.29	3/4	2,134.58	3/4	1,644.43	
9		5,660.00	9	5,382.60	9	5,019.43	9	4,597.93	9	4,135.57	9	3,645.86	9	3,140.36	9	2,629.67	9	2,124.17	9	1,634.45	
1/4	1/4	5,655.32	1/4	5,375.73	1/4	5,011.13	1/4	4,588.63	1/4	4,125.59	1/4	3,635.44	1/4	3,129.73	1/4	2,619.05	1/4	2,113.77	1/4	1,624.52	
1/2	1/2	5,650.63	1/2	5,368.86	1/2	5,002.83	1/2	4,579.33	1/2	4,115.61	1/2	3,625.02	1/2	3,119.11	1/2	2,608.44	1/2	2,103.38	1/2	1,614.58	
3/4	3/4	5,645.95	3/4	5,361.99	3/4	4,994.54	3/4	4,570.04	3/4	4,105.63	3/4	3,614.61	3/4	3,108.48	3/4	2,597.83	3/4	2,092.99	3/4	1,604.65	
10		5,641.26	10	5,355.12	10	4,986.24	10	4,560.74	10	4,095.64	10	3,604.19	10	3,097.86	10	2,587.21	10	2,082.60	10	1,594.71	
1/4	1/4	5,636.35	1/4	5,348.11	1/4	4,977.85	1/4	4,551.38	1/4	4,085.61	1/4	3,593.75	1/4	3,087.23	1/4	2,576.61	1/4	2,072.23	1/4	1,584.83	
1/2	1/2	5,631.43	1/2	5,341.10	1/2	4,969.46	1/2	4,542.02	1/2	4,075.58	1/2	3,583.31	1/2	3,076.60	1/2	2,566.00	1/2	2,061.87	1/2	1,574.94	
3/4	3/4	5,626.51	3/4	5,334.08	3/4	4,961.08	3/4	4,532.67	3/4	4,065.55	3/4	3,572.87	3/4	3,065.96	3/4	2,555.39	3/4	2,051.51	3/4	1,565.05	
11		5,621.60	11	5,327.07	11	4,952.69	11	4,523.31	11	4,055.52	11	3,562.43	11	3,055.33	11	2,544.79	11	2,041.14	11	1,555.17	
1/4	1/4	5,616.46	1/4	5,319.93	1/4	4,944.20	1/4	4,513.88	1/4	4,045.45	1/4	3,551.96	1/4	3,044.69	1/4	2,534.19	1/4	2,030.82	1/4	1,545.33	
1/2	1/2	5,611.32	1/2	5,312.79	1/2	4,935.71	1/2	4,504.45	1/2	4,035.38	1/2	3,541.49	1/2	3,034.05	1/2	2,523.60	1/2	2,020.49	1/2	1,535.49	
3/4	3/4	5,606.18	3/4	5,305.64	3/4	4,927.23	3/4	4,495.02	3/4	4,025.31	3/4	3,531.02	3/4	3,023.40	3/4	2,513.00	3/4	2,010.16	3/4	1,525.65	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API STANDARD 2551.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 17800"

K-7022-3
HORIZONTAL
ULLAGE

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

FORMERLY "DC 515"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	1,515.81	0	1,062.31	0	653.52	0	308.55	0	60.00	0		0		0		0		0	
1/4	1,506.03	1/4	1,053.31	1/4	645.65	1/4	302.29	1/4	56.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,496.25	1/2	1,044.31	1/2	637.77	1/2	296.04	1/2	52.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,486.47	3/4	1,035.31	3/4	629.90	3/4	289.78	3/4	49.25	3/4		3/4		3/4		3/4		3/4	
1	1,476.69	1	1,026.31	1	622.02	1	283.52	1	45.67	1		1		1		1		1	
1/4	1,466.96	1/4	1,017.39	1/4	614.26	1/4	277.43	1/4	42.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,457.23	1/2	1,008.48	1/2	606.49	1/2	271.35	1/2	39.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,447.49	3/4	999.56	3/4	598.72	3/4	265.26	3/4	35.93	3/4		3/4		3/4		3/4		3/4	
2	1,437.76	2	990.64	2	590.95	2	259.17	2	32.69	2		2		2		2		2	
1/4	1,428.10	1/4	981.80	1/4	583.31	1/4	253.25	1/4	29.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,418.43	1/2	972.96	1/2	575.67	1/2	247.33	1/2	26.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,408.76	3/4	964.12	3/4	568.02	3/4	241.42	3/4	24.10	3/4		3/4		3/4		3/4		3/4	
3	1,399.10	3	955.29	3	560.38	3	235.50	3	21.24	3		3		3		3		3	
1/4	1,389.48	1/4	946.54	1/4	552.85	1/4	229.77	1/4	18.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,379.86	1/2	937.79	1/2	545.32	1/2	224.04	1/2	16.39	1/2		1/2		1/2		1/2		1/2	
3/4	1,370.24	3/4	929.04	3/4	537.79	3/4	218.30	3/4	13.97	3/4		3/4		3/4		3/4		3/4	
4	1,360.62	4	920.29	4	530.26	4	212.57	4	11.55	4		4		4		4		4	
1/4	1,351.07	1/4	911.61	1/4	522.86	1/4	207.02	1/4	9.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,341.51	1/2	902.94	1/2	515.45	1/2	201.48	1/2	7.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,331.96	3/4	894.27	3/4	508.05	3/4	195.93	3/4	5.96	3/4		3/4		3/4		3/4		3/4	
5	1,322.40	5	885.60	5	500.64	5	190.38	5	4.10	5		5		5		5		5	
1/4	1,312.92	1/4	877.02	1/4	493.36	1/4	185.04	1/4	3.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,303.43	1/2	868.44	1/2	486.08	1/2	179.69	1/2	2.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,293.94	3/4	859.86	3/4	478.80	3/4	174.35	3/4	1.02	3/4		3/4		3/4		3/4		3/4	
6	1,284.45	6	851.29	6	471.52	6	169.00	6	0.00	6		6		6		6		6	
1/4	1,275.02	1/4	842.80	1/4	464.38	1/4	163.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,265.60	1/2	834.32	1/2	457.24	1/2	158.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,256.17	3/4	825.84	3/4	450.10	3/4	153.59	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,246.74	7	817.36	7	442.95	7	148.45	7		7		7		7		7		7	
1/4	1,237.37	1/4	808.96	1/4	435.94	1/4	143.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,228.01	1/2	800.57	1/2	428.93	1/2	138.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,218.65	3/4	792.18	3/4	421.92	3/4	133.70	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,209.29	8	783.79	8	414.90	8	128.79	8		8		8		8		8		8	
1/4	1,199.99	1/4	775.49	1/4	408.04	1/4	124.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,190.70	1/2	767.19	1/2	401.17	1/2	119.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,181.41	3/4	758.89	3/4	394.30	3/4	114.73	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,172.12	9	750.60	9	387.43	9	110.05	9		9		9		9		9		9	
1/4	1,162.89	1/4	742.40	1/4	380.70	1/4	105.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,153.67	1/2	734.21	1/2	373.98	1/2	101.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,144.44	3/4	726.02	3/4	367.25	3/4	96.73	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,135.21	10	717.83	10	360.52	10	92.29	10		10		10		10		10		10	
1/4	1,126.07	1/4	709.74	1/4	353.95	1/4	88.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,116.92	1/2	701.64	1/2	347.38	1/2	83.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,107.77	3/4	693.55	3/4	340.81	3/4	79.75	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,098.62	11	685.45	11	334.24	11	75.57	11		11		11		11		11		11	
1/4	1,089.54	1/4	677.47	1/4	327.82	1/4	71.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,080.46	1/2	669.49	1/2	321.39	1/2	67.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,071.39	3/4	661.51	3/4	314.97	3/4	63.89	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/1978 SI
 REPRINTED: 10/11/2004 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2004

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



BARGE "KIRBY 17800"

PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 515"

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	169.00	0	471.52	0	851.29	0	1,284.45	0	1,754.79	0	2,249.48	0	2,757.26	0	3,267.62	0	3,770.21
1/4	1.02	1/4	174.35	1/4	478.80	1/4	859.86	1/4	1,293.94	1/4	1,764.90	1/4	2,259.97	1/4	2,767.90	1/4	3,278.20	1/4	3,780.51
1/2	2.05	1/2	179.69	1/2	486.08	1/2	868.44	1/2	1,303.43	1/2	1,775.02	1/2	2,270.46	1/2	2,778.55	1/2	3,288.79	1/2	3,790.81
3/4	3.07	3/4	185.04	3/4	493.36	3/4	877.02	3/4	1,312.92	3/4	1,785.14	3/4	2,280.96	3/4	2,789.19	3/4	3,299.37	3/4	3,801.11
1	4.10	1	190.38	1	500.64	1	885.60	1	1,322.40	1	1,795.26	1	2,291.45	1	2,799.83	1	3,309.95	1	3,811.40
1/4	5.96	1/4	195.93	1/4	508.05	1/4	894.27	1/4	1,331.96	1/4	1,805.42	1/4	2,301.96	1/4	2,810.48	1/4	3,320.52	1/4	3,821.67
1/2	7.82	1/2	201.48	1/2	515.45	1/2	902.94	1/2	1,341.51	1/2	1,815.57	1/2	2,312.48	1/2	2,821.13	1/2	3,331.08	1/2	3,831.94
3/4	9.68	3/4	207.02	3/4	522.86	3/4	911.61	3/4	1,351.07	3/4	1,825.73	3/4	2,322.99	3/4	2,831.78	3/4	3,341.65	3/4	3,842.21
2	11.55	2	212.57	2	530.26	2	920.29	2	1,360.62	2	1,835.88	2	2,333.50	2	2,842.43	2	3,352.21	2	3,852.48
1/4	13.97	1/4	218.30	1/4	537.79	1/4	929.04	1/4	1,370.24	1/4	1,846.07	1/4	2,344.03	1/4	2,853.08	1/4	3,362.76	1/4	3,862.70
1/2	16.39	1/2	224.04	1/2	545.32	1/2	937.79	1/2	1,379.86	1/2	1,856.26	1/2	2,354.56	1/2	2,863.73	1/2	3,373.31	1/2	3,872.93
3/4	18.82	3/4	229.77	3/4	552.85	3/4	946.54	3/4	1,389.48	3/4	1,866.45	3/4	2,365.09	3/4	2,874.37	3/4	3,383.86	3/4	3,883.15
3	21.24	3	235.50	3	560.38	3	955.29	3	1,399.10	3	1,876.64	3	2,375.62	3	2,885.02	3	3,394.40	3	3,893.38
1/4	24.10	1/4	241.42	1/4	568.02	1/4	964.12	1/4	1,408.76	1/4	1,886.88	1/4	2,386.17	1/4	2,895.67	1/4	3,404.93	1/4	3,903.58
1/2	26.96	1/2	247.33	1/2	575.67	1/2	972.96	1/2	1,418.43	1/2	1,897.11	1/2	2,396.71	1/2	2,906.32	1/2	3,415.46	1/2	3,913.77
3/4	29.83	3/4	253.25	3/4	583.31	3/4	981.80	3/4	1,428.10	3/4	1,907.34	3/4	2,407.26	3/4	2,916.97	3/4	3,425.99	3/4	3,923.97
4	32.69	4	259.17	4	590.95	4	990.64	4	1,437.76	4	1,917.57	4	2,417.81	4	2,927.62	4	3,436.52	4	3,934.17
1/4	35.93	1/4	265.26	1/4	598.72	1/4	999.56	1/4	1,447.49	1/4	1,927.83	1/4	2,428.38	1/4	2,938.26	1/4	3,447.04	1/4	3,944.32
1/2	39.18	1/2	271.35	1/2	606.49	1/2	1,008.48	1/2	1,457.23	1/2	1,938.10	1/2	2,438.94	1/2	2,948.90	1/2	3,457.55	1/2	3,954.48
3/4	42.42	3/4	277.43	3/4	614.26	3/4	1,017.39	3/4	1,466.96	3/4	1,948.36	3/4	2,449.51	3/4	2,959.55	3/4	3,468.06	3/4	3,964.63
5	45.67	5	283.52	5	622.02	5	1,026.31	5	1,476.69	5	1,958.62	5	2,460.07	5	2,970.19	5	3,478.57	5	3,974.79
1/4	49.25	1/4	289.78	1/4	629.90	1/4	1,035.31	1/4	1,486.47	1/4	1,968.92	1/4	2,470.65	1/4	2,980.83	1/4	3,489.07	1/4	3,984.90
1/2	52.83	1/2	296.04	1/2	637.77	1/2	1,044.31	1/2	1,496.25	1/2	1,979.23	1/2	2,481.24	1/2	2,991.48	1/2	3,499.56	1/2	3,995.01
3/4	56.42	3/4	302.29	3/4	645.65	3/4	1,053.31	3/4	1,506.03	3/4	1,989.53	3/4	2,491.82	3/4	3,002.12	3/4	3,510.05	3/4	4,005.12
6	60.00	6	308.55	6	653.52	6	1,062.31	6	1,515.81	6	1,999.83	6	2,502.40	6	3,012.76	6	3,520.55	6	4,015.24
1/4	63.89	1/4	314.97	1/4	661.51	1/4	1,071.39	1/4	1,525.65	1/4	2,010.16	1/4	2,513.00	1/4	3,023.40	1/4	3,531.02	1/4	4,025.31
1/2	67.79	1/2	321.39	1/2	669.49	1/2	1,080.46	1/2	1,535.49	1/2	2,020.49	1/2	2,523.60	1/2	3,034.05	1/2	3,541.49	1/2	4,035.38
3/4	71.68	3/4	327.82	3/4	677.47	3/4	1,089.54	3/4	1,545.33	3/4	2,030.82	3/4	2,534.19	3/4	3,044.69	3/4	3,551.96	3/4	4,045.45
7	75.57	7	334.24	7	685.45	7	1,098.62	7	1,555.17	7	2,041.14	7	2,544.79	7	3,055.33	7	3,562.43	7	4,055.52
1/4	79.75	1/4	340.81	1/4	693.55	1/4	1,107.77	1/4	1,565.05	1/4	2,051.51	1/4	2,555.39	1/4	3,065.96	1/4	3,572.87	1/4	4,065.55
1/2	83.93	1/2	347.38	1/2	701.64	1/2	1,116.92	1/2	1,574.94	1/2	2,061.87	1/2	2,566.00	1/2	3,076.60	1/2	3,583.31	1/2	4,075.58
3/4	88.11	3/4	353.95	3/4	709.74	3/4	1,126.07	3/4	1,584.83	3/4	2,072.23	3/4	2,576.61	3/4	3,087.23	3/4	3,593.75	3/4	4,085.61
8	92.29	8	360.52	8	717.83	8	1,135.21	8	1,594.71	8	2,082.60	8	2,587.21	8	3,097.86	8	3,604.19	8	4,095.64
1/4	96.73	1/4	367.25	1/4	726.02	1/4	1,144.44	1/4	1,604.65	1/4	2,092.99	1/4	2,597.83	1/4	3,108.48	1/4	3,614.61	1/4	4,105.63
1/2	101.17	1/2	373.98	1/2	734.21	1/2	1,153.67	1/2	1,614.58	1/2	2,103.38	1/2	2,608.44	1/2	3,119.11	1/2	3,625.02	1/2	4,115.61
3/4	105.61	3/4	380.70	3/4	742.40	3/4	1,162.89	3/4	1,624.52	3/4	2,113.77	3/4	2,619.05	3/4	3,129.73	3/4	3,635.44	3/4	4,125.59
9	110.05	9	387.43	9	750.60	9	1,172.12	9	1,634.45	9	2,124.17	9	2,629.67	9	3,140.36	9	3,645.86	9	4,135.57
1/4	114.73	1/4	394.30	1/4	758.89	1/4	1,181.41	1/4	1,644.43	1/4	2,134.58	1/4	2,640.29	1/4	3,150.98	1/4	3,656.07	1/4	4,145.51
1/2	119.42	1/2	401.17	1/2	767.19	1/2	1,190.70	1/2	1,654.42	1/2	2,145.00	1/2	2,650.92	1/2	3,161.60	1/2	3,666.29	1/2	4,155.44
3/4	124.10	3/4	408.04	3/4	775.49	3/4	1,199.99	3/4	1,664.40	3/4	2,155.42	3/4	2,661.54	3/4	3,172.21	3/4	3,676.50	3/4	4,165.38
10	128.79	10	414.90	10	783.79	10	1,209.29	10	1,674.38	10	2,165.83	10	2,672.17	10	3,182.83	10	3,686.71	10	4,175.31
1/4	133.70	1/4	421.92	1/4	792.18	1/4	1,218.65	1/4	1,684.41	1/4	2,176.28	1/4	2,682.80	1/4	3,193.44	1/4	3,697.26	1/4	4,185.20
1/2	138.62	1/2	428.93	1/2	800.57	1/2	1,228.01	1/2	1,694.44	1/2	2,186.73	1/2	2,693.44	1/2	3,204.05	1/2	3,707.80	1/2	4,195.08
3/4	143.54	3/4	435.94	3/4	808.96	3/4	1,237.37	3/4	1,704.47	3/4	2,197.17	3/4	2,704.08	3/4	3,214.65	3/4	3,718.34	3/4	4,204.97
11	148.45	11	442.95	11	817.36	11	1,246.74	11	1,714.50	11	2,207.62	11	2,714.71	11	3,225.26	11	3,728.88	11	4,214.86
1/4	153.59	1/4	450.10	1/4	825.84	1/4	1,256.17	1/4	1,724.57	1/4	2,218.08	1/4	2,725.35	1/4	3,235.85	1/4	3,739.21	1/4	4,224.70
1/2	158.73	1/2	457.24	1/2	834.32	1/2	1,265.60	1/2	1,734.64	1/2	2,228.55	1/2	2,735.99	1/2	3,246.44	1/2	3,749.55	1/2	4,234.54
3/4	163.86	3/4	464.38	3/4	842.80	3/4	1,275.02	3/4	1,744.71	3/4	2,239.01	3/4	2,746.63	3/4	3,257.03	3/4	3,759.88	3/4	4,244.38

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "KIRBY 17800"

PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 515"

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	4,254.21	0	4,707.71	0	5,116.50	0	5,461.48	0	5,710.05	0		0		0		0		0	
1/4	4,263.99	1/4	4,716.71	1/4	5,124.38	1/4	5,467.74	1/4	5,713.63	1/4		1/4		1/4		1/4		1/4	
1/2	4,273.77	1/2	4,725.71	1/2	5,132.26	1/2	5,474.00	1/2	5,717.21	1/2		1/2		1/2		1/2		1/2	
3/4	4,283.55	3/4	4,734.71	3/4	5,140.14	3/4	5,480.26	3/4	5,720.80	3/4		3/4		3/4		3/4		3/4	
1	4,293.33	1	4,743.71	1	5,148.02	1	5,486.52	1	5,724.38	1		1		1		1		1	
1/4	4,303.07	1/4	4,752.63	1/4	5,155.79	1/4	5,492.61	1/4	5,727.62	1/4		1/4		1/4		1/4		1/4	
1/2	4,312.80	1/2	4,761.55	1/2	5,163.55	1/2	5,498.70	1/2	5,730.87	1/2		1/2		1/2		1/2		1/2	
3/4	4,322.53	3/4	4,770.46	3/4	5,171.31	3/4	5,504.79	3/4	5,734.11	3/4		3/4		3/4		3/4		3/4	
2	4,332.26	2	4,779.38	2	5,179.07	2	5,510.88	2	5,737.36	2		2		2		2		2	
1/4	4,341.93	1/4	4,788.22	1/4	5,186.72	1/4	5,516.80	1/4	5,740.22	1/4		1/4		1/4		1/4		1/4	
1/2	4,351.61	1/2	4,797.06	1/2	5,194.37	1/2	5,522.71	1/2	5,743.08	1/2		1/2		1/2		1/2		1/2	
3/4	4,361.28	3/4	4,805.90	3/4	5,202.02	3/4	5,528.63	3/4	5,745.95	3/4		3/4		3/4		3/4		3/4	
3	4,370.95	3	4,814.74	3	5,209.67	3	5,534.55	3	5,748.81	3		3		3		3		3	
1/4	4,380.57	1/4	4,823.49	1/4	5,217.19	1/4	5,540.28	1/4	5,751.23	1/4		1/4		1/4		1/4		1/4	
1/2	4,390.18	1/2	4,832.25	1/2	5,224.71	1/2	5,546.01	1/2	5,753.64	1/2		1/2		1/2		1/2		1/2	
3/4	4,399.79	3/4	4,841.01	3/4	5,232.24	3/4	5,551.74	3/4	5,756.06	3/4		3/4		3/4		3/4		3/4	
4	4,409.40	4	4,849.76	4	5,239.76	4	5,557.48	4	5,758.48	4		4		4		4		4	
1/4	4,418.96	1/4	4,858.43	1/4	5,247.17	1/4	5,563.02	1/4	5,760.35	1/4		1/4		1/4		1/4		1/4	
1/2	4,428.51	1/2	4,867.10	1/2	5,254.57	1/2	5,568.57	1/2	5,762.21	1/2		1/2		1/2		1/2		1/2	
3/4	4,438.07	3/4	4,875.76	3/4	5,261.98	3/4	5,574.12	3/4	5,764.08	3/4		3/4		3/4		3/4		3/4	
5	4,447.62	5	4,884.43	5	5,269.38	5	5,579.67	5	5,765.95	5		5		5		5		5	
1/4	4,457.11	1/4	4,893.01	1/4	5,276.66	1/4	5,585.01	1/4	5,766.98	1/4		1/4		1/4		1/4		1/4	
1/2	4,466.61	1/2	4,901.58	1/2	5,283.94	1/2	5,590.36	1/2	5,768.00	1/2		1/2		1/2		1/2		1/2	
3/4	4,476.10	3/4	4,910.16	3/4	5,291.22	3/4	5,595.70	3/4	5,769.02	3/4		3/4		3/4		3/4		3/4	
6	4,485.60	6	4,918.74	6	5,298.50	6	5,601.05	6	5,770.05	6		6		6		6		6	
1/4	4,495.02	1/4	4,927.23	1/4	5,305.64	1/4	5,606.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,504.45	1/2	4,935.71	1/2	5,312.79	1/2	5,611.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,513.88	3/4	4,944.20	3/4	5,319.93	3/4	5,616.46	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,523.31	7	4,952.69	7	5,327.07	7	5,621.60	7		7		7		7		7		7	
1/4	4,532.67	1/4	4,961.08	1/4	5,334.08	1/4	5,626.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,542.02	1/2	4,969.46	1/2	5,341.10	1/2	5,631.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,551.38	3/4	4,977.85	3/4	5,348.11	3/4	5,636.35	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,560.74	8	4,986.24	8	5,355.12	8	5,641.26	8		8		8		8		8		8	
1/4	4,570.04	1/4	4,994.54	1/4	5,361.99	1/4	5,645.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,579.33	1/2	5,002.83	1/2	5,368.86	1/2	5,650.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,588.63	3/4	5,011.13	3/4	5,375.73	3/4	5,655.32	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,597.93	9	5,019.43	9	5,382.60	9	5,660.00	9		9		9		9		9		9	
1/4	4,607.15	1/4	5,027.63	1/4	5,389.32	1/4	5,664.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,616.37	1/2	5,035.82	1/2	5,396.05	1/2	5,668.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,625.59	3/4	5,044.02	3/4	5,402.77	3/4	5,673.32	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,634.81	10	5,052.21	10	5,409.50	10	5,677.76	10		10		10		10		10		10	
1/4	4,643.96	1/4	5,060.30	1/4	5,416.08	1/4	5,681.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,653.11	1/2	5,068.39	1/2	5,422.65	1/2	5,686.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,662.26	3/4	5,076.48	3/4	5,429.23	3/4	5,690.30	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,671.40	11	5,084.57	11	5,435.81	11	5,694.48	11		11		11		11		11		11	
1/4	4,680.48	1/4	5,092.55	1/4	5,442.23	1/4	5,698.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,689.56	1/2	5,100.54	1/2	5,448.64	1/2	5,702.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,698.64	3/4	5,108.52	3/4	5,455.06	3/4	5,706.15	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/1978 EWS
REPRINTED: 02/17/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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



BARGE "KIRBY 17800"

CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 515"

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	169.00	0	471.50	0	851.21	0	1,284.31	0	1,754.62	0	2,249.26	0	2,757.00	0	3,267.31	0	3,769.83
1/4	1.02	1/4	174.35	1/4	478.77	1/4	859.79	1/4	1,293.80	1/4	1,764.73	1/4	2,259.75	1/4	2,767.64	1/4	3,277.89	1/4	3,780.13
1/2	2.05	1/2	179.69	1/2	486.05	1/2	868.37	1/2	1,303.30	1/2	1,774.85	1/2	2,270.24	1/2	2,778.29	1/2	3,288.46	1/2	3,790.43
3/4	3.07	3/4	185.04	3/4	493.32	3/4	876.95	3/4	1,312.79	3/4	1,784.96	3/4	2,280.73	3/4	2,788.93	3/4	3,299.04	3/4	3,800.73
1	4.10	1	190.38	1	500.60	1	885.52	1	1,322.29	1	1,795.07	1	2,291.21	1	2,799.57	1	3,309.62	1	3,811.02
1/4	5.96	1/4	195.92	1/4	508.00	1/4	894.19	1/4	1,331.84	1/4	1,805.23	1/4	2,301.73	1/4	2,810.21	1/4	3,320.18	1/4	3,821.29
1/2	7.82	1/2	201.46	1/2	515.40	1/2	902.86	1/2	1,341.39	1/2	1,815.38	1/2	2,312.24	1/2	2,820.86	1/2	3,330.75	1/2	3,831.55
3/4	9.68	3/4	207.01	3/4	522.81	3/4	911.52	3/4	1,350.95	3/4	1,825.54	3/4	2,322.75	3/4	2,831.50	3/4	3,341.32	3/4	3,841.81
2	11.55	2	212.55	2	530.21	2	920.19	2	1,360.50	2	1,835.69	2	2,333.26	2	2,842.14	2	3,351.88	2	3,852.07
1/4	13.97	1/4	218.28	1/4	537.74	1/4	928.94	1/4	1,370.11	1/4	1,845.88	1/4	2,343.79	1/4	2,852.79	1/4	3,362.43	1/4	3,862.30
1/2	16.39	1/2	224.01	1/2	545.27	1/2	937.69	1/2	1,379.73	1/2	1,856.07	1/2	2,354.32	1/2	2,863.44	1/2	3,372.98	1/2	3,872.54
3/4	18.82	3/4	229.74	3/4	552.80	3/4	946.44	3/4	1,389.34	3/4	1,866.26	3/4	2,364.85	3/4	2,874.09	3/4	3,383.52	3/4	3,882.77
3	21.24	3	235.48	3	560.33	3	955.19	3	1,398.95	3	1,876.45	3	2,375.38	3	2,884.74	3	3,394.07	3	3,893.00
1/4	24.10	1/4	241.39	1/4	567.98	1/4	964.03	1/4	1,408.62	1/4	1,886.68	1/4	2,385.93	1/4	2,895.38	1/4	3,404.60	1/4	3,903.19
1/2	26.96	1/2	247.31	1/2	575.62	1/2	972.87	1/2	1,418.29	1/2	1,896.92	1/2	2,396.48	1/2	2,906.02	1/2	3,415.13	1/2	3,913.38
3/4	29.83	3/4	253.23	3/4	583.26	3/4	981.71	3/4	1,427.95	3/4	1,907.15	3/4	2,407.02	3/4	2,916.67	3/4	3,425.66	3/4	3,923.57
4	32.69	4	259.14	4	590.90	4	990.55	4	1,437.62	4	1,917.38	4	2,417.57	4	2,927.31	4	3,436.19	4	3,933.76
1/4	35.93	1/4	265.23	1/4	598.67	1/4	999.46	1/4	1,447.35	1/4	1,927.64	1/4	2,428.14	1/4	2,937.96	1/4	3,446.70	1/4	3,943.92
1/2	39.18	1/2	271.32	1/2	606.43	1/2	1,008.38	1/2	1,457.08	1/2	1,937.90	1/2	2,438.70	1/2	2,948.61	1/2	3,457.21	1/2	3,954.07
3/4	42.42	3/4	277.41	3/4	614.19	3/4	1,017.30	3/4	1,466.82	3/4	1,948.17	3/4	2,449.27	3/4	2,959.26	3/4	3,467.73	3/4	3,964.23
5	45.67	5	283.50	5	621.95	5	1,026.21	5	1,476.55	5	1,958.43	5	2,459.83	5	2,969.90	5	3,478.24	5	3,974.38
1/4	49.25	1/4	289.76	1/4	629.83	1/4	1,035.21	1/4	1,486.33	1/4	1,968.73	1/4	2,470.41	1/4	2,980.55	1/4	3,488.73	1/4	3,984.49
1/2	52.83	1/2	296.01	1/2	637.70	1/2	1,044.21	1/2	1,496.11	1/2	1,979.02	1/2	2,480.99	1/2	2,991.19	1/2	3,499.21	1/2	3,994.61
3/4	56.42	3/4	302.27	3/4	645.58	3/4	1,053.21	3/4	1,505.89	3/4	1,989.32	3/4	2,491.57	3/4	3,001.83	3/4	3,509.70	3/4	4,004.72
6	60.00	6	308.52	6	653.45	6	1,062.21	6	1,515.67	6	1,999.62	6	2,502.14	6	3,012.48	6	3,520.19	6	4,014.83
1/4	63.89	1/4	314.95	1/4	661.44	1/4	1,071.29	1/4	1,525.50	1/4	2,009.95	1/4	2,512.74	1/4	3,023.11	1/4	3,530.66	1/4	4,024.90
1/2	67.79	1/2	321.37	1/2	669.43	1/2	1,080.37	1/2	1,535.33	1/2	2,020.29	1/2	2,523.33	1/2	3,033.75	1/2	3,541.13	1/2	4,034.98
3/4	71.68	3/4	327.79	3/4	677.42	3/4	1,089.45	3/4	1,545.17	3/4	2,030.62	3/4	2,533.93	3/4	3,044.39	3/4	3,551.60	3/4	4,045.05
7	75.57	7	334.21	7	685.40	7	1,098.52	7	1,555.00	7	2,040.95	7	2,544.52	7	3,055.02	7	3,562.07	7	4,055.12
1/4	79.75	1/4	340.79	1/4	693.49	1/4	1,107.67	1/4	1,564.89	1/4	2,051.31	1/4	2,555.13	1/4	3,065.65	1/4	3,572.51	1/4	4,065.15
1/2	83.93	1/2	347.36	1/2	701.58	1/2	1,116.82	1/2	1,574.77	1/2	2,061.67	1/2	2,565.74	1/2	3,076.29	1/2	3,582.95	1/2	4,075.18
3/4	88.11	3/4	353.93	3/4	709.67	3/4	1,125.97	3/4	1,584.66	3/4	2,072.02	3/4	2,576.35	3/4	3,086.92	3/4	3,593.39	3/4	4,085.21
8	92.29	8	360.50	8	717.76	8	1,135.12	8	1,594.55	8	2,082.38	8	2,586.95	8	3,097.55	8	3,603.83	8	4,095.24
1/4	96.72	1/4	367.23	1/4	725.96	1/4	1,144.34	1/4	1,604.48	1/4	2,092.77	1/4	2,597.57	1/4	3,108.17	1/4	3,614.25	1/4	4,105.22
1/2	101.15	1/2	373.95	1/2	734.15	1/2	1,153.56	1/2	1,614.42	1/2	2,103.17	1/2	2,608.18	1/2	3,118.80	1/2	3,624.67	1/2	4,115.20
3/4	105.59	3/4	380.68	3/4	742.35	3/4	1,162.78	3/4	1,624.35	3/4	2,113.56	3/4	2,618.79	3/4	3,129.42	3/4	3,635.08	3/4	4,125.18
9	110.02	9	387.40	9	750.55	9	1,172.00	9	1,634.29	9	2,123.95	9	2,629.40	9	3,140.05	9	3,645.50	9	4,135.17
1/4	114.71	1/4	394.27	1/4	758.84	1/4	1,181.29	1/4	1,644.27	1/4	2,134.37	1/4	2,640.03	1/4	3,150.66	1/4	3,655.89	1/4	4,145.10
1/2	119.39	1/2	401.14	1/2	767.13	1/2	1,190.58	1/2	1,654.25	1/2	2,144.79	1/2	2,650.65	1/2	3,161.27	1/2	3,666.29	1/2	4,155.04
3/4	124.08	3/4	408.01	3/4	775.42	3/4	1,199.88	3/4	1,664.23	3/4	2,155.20	3/4	2,661.28	3/4	3,171.89	3/4	3,676.68	3/4	4,164.97
10	128.76	10	414.88	10	783.71	10	1,209.17	10	1,674.21	10	2,165.62	10	2,671.90	10	3,182.50	10	3,687.07	10	4,174.90
1/4	133.68	1/4	421.89	1/4	792.11	1/4	1,218.53	1/4	1,684.24	1/4	2,176.07	1/4	2,682.54	1/4	3,193.11	1/4	3,697.43	1/4	4,184.79
1/2	138.61	1/2	428.89	1/2	800.50	1/2	1,227.89	1/2	1,694.27	1/2	2,186.51	1/2	2,693.17	1/2	3,203.71	1/2	3,707.79	1/2	4,194.68
3/4	143.53	3/4	435.90	3/4	808.89	3/4	1,237.26	3/4	1,704.30	3/4	2,196.96	3/4	2,703.80	3/4	3,214.32	3/4	3,718.14	3/4	4,204.57
11	148.45	11	442.90	11	817.29	11	1,246.62	11	1,714.33	11	2,207.40	11	2,714.43	11	3,224.93	11	3,728.50	11	4,214.45
1/4	153.59	1/4	450.05	1/4	825.77	1/4	1,256.04	1/4	1,724.40	1/4	2,217.87	1/4	2,725.07	1/4	3,235.52	1/4	3,738.83	1/4	4,224.29
1/2	158.73	1/2	457.20	1/2	834.25	1/2	1,265.46	1/2	1,734.48	1/2	2,228.33	1/2	2,735.71	1/2	3,246.12	1/2	3,749.17	1/2	4,234.12
3/4	163.86	3/4	464.35	3/4	842.73	3/4	1,274.89	3/4	1,744.55	3/4	2,238.80	3/4	2,746.36	3/4	3,256.71	3/4	3,759.50	3/4	4,243.95

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 17800"

CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 515"

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	4,253.79	0	4,707.24	0	5,116.00	0	5,460.93	0	5,709.45	0		0		0		0		0	
1/4	4,263.57	1/4	4,716.24	1/4	5,123.88	1/4	5,467.18	1/4	5,713.04	1/4		1/4		1/4		1/4		1/4	
1/2	4,273.35	1/2	4,725.24	1/2	5,131.75	1/2	5,473.44	1/2	5,716.62	1/2		1/2		1/2		1/2		1/2	
3/4	4,283.13	3/4	4,734.24	3/4	5,139.63	3/4	5,479.70	3/4	5,720.20	3/4		3/4		3/4		3/4		3/4	
1	4,292.90	1	4,743.24	1	5,147.50	1	5,485.95	1	5,723.79	1		1		1		1		1	
1/4	4,302.64	1/4	4,752.15	1/4	5,155.26	1/4	5,492.04	1/4	5,727.04	1/4		1/4		1/4		1/4		1/4	
1/2	4,312.37	1/2	4,761.07	1/2	5,163.02	1/2	5,498.13	1/2	5,730.29	1/2		1/2		1/2		1/2		1/2	
3/4	4,322.10	3/4	4,769.99	3/4	5,170.79	3/4	5,504.22	3/4	5,733.54	3/4		3/4		3/4		3/4		3/4	
2	4,331.83	2	4,778.90	2	5,178.55	2	5,510.31	2	5,736.79	2		2		2		2		2	
1/4	4,341.50	1/4	4,787.74	1/4	5,186.19	1/4	5,516.23	1/4	5,739.65	1/4		1/4		1/4		1/4		1/4	
1/2	4,351.17	1/2	4,796.58	1/2	5,193.83	1/2	5,522.14	1/2	5,742.51	1/2		1/2		1/2		1/2		1/2	
3/4	4,360.83	3/4	4,805.42	3/4	5,201.48	3/4	5,528.06	3/4	5,745.37	3/4		3/4		3/4		3/4		3/4	
3	4,370.50	3	4,814.26	3	5,209.12	3	5,533.98	3	5,748.24	3		3		3		3		3	
1/4	4,380.11	1/4	4,823.01	1/4	5,216.65	1/4	5,539.71	1/4	5,750.65	1/4		1/4		1/4		1/4		1/4	
1/2	4,389.73	1/2	4,831.76	1/2	5,224.18	1/2	5,545.44	1/2	5,753.07	1/2		1/2		1/2		1/2		1/2	
3/4	4,399.34	3/4	4,840.51	3/4	5,231.71	3/4	5,551.17	3/4	5,755.49	3/4		3/4		3/4		3/4		3/4	
4	4,408.95	4	4,849.26	4	5,239.24	4	5,556.90	4	5,757.90	4		4		4		4		4	
1/4	4,418.51	1/4	4,857.93	1/4	5,246.64	1/4	5,562.45	1/4	5,759.77	1/4		1/4		1/4		1/4		1/4	
1/2	4,428.06	1/2	4,866.60	1/2	5,254.05	1/2	5,568.00	1/2	5,761.64	1/2		1/2		1/2		1/2		1/2	
3/4	4,437.61	3/4	4,875.26	3/4	5,261.45	3/4	5,573.55	3/4	5,763.51	3/4		3/4		3/4		3/4		3/4	
5	4,447.17	5	4,883.93	5	5,268.86	5	5,579.10	5	5,765.38	5		5		5		5		5	
1/4	4,456.66	1/4	4,892.51	1/4	5,276.13	1/4	5,584.44	1/4	5,766.40	1/4		1/4		1/4		1/4		1/4	
1/2	4,466.15	1/2	4,901.08	1/2	5,283.40	1/2	5,589.79	1/2	5,767.42	1/2		1/2		1/2		1/2		1/2	
3/4	4,475.65	3/4	4,909.66	3/4	5,290.68	3/4	5,595.13	3/4	5,768.43	3/4		3/4		3/4		3/4		3/4	
6	4,485.14	6	4,918.24	6	5,297.95	6	5,600.48	6	5,769.45	6		6		6		6		6	
1/4	4,494.57	1/4	4,926.73	1/4	5,305.10	1/4	5,605.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,504.00	1/2	4,935.21	1/2	5,312.25	1/2	5,610.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,513.43	3/4	4,943.70	3/4	5,319.40	3/4	5,615.89	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,522.86	7	4,952.19	7	5,326.55	7	5,621.02	7		7		7		7		7		7	
1/4	4,532.21	1/4	4,960.58	1/4	5,333.55	1/4	5,625.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,541.57	1/2	4,968.96	1/2	5,340.56	1/2	5,630.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,550.93	3/4	4,977.35	3/4	5,347.57	3/4	5,635.77	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,560.29	8	4,985.74	8	5,354.57	8	5,640.69	8		8		8		8		8		8	
1/4	4,569.58	1/4	4,994.03	1/4	5,361.44	1/4	5,645.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,578.87	1/2	5,002.32	1/2	5,368.31	1/2	5,650.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,588.16	3/4	5,010.61	3/4	5,375.18	3/4	5,654.74	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,597.45	9	5,018.90	9	5,382.05	9	5,659.43	9		9		9		9		9		9	
1/4	4,606.67	1/4	5,027.10	1/4	5,388.77	1/4	5,663.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,615.89	1/2	5,035.30	1/2	5,395.50	1/2	5,668.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,625.11	3/4	5,043.49	3/4	5,402.23	3/4	5,672.75	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,634.33	10	5,051.69	10	5,408.95	10	5,677.19	10		10		10		10		10		10	
1/4	4,643.49	1/4	5,059.78	1/4	5,415.53	1/4	5,681.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,652.64	1/2	5,067.87	1/2	5,422.11	1/2	5,685.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,661.80	3/4	5,075.96	3/4	5,428.68	3/4	5,689.71	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,670.95	11	5,084.05	11	5,435.26	11	5,693.88	11		11		11		11		11		11	
1/4	4,680.02	1/4	5,092.04	1/4	5,441.68	1/4	5,697.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,689.10	1/2	5,100.02	1/2	5,448.10	1/2	5,701.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,698.17	3/4	5,108.01	3/4	5,454.51	3/4	5,705.56	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/1978 EWS
REPRINTED: 02/17/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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



BARGE "KIRBY 17800"

STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 515"

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	168.98	0	471.45	0	851.12	0	1,284.19	0	1,754.43	0	2,249.02	0	2,756.69	0	3,266.95	0	3,769.40
1/4	1.02	1/4	174.32	1/4	478.73	1/4	859.70	1/4	1,293.68	1/4	1,764.54	1/4	2,259.51	1/4	2,767.33	1/4	3,277.53	1/4	3,779.70
1/2	2.05	1/2	179.67	1/2	486.00	1/2	868.27	1/2	1,303.17	1/2	1,774.65	1/2	2,270.00	1/2	2,777.98	1/2	3,288.11	1/2	3,790.00
3/4	3.07	3/4	185.01	3/4	493.27	3/4	876.85	3/4	1,312.65	3/4	1,784.77	3/4	2,280.49	3/4	2,788.62	3/4	3,298.68	3/4	3,800.30
1	4.10	1	190.36	1	500.55	1	885.43	1	1,322.14	1	1,794.88	1	2,290.98	1	2,799.26	1	3,309.26	1	3,810.60
1/4	5.96	1/4	195.90	1/4	507.95	1/4	894.10	1/4	1,331.70	1/4	1,805.04	1/4	2,301.49	1/4	2,809.90	1/4	3,319.82	1/4	3,820.86
1/2	7.82	1/2	201.44	1/2	515.36	1/2	902.76	1/2	1,341.25	1/2	1,815.19	1/2	2,312.00	1/2	2,820.55	1/2	3,330.38	1/2	3,831.13
3/4	9.68	3/4	206.98	3/4	522.76	3/4	911.43	3/4	1,350.80	3/4	1,825.35	3/4	2,322.51	3/4	2,831.19	3/4	3,340.94	3/4	3,841.40
2	11.55	2	212.52	2	530.17	2	920.10	2	1,360.36	2	1,835.50	2	2,333.02	2	2,841.83	2	3,351.50	2	3,851.67
1/4	13.97	1/4	218.26	1/4	537.69	1/4	928.85	1/4	1,369.97	1/4	1,845.69	1/4	2,343.55	1/4	2,852.48	1/4	3,362.05	1/4	3,861.89
1/2	16.39	1/2	223.99	1/2	545.21	1/2	937.60	1/2	1,379.58	1/2	1,855.88	1/2	2,354.07	1/2	2,863.12	1/2	3,372.60	1/2	3,872.12
3/4	18.82	3/4	229.72	3/4	552.74	3/4	946.35	3/4	1,389.20	3/4	1,866.07	3/4	2,364.60	3/4	2,873.76	3/4	3,383.14	3/4	3,882.35
3	21.24	3	235.45	3	560.26	3	955.10	3	1,398.81	3	1,876.26	3	2,375.12	3	2,884.41	3	3,393.69	3	3,892.57
1/4	24.10	1/4	241.37	1/4	567.91	1/4	963.93	1/4	1,408.48	1/4	1,886.49	1/4	2,385.67	1/4	2,895.05	1/4	3,404.22	1/4	3,902.76
1/2	26.95	1/2	247.29	1/2	575.56	1/2	972.77	1/2	1,418.14	1/2	1,896.71	1/2	2,396.21	1/2	2,905.70	1/2	3,414.75	1/2	3,912.95
3/4	29.81	3/4	253.20	3/4	583.21	3/4	981.61	3/4	1,427.81	3/4	1,906.94	3/4	2,406.76	3/4	2,916.35	3/4	3,425.28	3/4	3,923.14
4	32.67	4	259.12	4	590.86	4	990.45	4	1,437.48	4	1,917.17	4	2,417.31	4	2,927.00	4	3,435.81	4	3,933.33
1/4	35.92	1/4	265.21	1/4	598.62	1/4	999.37	1/4	1,447.20	1/4	1,927.43	1/4	2,427.88	1/4	2,937.64	1/4	3,446.32	1/4	3,943.49
1/2	39.17	1/2	271.30	1/2	606.38	1/2	1,008.29	1/2	1,456.93	1/2	1,937.70	1/2	2,438.44	1/2	2,948.29	1/2	3,456.83	1/2	3,953.64
3/4	42.42	3/4	277.39	3/4	614.14	3/4	1,017.20	3/4	1,466.65	3/4	1,947.97	3/4	2,449.01	3/4	2,958.93	3/4	3,467.35	3/4	3,963.80
5	45.67	5	283.48	5	621.90	5	1,026.12	5	1,476.38	5	1,958.24	5	2,459.57	5	2,969.57	5	3,477.86	5	3,973.95
1/4	49.25	1/4	289.73	1/4	629.78	1/4	1,035.11	1/4	1,486.17	1/4	1,968.53	1/4	2,470.15	1/4	2,980.21	1/4	3,488.35	1/4	3,984.06
1/2	52.83	1/2	295.99	1/2	637.65	1/2	1,044.11	1/2	1,495.95	1/2	1,978.82	1/2	2,480.73	1/2	2,990.86	1/2	3,498.83	1/2	3,994.17
3/4	56.42	3/4	302.24	3/4	645.53	3/4	1,053.10	3/4	1,505.74	3/4	1,989.11	3/4	2,491.30	3/4	3,001.50	3/4	3,509.32	3/4	4,004.27
6	60.00	6	308.50	6	653.40	6	1,062.10	6	1,515.52	6	1,999.40	6	2,501.88	6	3,012.14	6	3,519.81	6	4,014.38
1/4	63.89	1/4	314.92	1/4	661.39	1/4	1,071.17	1/4	1,525.36	1/4	2,009.74	1/4	2,512.48	1/4	3,022.78	1/4	3,530.27	1/4	4,024.45
1/2	67.79	1/2	321.33	1/2	669.37	1/2	1,080.25	1/2	1,535.19	1/2	2,020.07	1/2	2,523.07	1/2	3,033.42	1/2	3,540.74	1/2	4,034.52
3/4	71.68	3/4	327.75	3/4	677.35	3/4	1,089.33	3/4	1,545.02	3/4	2,030.40	3/4	2,533.67	3/4	3,044.05	3/4	3,551.20	3/4	4,044.60
7	75.57	7	334.17	7	685.33	7	1,098.40	7	1,554.86	7	2,040.74	7	2,544.26	7	3,054.69	7	3,561.67	7	4,054.67
1/4	79.74	1/4	340.74	1/4	693.42	1/4	1,107.55	1/4	1,564.74	1/4	2,051.10	1/4	2,554.86	1/4	3,065.32	1/4	3,572.11	1/4	4,064.70
1/2	83.92	1/2	347.32	1/2	701.51	1/2	1,116.70	1/2	1,574.62	1/2	2,061.45	1/2	2,565.46	1/2	3,075.95	1/2	3,582.55	1/2	4,074.73
3/4	88.09	3/4	353.90	3/4	709.60	3/4	1,125.85	3/4	1,584.50	3/4	2,071.81	3/4	2,576.07	3/4	3,086.58	3/4	3,592.99	3/4	4,084.76
8	92.26	8	360.48	8	717.69	8	1,135.00	8	1,594.38	8	2,082.17	8	2,586.67	8	3,097.21	8	3,603.43	8	4,094.79
1/4	96.70	1/4	367.20	1/4	725.88	1/4	1,144.22	1/4	1,604.32	1/4	2,092.55	1/4	2,597.28	1/4	3,107.83	1/4	3,613.85	1/4	4,104.77
1/2	101.14	1/2	373.92	1/2	734.07	1/2	1,153.44	1/2	1,614.25	1/2	2,102.94	1/2	2,607.89	1/2	3,118.45	1/2	3,624.26	1/2	4,114.75
3/4	105.58	3/4	380.64	3/4	742.26	3/4	1,162.66	3/4	1,624.18	3/4	2,113.33	3/4	2,618.51	3/4	3,129.07	3/4	3,634.68	3/4	4,124.73
9	110.02	9	387.36	9	750.45	9	1,171.88	9	1,634.12	9	2,123.71	9	2,629.12	9	3,139.69	9	3,645.10	9	4,134.71
1/4	114.71	1/4	394.23	1/4	758.74	1/4	1,181.17	1/4	1,644.10	1/4	2,134.13	1/4	2,639.74	1/4	3,150.31	1/4	3,655.49	1/4	4,144.64
1/2	119.39	1/2	401.10	1/2	767.04	1/2	1,190.46	1/2	1,654.08	1/2	2,144.55	1/2	2,650.37	1/2	3,160.93	1/2	3,665.88	1/2	4,154.57
3/4	124.08	3/4	407.96	3/4	775.33	3/4	1,199.76	3/4	1,664.07	3/4	2,154.96	3/4	2,660.99	3/4	3,171.55	3/4	3,676.27	3/4	4,164.50
10	128.76	10	414.83	10	783.62	10	1,209.05	10	1,674.05	10	2,165.38	10	2,671.62	10	3,182.17	10	3,686.67	10	4,174.43
1/4	133.68	1/4	421.84	1/4	792.01	1/4	1,218.40	1/4	1,684.07	1/4	2,175.83	1/4	2,682.25	1/4	3,192.77	1/4	3,697.02	1/4	4,184.32
1/2	138.60	1/2	428.85	1/2	800.40	1/2	1,227.76	1/2	1,694.10	1/2	2,186.27	1/2	2,692.88	1/2	3,203.37	1/2	3,707.38	1/2	4,194.20
3/4	143.51	3/4	435.85	3/4	808.80	3/4	1,237.12	3/4	1,704.12	3/4	2,196.72	3/4	2,703.51	3/4	3,213.97	3/4	3,717.74	3/4	4,204.09
11	148.43	11	442.86	11	817.19	11	1,246.48	11	1,714.14	11	2,207.17	11	2,714.14	11	3,224.57	11	3,728.10	11	4,213.98
1/4	153.57	1/4	450.01	1/4	825.67	1/4	1,255.90	1/4	1,724.21	1/4	2,217.63	1/4	2,724.78	1/4	3,235.17	1/4	3,738.42	1/4	4,223.81
1/2	158.70	1/2	457.15	1/2	834.15	1/2	1,265.33	1/2	1,734.29	1/2	2,228.10	1/2	2,735.42	1/2	3,245.76	1/2	3,748.75	1/2	4,233.64
3/4	163.84	3/4	464.30	3/4	842.64	3/4	1,274.76	3/4	1,744.36	3/4	2,238.56	3/4	2,746.05	3/4	3,256.36	3/4	3,759.08	3/4	4,243.48

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 17800"

STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 515"

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	4,253.31	0	4,706.71	0	5,115.43	0	5,460.33	0	5,708.83	0		0		0		0		0	
1/4	4,263.09	1/4	4,715.71	1/4	5,123.30	1/4	5,466.59	1/4	5,712.42	1/4		1/4		1/4		1/4		1/4	
1/2	4,272.87	1/2	4,724.71	1/2	5,131.18	1/2	5,472.85	1/2	5,716.00	1/2		1/2		1/2		1/2		1/2	
3/4	4,282.65	3/4	4,733.71	3/4	5,139.05	3/4	5,479.10	3/4	5,719.58	3/4		3/4		3/4		3/4		3/4	
1	4,292.43	1	4,742.71	1	5,146.93	1	5,485.36	1	5,723.17	1		1		1		1		1	
1/4	4,302.16	1/4	4,751.63	1/4	5,154.69	1/4	5,491.45	1/4	5,726.41	1/4		1/4		1/4		1/4		1/4	
1/2	4,311.89	1/2	4,760.55	1/2	5,162.45	1/2	5,497.54	1/2	5,729.65	1/2		1/2		1/2		1/2		1/2	
3/4	4,321.63	3/4	4,769.46	3/4	5,170.21	3/4	5,503.63	3/4	5,732.90	3/4		3/4		3/4		3/4		3/4	
2	4,331.36	2	4,778.38	2	5,177.98	2	5,509.71	2	5,736.14	2		2		2		2		2	
1/4	4,341.02	1/4	4,787.21	1/4	5,185.63	1/4	5,515.63	1/4	5,739.01	1/4		1/4		1/4		1/4		1/4	
1/2	4,350.69	1/2	4,796.05	1/2	5,193.27	1/2	5,521.55	1/2	5,741.87	1/2		1/2		1/2		1/2		1/2	
3/4	4,360.36	3/4	4,804.88	3/4	5,200.92	3/4	5,527.46	3/4	5,744.73	3/4		3/4		3/4		3/4		3/4	
3	4,370.02	3	4,813.71	3	5,208.57	3	5,533.38	3	5,747.60	3		3		3		3		3	
1/4	4,379.64	1/4	4,822.47	1/4	5,216.10	1/4	5,539.11	1/4	5,750.01	1/4		1/4		1/4		1/4		1/4	
1/2	4,389.25	1/2	4,831.23	1/2	5,223.62	1/2	5,544.85	1/2	5,752.43	1/2		1/2		1/2		1/2		1/2	
3/4	4,398.86	3/4	4,839.98	3/4	5,231.14	3/4	5,550.58	3/4	5,754.85	3/4		3/4		3/4		3/4		3/4	
4	4,408.48	4	4,848.74	4	5,238.67	4	5,556.31	4	5,757.26	4		4		4		4		4	
1/4	4,418.03	1/4	4,857.40	1/4	5,246.07	1/4	5,561.85	1/4	5,759.13	1/4		1/4		1/4		1/4		1/4	
1/2	4,427.58	1/2	4,866.07	1/2	5,253.48	1/2	5,567.39	1/2	5,761.00	1/2		1/2		1/2		1/2		1/2	
3/4	4,437.14	3/4	4,874.74	3/4	5,260.88	3/4	5,572.93	3/4	5,762.87	3/4		3/4		3/4		3/4		3/4	
5	4,446.69	5	4,883.40	5	5,268.29	5	5,578.48	5	5,764.74	5		5		5		5		5	
1/4	4,456.18	1/4	4,891.98	1/4	5,275.56	1/4	5,583.82	1/4	5,765.76	1/4		1/4		1/4		1/4		1/4	
1/2	4,465.67	1/2	4,900.55	1/2	5,282.83	1/2	5,589.17	1/2	5,766.79	1/2		1/2		1/2		1/2		1/2	
3/4	4,475.15	3/4	4,909.12	3/4	5,290.11	3/4	5,594.51	3/4	5,767.81	3/4		3/4		3/4		3/4		3/4	
6	4,484.64	6	4,917.69	6	5,297.38	6	5,599.86	6	5,768.83	6		6		6		6		6	
1/4	4,494.07	1/4	4,926.18	1/4	5,304.52	1/4	5,604.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,503.50	1/2	4,934.67	1/2	5,311.67	1/2	5,610.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,512.93	3/4	4,943.15	3/4	5,318.81	3/4	5,615.27	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,522.36	7	4,951.64	7	5,325.95	7	5,620.40	7		7		7		7		7		7	
1/4	4,531.71	1/4	4,960.03	1/4	5,332.96	1/4	5,625.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,541.07	1/2	4,968.42	1/2	5,339.98	1/2	5,630.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,550.43	3/4	4,976.80	3/4	5,346.99	3/4	5,635.15	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,559.79	8	4,985.19	8	5,354.00	8	5,640.07	8		8		8		8		8		8	
1/4	4,569.08	1/4	4,993.48	1/4	5,360.87	1/4	5,644.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,578.37	1/2	5,001.77	1/2	5,367.74	1/2	5,649.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,587.66	3/4	5,010.07	3/4	5,374.61	3/4	5,654.13	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,596.95	9	5,018.36	9	5,381.48	9	5,658.81	9		9		9		9		9		9	
1/4	4,606.17	1/4	5,026.55	1/4	5,388.20	1/4	5,663.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,615.39	1/2	5,034.75	1/2	5,394.92	1/2	5,667.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,624.61	3/4	5,042.95	3/4	5,401.64	3/4	5,672.11	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,633.83	10	5,051.14	10	5,408.36	10	5,676.55	10		10		10		10		10		10	
1/4	4,642.98	1/4	5,059.23	1/4	5,414.93	1/4	5,680.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,652.13	1/2	5,067.32	1/2	5,421.51	1/2	5,684.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,661.28	3/4	5,075.41	3/4	5,428.09	3/4	5,689.08	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,670.43	11	5,083.50	11	5,434.67	11	5,693.26	11		11		11		11		11		11	
1/4	4,679.50	1/4	5,091.48	1/4	5,441.08	1/4	5,697.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,688.57	1/2	5,099.46	1/2	5,447.50	1/2	5,701.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,697.64	3/4	5,107.45	3/4	5,453.92	3/4	5,704.94	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/1978 EWS
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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