



# BARGE "KIRBY 18601"

ULLAGE TRIM TABLE

FORMERLY "KEX 1901"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
1 STBD	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
2 CNTR	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-0/8	- 02-0/8
3 CNTR	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-0/8	- 02-0/8
4 PORT	00-3/4	- 00-3/4	01-3/8	- 01-3/8	02-1/8	- 02-1/8	02-3/4	- 02-3/4	03-1/2	- 03-1/2	04-1/4	- 04-1/4
4 STBD	00-3/4	- 00-3/4	01-3/8	- 01-3/8	02-1/8	- 02-1/8	02-3/4	- 02-3/4	03-1/2	- 03-1/2	04-1/4	- 04-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-5/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 146'-00"

October 13, 2023

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "KIRBY 18601"

# 1 PORT ULLAGE TABLE

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

FORMERLY "KEX 1901"

GAUGE HEIGHT 16'-05 1/4"

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	
0	1,025.90	0	866.37	0	706.85	0	547.32	0	387.79	0	228.26	0	68.73	0		0		0	
1/4	1,022.58	1/4	863.05	1/4	703.53	1/4	544.00	1/4	384.47	1/4	224.94	1/4	65.41	1/4	1/4		1/4	1/4	1/4
1/2	1,019.26	1/2	859.73	1/2	700.20	1/2	540.67	1/2	381.14	1/2	221.62	1/2	62.09	1/2	1/2		1/2	1/2	1/2
3/4	1,015.93	3/4	856.40	3/4	696.88	3/4	537.35	3/4	377.82	3/4	218.29	3/4	58.76	3/4	3/4		3/4	3/4	3/4
1	1,012.61	1	853.08	1	693.55	1	534.02	1	374.49	1	214.97	1	55.44	1		1		1	
1/4	1,009.29	1/4	849.76	1/4	690.23	1/4	530.70	1/4	371.17	1/4	211.65	1/4	52.12	1/4	1/4		1/4	1/4	1/4
1/2	1,005.96	1/2	846.44	1/2	686.91	1/2	527.38	1/2	367.85	1/2	208.32	1/2	48.83	1/2	1/2		1/2	1/2	1/2
3/4	1,002.64	3/4	843.11	3/4	683.58	3/4	524.05	3/4	364.52	3/4	205.00	3/4	45.54	3/4	3/4		3/4	3/4	3/4
2	999.31	2	839.79	2	680.26	2	520.73	2	361.20	2	201.67	2	42.25	2		2		2	
1/4	995.99	1/4	836.47	1/4	676.94	1/4	517.41	1/4	357.88	1/4	198.35	1/4	38.96	1/4	1/4		1/4	1/4	1/4
1/2	992.67	1/2	833.14	1/2	673.61	1/2	514.08	1/2	354.56	1/2	195.03	1/2	35.98	1/2	1/2		1/2	1/2	1/2
3/4	989.34	3/4	829.82	3/4	670.29	3/4	510.76	3/4	351.23	3/4	191.70	3/4	33.00	3/4	3/4		3/4	3/4	3/4
3	986.02	3	826.49	3	666.96	3	507.43	3	347.91	3	188.38	3	30.03	3		3		3	
1/4	982.70	1/4	823.17	1/4	663.64	1/4	504.11	1/4	344.59	1/4	185.06	1/4	27.05	1/4	1/4		1/4	1/4	1/4
1/2	979.38	1/2	819.85	1/2	660.32	1/2	500.79	1/2	341.26	1/2	181.73	1/2	24.63	1/2	1/2		1/2	1/2	1/2
3/4	976.05	3/4	816.52	3/4	656.99	3/4	497.46	3/4	337.94	3/4	178.41	3/4	22.20	3/4	3/4		3/4	3/4	3/4
4	972.73	4	813.20	4	653.67	4	494.14	4	334.61	4	175.08	4	19.78	4		4		4	
1/4	969.41	1/4	809.88	1/4	650.35	1/4	490.82	1/4	331.29	1/4	171.76	1/4	17.36	1/4	1/4		1/4	1/4	1/4
1/2	966.08	1/2	806.55	1/2	647.03	1/2	487.50	1/2	327.97	1/2	168.44	1/2	15.49	1/2	1/2		1/2	1/2	1/2
3/4	962.76	3/4	803.23	3/4	643.70	3/4	484.17	3/4	324.64	3/4	165.11	3/4	13.62	3/4	3/4		3/4	3/4	3/4
5	959.43	5	799.90	5	640.38	5	480.85	5	321.32	5	161.79	5	11.75	5		5		5	
1/4	956.11	1/4	796.58	1/4	637.06	1/4	477.53	1/4	318.00	1/4	158.47	1/4	9.88	1/4	1/4		1/4	1/4	1/4
1/2	952.79	1/2	793.26	1/2	633.73	1/2	474.20	1/2	314.67	1/2	155.15	1/2		1/2	1/2		1/2	1/2	1/2
3/4	949.46	3/4	789.93	3/4	630.41	3/4	470.88	3/4	311.35	3/4	151.82	3/4		3/4	3/4		3/4	3/4	3/4
6	946.14	6	786.61	6	627.08	6	467.55	6	308.02	6	148.50	6		6		6		6	
1/4	942.82	1/4	783.29	1/4	623.76	1/4	464.23	1/4	304.70	1/4	145.18	1/4		1/4	1/4		1/4	1/4	1/4
1/2	939.49	1/2	779.97	1/2	620.44	1/2	460.91	1/2	301.38	1/2	141.85	1/2		1/2	1/2		1/2	1/2	1/2
3/4	936.17	3/4	776.64	3/4	617.11	3/4	457.58	3/4	298.05	3/4	138.53	3/4		3/4	3/4		3/4	3/4	3/4
7	932.84	7	773.32	7	613.79	7	454.26	7	294.73	7	135.20	7		7		7		7	
1/4	929.52	1/4	770.00	1/4	610.47	1/4	450.94	1/4	291.41	1/4	131.88	1/4		1/4	1/4		1/4	1/4	1/4
1/2	926.20	1/2	766.67	1/2	607.14	1/2	447.61	1/2	288.09	1/2	128.56	1/2		1/2	1/2		1/2	1/2	1/2
3/4	922.87	3/4	763.35	3/4	603.82	3/4	444.29	3/4	284.76	3/4	125.23	3/4		3/4	3/4		3/4	3/4	3/4
8	919.55	8	760.02	8	600.49	8	440.96	8	281.44	8	121.91	8		8		8		8	
1/4	916.23	1/4	756.70	1/4	597.17	1/4	437.64	1/4	278.12	1/4	118.59	1/4		1/4	1/4		1/4	1/4	1/4
1/2	912.91	1/2	753.38	1/2	593.85	1/2	434.32	1/2	274.79	1/2	115.26	1/2		1/2	1/2		1/2	1/2	1/2
3/4	909.58	3/4	750.05	3/4	590.52	3/4	430.99	3/4	271.47	3/4	111.94	3/4		3/4	3/4		3/4	3/4	3/4
9	906.26	9	746.73	9	587.20	9	427.67	9	268.14	9	108.61	9		9		9		9	
1/4	902.94	1/4	743.41	1/4	583.88	1/4	424.35	1/4	264.82	1/4	105.29	1/4		1/4	1/4		1/4	1/4	1/4
1/2	899.61	1/2	740.08	1/2	580.56	1/2	421.03	1/2	261.50	1/2	101.97	1/2		1/2	1/2		1/2	1/2	1/2
3/4	896.29	3/4	736.76	3/4	577.23	3/4	417.70	3/4	258.17	3/4	98.64	3/4		3/4	3/4		3/4	3/4	3/4
10	892.96	10	733.43	10	573.91	10	414.38	10	254.85	10	95.32	10		10		10		10	
1/4	889.64	1/4	730.11	1/4	570.59	1/4	411.06	1/4	251.53	1/4	92.00	1/4		1/4	1/4		1/4	1/4	1/4
1/2	886.32	1/2	726.79	1/2	567.26	1/2	407.73	1/2	248.20	1/2	88.68	1/2		1/2	1/2		1/2	1/2	1/2
3/4	882.99	3/4	723.46	3/4	563.94	3/4	404.41	3/4	244.88	3/4	85.35	3/4		3/4	3/4		3/4	3/4	3/4
11	879.67	11	720.14	11	560.61	11	401.08	11	241.55	11	82.03	11		11		11		11	
1/4	876.35	1/4	716.82	1/4	557.29	1/4	397.76	1/4	238.23	1/4	78.71	1/4		1/4	1/4		1/4	1/4	1/4
1/2	873.02	1/2	713.50	1/2	553.97	1/2	394.44	1/2	234.91	1/2	75.38	1/2		1/2	1/2		1/2	1/2	1/2
3/4	869.70	3/4	710.17	3/4	550.64	3/4	391.11	3/4	231.58	3/4	72.06	3/4		3/4	3/4		3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/1989 EWS  
DECK MEASUREMENTS: 08/11/2009 SW  
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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# BARGE "KIRBY 18601"

## 1 STBD ULLAGE TABLE

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

FORMERLY "KEX 1901"

GAUGE HEIGHT 16'-06 1/4"

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	1,037.87	0	878.26	0	718.65	0	559.04	0	399.42	0	239.81	0	80.33	0		0		0	
1/4	1,034.55	1/4	874.94	1/4	715.33	1/4	555.71	1/4	396.10	1/4	236.49	1/4	77.01	1/4		1/4		1/4	
1/2	1,031.22	1/2	871.61	1/2	712.00	1/2	552.38	1/2	392.77	1/2	233.16	1/2	73.69	1/2		1/2		1/2	
3/4	1,027.90	3/4	868.29	3/4	708.67	3/4	549.06	3/4	389.45	3/4	229.84	3/4	70.37	3/4		3/4		3/4	
1	1,024.57	1	864.96	1	705.35	1	545.73	1	386.12	1	226.51	1	67.06	1		1		1	
1/4	1,021.25	1/4	861.64	1/4	702.02	1/4	542.41	1/4	382.80	1/4	223.19	1/4	63.74	1/4		1/4		1/4	
1/2	1,017.92	1/2	858.31	1/2	698.69	1/2	539.08	1/2	379.47	1/2	219.86	1/2	60.42	1/2		1/2		1/2	
3/4	1,014.60	3/4	854.99	3/4	695.37	3/4	535.76	3/4	376.15	3/4	216.54	3/4	57.10	3/4		3/4		3/4	
2	1,011.27	2	851.66	2	692.04	2	532.43	2	372.82	2	213.21	2	53.78	2		2		2	
1/4	1,007.95	1/4	848.34	1/4	688.72	1/4	529.11	1/4	369.50	1/4	209.89	1/4	50.46	1/4		1/4		1/4	
1/2	1,004.62	1/2	845.01	1/2	685.39	1/2	525.78	1/2	366.17	1/2	206.56	1/2	47.21	1/2		1/2		1/2	
3/4	1,001.30	3/4	841.68	3/4	682.07	3/4	522.46	3/4	362.85	3/4	203.24	3/4	43.95	3/4		3/4		3/4	
3	997.97	3	838.36	3	678.74	3	519.13	3	359.52	3	199.91	3	40.70	3		3		3	
1/4	994.65	1/4	835.03	1/4	675.42	1/4	515.81	1/4	356.20	1/4	196.59	1/4	37.45	1/4		1/4		1/4	
1/2	991.32	1/2	831.70	1/2	672.09	1/2	512.48	1/2	352.87	1/2	193.26	1/2	34.54	1/2		1/2		1/2	
3/4	987.99	3/4	828.38	3/4	668.77	3/4	509.16	3/4	349.55	3/4	189.94	3/4	31.63	3/4		3/4		3/4	
4	984.67	4	825.05	4	665.44	4	505.83	4	346.22	4	186.61	4	28.73	4		4		4	
1/4	981.34	1/4	821.73	1/4	662.12	1/4	502.51	1/4	342.90	1/4	183.29	1/4	25.82	1/4		1/4		1/4	
1/2	978.01	1/2	818.40	1/2	658.79	1/2	499.18	1/2	339.57	1/2	179.96	1/2	23.46	1/2		1/2		1/2	
3/4	974.69	3/4	815.08	3/4	655.47	3/4	495.86	3/4	336.25	3/4	176.64	3/4	21.11	3/4		3/4		3/4	
5	971.36	5	811.75	5	652.14	5	492.53	5	332.92	5	173.31	5	18.75	5		5		5	
1/4	968.04	1/4	808.43	1/4	648.82	1/4	489.21	1/4	329.60	1/4	169.99	1/4	16.40	1/4		1/4		1/4	
1/2	964.71	1/2	805.10	1/2	645.49	1/2	485.88	1/2	326.27	1/2	166.66	1/2	14.60	1/2		1/2		1/2	
3/4	961.39	3/4	801.78	3/4	642.17	3/4	482.56	3/4	322.95	3/4	163.34	3/4	12.79	3/4		3/4		3/4	
6	958.06	6	798.45	6	638.84	6	479.23	6	319.62	6	160.01	6	10.99	6		6		6	
1/4	954.74	1/4	795.13	1/4	635.52	1/4	475.91	1/4	316.30	1/4	156.69	1/4	9.19	1/4		1/4		1/4	
1/2	951.41	1/2	791.80	1/2	632.19	1/2	472.58	1/2	312.97	1/2	153.36	1/2		1/2		1/2		1/2	
3/4	948.09	3/4	788.48	3/4	628.87	3/4	469.26	3/4	309.65	3/4	150.04	3/4		3/4		3/4		3/4	
7	944.76	7	785.15	7	625.54	7	465.93	7	306.32	7	146.71	7	7	7		7		7	
1/4	941.44	1/4	781.83	1/4	622.22	1/4	462.61	1/4	303.00	1/4	143.39	1/4		1/4		1/4		1/4	
1/2	938.11	1/2	778.50	1/2	618.89	1/2	459.28	1/2	299.67	1/2	140.07	1/2		1/2		1/2		1/2	
3/4	934.79	3/4	775.18	3/4	615.57	3/4	455.96	3/4	296.35	3/4	136.75	3/4		3/4		3/4		3/4	
8	931.46	8	771.85	8	612.24	8	452.63	8	293.02	8	133.43	8	8	8		8		8	
1/4	928.14	1/4	768.53	1/4	608.92	1/4	449.31	1/4	289.70	1/4	130.11	1/4		1/4		1/4		1/4	
1/2	924.81	1/2	765.20	1/2	605.59	1/2	445.98	1/2	286.37	1/2	126.79	1/2		1/2		1/2		1/2	
3/4	921.49	3/4	761.88	3/4	602.27	3/4	442.66	3/4	283.04	3/4	123.47	3/4		3/4		3/4		3/4	
9	918.16	9	758.55	9	598.94	9	439.33	9	279.72	9	120.16	9	9	9		9		9	
1/4	914.84	1/4	755.23	1/4	595.62	1/4	436.01	1/4	276.39	1/4	116.84	1/4		1/4		1/4		1/4	
1/2	911.51	1/2	751.90	1/2	592.29	1/2	432.68	1/2	273.06	1/2	113.52	1/2		1/2		1/2		1/2	
3/4	908.19	3/4	748.58	3/4	588.97	3/4	429.35	3/4	269.74	3/4	110.20	3/4		3/4		3/4		3/4	
10	904.86	10	745.25	10	585.64	10	426.03	10	266.41	10	106.88	10	10	10		10		10	
1/4	901.54	1/4	741.93	1/4	582.32	1/4	422.70	1/4	263.09	1/4	103.56	1/4		1/4		1/4		1/4	
1/2	898.21	1/2	738.60	1/2	578.99	1/2	419.37	1/2	259.76	1/2	100.24	1/2		1/2		1/2		1/2	
3/4	894.89	3/4	735.28	3/4	575.67	3/4	416.05	3/4	256.44	3/4	96.92	3/4		3/4		3/4		3/4	
11	891.56	11	731.95	11	572.34	11	412.72	11	253.11	11	93.61	11	11	11		11		11	
1/4	888.24	1/4	728.63	1/4	569.02	1/4	409.40	1/4	249.79	1/4	90.29	1/4		1/4		1/4		1/4	
1/2	884.91	1/2	725.30	1/2	565.69	1/2	406.07	1/2	246.46	1/2	86.97	1/2		1/2		1/2		1/2	
3/4	881.59	3/4	721.98	3/4	562.36	3/4	402.75	3/4	243.14	3/4	83.65	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/1989 EWS  
DECK MEASUREMENTS: 08/11/2009 SW  
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2023

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





# BARGE "KIRBY 18601"

## 2 CENTER ULLAGE TABLE

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

FORMERLY "KEX 1901"

GAUGE HEIGHT 16'-10 3/8"

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	
0	2,092.73	0	1,777.37	0	1,462.02	0	1,146.66	0	831.30	0	515.95	0	200.76	0		0		0	
1/4	2,086.16	1/4	1,770.80	1/4	1,455.45	1/4	1,140.09	1/4	824.73	1/4	509.38	1/4	194.20	1/4		1/4		1/4	
1/2	2,079.59	1/2	1,764.23	1/2	1,448.88	1/2	1,133.52	1/2	818.16	1/2	502.81	1/2	187.64	1/2		1/2		1/2	
3/4	2,073.02	3/4	1,757.67	3/4	1,442.31	3/4	1,126.95	3/4	811.59	3/4	496.24	3/4	181.09	3/4		3/4		3/4	
1	2,066.45	1	1,751.10	1	1,435.74	1	1,120.38	1	805.02	1	489.67	1	174.53	1		1		1	
1/4	2,059.88	1/4	1,744.53	1/4	1,429.17	1/4	1,113.81	1/4	798.45	1/4	483.10	1/4	167.97	1/4		1/4		1/4	
1/2	2,053.31	1/2	1,737.96	1/2	1,422.60	1/2	1,107.24	1/2	791.88	1/2	476.53	1/2	161.41	1/2		1/2		1/2	
3/4	2,046.74	3/4	1,731.39	3/4	1,416.03	3/4	1,100.67	3/4	785.31	3/4	469.96	3/4	154.86	3/4		3/4		3/4	
2	2,040.17	2	1,724.82	2	1,409.46	2	1,094.10	2	778.74	2	463.39	2	148.30	2		2		2	
1/4	2,033.60	1/4	1,718.25	1/4	1,402.89	1/4	1,087.53	1/4	772.17	1/4	456.82	1/4	141.74	1/4		1/4		1/4	
1/2	2,027.03	1/2	1,711.68	1/2	1,396.32	1/2	1,080.96	1/2	765.60	1/2	450.25	1/2	135.18	1/2		1/2		1/2	
3/4	2,020.46	3/4	1,705.11	3/4	1,389.75	3/4	1,074.39	3/4	759.03	3/4	443.68	3/4	128.63	3/4		3/4		3/4	
3	2,013.89	3	1,698.54	3	1,383.18	3	1,067.82	3	752.46	3	437.11	3	122.07	3		3		3	
1/4	2,007.32	1/4	1,691.97	1/4	1,376.61	1/4	1,061.25	1/4	745.89	1/4	430.54	1/4	115.51	1/4		1/4		1/4	
1/2	2,000.75	1/2	1,685.40	1/2	1,370.04	1/2	1,054.68	1/2	739.32	1/2	423.97	1/2	108.95	1/2		1/2		1/2	
3/4	1,994.18	3/4	1,678.83	3/4	1,363.47	3/4	1,048.11	3/4	732.75	3/4	417.40	3/4	102.40	3/4		3/4		3/4	
4	1,987.61	4	1,672.26	4	1,356.90	4	1,041.54	4	726.18	4	410.83	4	95.84	4		4		4	
1/4	1,981.04	1/4	1,665.69	1/4	1,350.33	1/4	1,034.97	1/4	719.61	1/4	404.26	1/4	89.37	1/4		1/4		1/4	
1/2	1,974.47	1/2	1,659.12	1/2	1,343.76	1/2	1,028.40	1/2	713.04	1/2	397.69	1/2	83.07	1/2		1/2		1/2	
3/4	1,967.90	3/4	1,652.55	3/4	1,337.19	3/4	1,021.83	3/4	706.47	3/4	391.12	3/4	76.87	3/4		3/4		3/4	
5	1,961.33	5	1,645.98	5	1,330.62	5	1,015.26	5	699.90	5	384.55	5	70.66	5		5		5	
1/4	1,954.76	1/4	1,639.41	1/4	1,324.05	1/4	1,008.69	1/4	693.33	1/4	377.98	1/4	64.67	1/4		1/4		1/4	
1/2	1,948.19	1/2	1,632.84	1/2	1,317.48	1/2	1,002.12	1/2	686.76	1/2	371.41	1/2	59.13	1/2		1/2		1/2	
3/4	1,941.62	3/4	1,626.27	3/4	1,310.91	3/4	995.55	3/4	680.19	3/4	364.84	3/4	53.81	3/4		3/4		3/4	
6	1,935.05	6	1,619.70	6	1,304.34	6	988.98	6	673.62	6	358.27	6	48.49	6		6		6	
1/4	1,928.48	1/4	1,613.13	1/4	1,297.77	1/4	982.41	1/4	667.05	1/4	351.70	1/4	43.44	1/4		1/4		1/4	
1/2	1,921.91	1/2	1,606.56	1/2	1,291.20	1/2	975.84	1/2	660.48	1/2	345.13	1/2	38.93	1/2		1/2		1/2	
3/4	1,915.34	3/4	1,599.99	3/4	1,284.63	3/4	969.27	3/4	653.91	3/4	338.56	3/4	34.69	3/4		3/4		3/4	
7	1,908.77	7	1,593.42	7	1,278.06	7	962.70	7	647.34	7	331.99	7	30.44	7		7		7	
1/4	1,902.20	1/4	1,586.85	1/4	1,271.49	1/4	956.13	1/4	640.77	1/4	325.42	1/4	26.47	1/4		1/4		1/4	
1/2	1,895.63	1/2	1,580.28	1/2	1,264.92	1/2	949.56	1/2	634.20	1/2	318.85	1/2	23.05	1/2		1/2		1/2	
3/4	1,889.06	3/4	1,573.71	3/4	1,258.35	3/4	942.99	3/4	627.64	3/4	312.28	3/4	19.91	3/4		3/4		3/4	
8	1,882.49	8	1,567.14	8	1,251.78	8	936.42	8	621.07	8	305.71	8	16.76	8		8		8	
1/4	1,875.92	1/4	1,560.57	1/4	1,245.21	1/4	929.85	1/4	614.50	1/4	299.14	1/4	13.89	1/4		1/4		1/4	
1/2	1,869.35	1/2	1,554.00	1/2	1,238.64	1/2	923.28	1/2	607.93	1/2	292.58	1/2	11.56	1/2		1/2		1/2	
3/4	1,862.78	3/4	1,547.43	3/4	1,232.07	3/4	916.71	3/4	601.36	3/4	286.02	3/4	9.50	3/4		3/4		3/4	
9	1,856.21	9	1,540.86	9	1,225.50	9	910.14	9	594.79	9	279.45	9	7.45	9		9		9	
1/4	1,849.64	1/4	1,534.29	1/4	1,218.93	1/4	903.57	1/4	588.22	1/4	272.89	1/4	5.67	1/4		1/4		1/4	
1/2	1,843.07	1/2	1,527.72	1/2	1,212.36	1/2	897.00	1/2	581.65	1/2	266.33	1/2	4.45	1/2		1/2		1/2	
3/4	1,836.50	3/4	1,521.15	3/4	1,205.79	3/4	890.43	3/4	575.08	3/4	259.78	3/4	3.51	3/4		3/4		3/4	
10	1,829.93	10	1,514.58	10	1,199.22	10	883.86	10	568.51	10	253.22	10	2.56	10		10		10	
1/4	1,823.36	1/4	1,508.01	1/4	1,192.65	1/4	877.29	1/4	561.94	1/4	246.66	1/4	1.62	1/4		1/4		1/4	
1/2	1,816.79	1/2	1,501.44	1/2	1,186.08	1/2	870.72	1/2	555.37	1/2	240.10	1/2	1.15	1/2		1/2		1/2	
3/4	1,810.22	3/4	1,494.87	3/4	1,179.51	3/4	864.15	3/4	548.80	3/4	233.55	3/4		3/4		3/4		3/4	
11	1,803.65	11	1,488.30	11	1,172.94	11	857.58	11	542.23	11	226.99	11		11		11		11	
1/4	1,797.08	1/4	1,481.73	1/4	1,166.37	1/4	851.01	1/4	535.66	1/4	220.43	1/4		1/4		1/4		1/4	
1/2	1,790.51	1/2	1,475.16	1/2	1,159.80	1/2	844.44	1/2	529.09	1/2	213.87	1/2		1/2		1/2		1/2	
3/4	1,783.94	3/4	1,468.59	3/4	1,153.23	3/4	837.87	3/4	522.52	3/4	207.32	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/1989 EWS  
DECK MEASUREMENTS: 08/11/2009 SW  
VERIFIED: 10/13/2023 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2023

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







# BARGE "KIRBY 18601"

## 3 CENTER ULLAGE TABLE

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

FORMERLY "KEX 1901"

GAUGE HEIGHT 16'-10 3/8"

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	
0	2,087.93	0	1,773.29	0	1,458.66	0	1,144.03	0	829.40	0	514.77	0	200.30	0		0		0	
1/4	2,081.37	1/4	1,766.73	1/4	1,452.10	1/4	1,137.47	1/4	822.84	1/4	508.21	1/4	193.76	1/4		1/4		1/4	
1/2	2,074.82	1/2	1,760.18	1/2	1,445.55	1/2	1,130.91	1/2	816.29	1/2	501.66	1/2	187.22	1/2		1/2		1/2	
3/4	2,068.26	3/4	1,753.63	3/4	1,438.99	3/4	1,124.35	3/4	809.73	3/4	495.10	3/4	180.68	3/4		3/4		3/4	
1	2,061.71	1	1,747.07	1	1,432.44	1	1,117.79	1	803.18	1	488.55	1	174.13	1		1		1	
1/4	2,055.15	1/4	1,740.52	1/4	1,425.88	1/4	1,111.23	1/4	796.62	1/4	481.99	1/4	167.59	1/4		1/4		1/4	
1/2	2,048.60	1/2	1,733.97	1/2	1,419.33	1/2	1,104.68	1/2	790.07	1/2	475.44	1/2	161.05	1/2		1/2		1/2	
3/4	2,042.04	3/4	1,727.41	3/4	1,412.77	3/4	1,098.13	3/4	783.51	3/4	468.88	3/4	154.51	3/4		3/4		3/4	
2	2,035.49	2	1,720.86	2	1,406.22	2	1,091.58	2	776.96	2	462.33	2	147.96	2		2		2	
1/4	2,028.93	1/4	1,714.30	1/4	1,399.66	1/4	1,085.03	1/4	770.40	1/4	455.77	1/4	141.42	1/4		1/4		1/4	
1/2	2,022.38	1/2	1,707.75	1/2	1,393.11	1/2	1,078.48	1/2	763.85	1/2	449.22	1/2	134.88	1/2		1/2		1/2	
3/4	2,015.82	3/4	1,701.19	3/4	1,386.56	3/4	1,071.92	3/4	757.29	3/4	442.66	3/4	128.34	3/4		3/4		3/4	
3	2,009.27	3	1,694.64	3	1,380.00	3	1,065.37	3	750.74	3	436.11	3	121.79	3		3		3	
1/4	2,002.71	1/4	1,688.08	1/4	1,373.45	1/4	1,058.81	1/4	744.18	1/4	429.55	1/4	115.25	1/4		1/4		1/4	
1/2	1,996.16	1/2	1,681.53	1/2	1,366.90	1/2	1,052.26	1/2	737.63	1/2	423.00	1/2	108.71	1/2		1/2		1/2	
3/4	1,989.60	3/4	1,674.97	3/4	1,360.34	3/4	1,045.70	3/4	731.07	3/4	416.44	3/4	102.17	3/4		3/4		3/4	
4	1,983.05	4	1,668.42	4	1,353.79	4	1,039.15	4	724.52	4	409.89	4	95.62	4		4		4	
1/4	1,976.49	1/4	1,661.86	1/4	1,347.23	1/4	1,032.59	1/4	717.96	1/4	403.33	1/4	89.17	1/4		1/4		1/4	
1/2	1,969.94	1/2	1,655.31	1/2	1,340.68	1/2	1,026.04	1/2	711.41	1/2	396.78	1/2	82.89	1/2		1/2		1/2	
3/4	1,963.38	3/4	1,648.75	3/4	1,334.12	3/4	1,019.49	3/4	704.85	3/4	390.22	3/4	76.70	3/4		3/4		3/4	
5	1,956.83	5	1,642.20	5	1,327.57	5	1,012.93	5	698.30	5	383.67	5	70.50	5		5		5	
1/4	1,950.27	1/4	1,635.64	1/4	1,321.01	1/4	1,006.38	1/4	691.74	1/4	377.11	1/4	64.53	1/4		1/4		1/4	
1/2	1,943.72	1/2	1,629.09	1/2	1,314.46	1/2	999.83	1/2	685.19	1/2	370.56	1/2	59.00	1/2		1/2		1/2	
3/4	1,937.16	3/4	1,622.53	3/4	1,307.90	3/4	993.27	3/4	678.63	3/4	364.00	3/4	53.69	3/4		3/4		3/4	
6	1,930.61	6	1,615.98	6	1,301.35	6	986.72	6	672.08	6	357.45	6	48.38	6		6		6	
1/4	1,924.05	1/4	1,609.42	1/4	1,294.79	1/4	980.16	1/4	665.52	1/4	350.89	1/4	43.34	1/4		1/4		1/4	
1/2	1,917.50	1/2	1,602.87	1/2	1,288.24	1/2	973.61	1/2	658.97	1/2	344.34	1/2	38.84	1/2		1/2		1/2	
3/4	1,910.94	3/4	1,596.31	3/4	1,281.68	3/4	967.05	3/4	652.42	3/4	337.78	3/4	34.60	3/4		3/4		3/4	
7	1,904.39	7	1,589.76	7	1,275.13	7	960.50	7	645.86	7	331.23	7	30.37	7		7		7	
1/4	1,897.83	1/4	1,583.20	1/4	1,268.57	1/4	953.94	1/4	639.31	1/4	324.67	1/4	26.41	1/4		1/4		1/4	
1/2	1,891.28	1/2	1,576.65	1/2	1,262.02	1/2	947.39	1/2	632.76	1/2	318.12	1/2	23.00	1/2		1/2		1/2	
3/4	1,884.72	3/4	1,570.09	3/4	1,255.46	3/4	940.83	3/4	626.20	3/4	311.56	3/4	19.86	3/4		3/4		3/4	
8	1,878.17	8	1,563.54	8	1,248.91	8	934.28	8	619.65	8	305.01	8	16.72	8		8		8	
1/4	1,871.61	1/4	1,556.98	1/4	1,242.35	1/4	927.72	1/4	613.09	1/4	298.45	1/4	13.85	1/4		1/4		1/4	
1/2	1,865.06	1/2	1,550.43	1/2	1,235.80	1/2	921.17	1/2	606.54	1/2	291.91	1/2	11.53	1/2		1/2		1/2	
3/4	1,858.50	3/4	1,543.87	3/4	1,229.24	3/4	914.61	3/4	599.98	3/4	285.36	3/4	9.48	3/4		3/4		3/4	
9	1,851.95	9	1,537.32	9	1,222.69	9	908.06	9	593.43	9	278.82	9	7.43	9		9		9	
1/4	1,845.39	1/4	1,530.76	1/4	1,216.13	1/4	901.50	1/4	586.87	1/4	272.27	1/4	5.66	1/4		1/4		1/4	
1/2	1,838.84	1/2	1,524.21	1/2	1,209.58	1/2	894.95	1/2	580.32	1/2	265.73	1/2	4.44	1/2		1/2		1/2	
3/4	1,832.28	3/4	1,517.65	3/4	1,203.02	3/4	888.39	3/4	573.76	3/4	259.19	3/4	3.50	3/4		3/4		3/4	
10	1,825.73	10	1,511.10	10	1,196.47	10	881.84	10	567.21	10	252.64	10	2.56	10		10		10	
1/4	1,819.17	1/4	1,504.54	1/4	1,189.91	1/4	875.28	1/4	560.65	1/4	246.10	1/4	1.62	1/4		1/4		1/4	
1/2	1,812.62	1/2	1,497.99	1/2	1,183.36	1/2	868.73	1/2	554.10	1/2	239.56	1/2	1.15	1/2		1/2		1/2	
3/4	1,806.06	3/4	1,491.43	3/4	1,176.80	3/4	862.17	3/4	547.54	3/4	233.02	3/4		3/4		3/4		3/4	
11	1,799.51	11	1,484.88	11	1,170.25	11	855.62	11	540.99	11	226.47	11		11		11		11	
1/4	1,792.95	1/4	1,478.32	1/4	1,163.69	1/4	849.06	1/4	534.43	1/4	219.93	1/4		1/4		1/4		1/4	
1/2	1,786.40	1/2	1,471.77	1/2	1,157.14	1/2	842.51	1/2	527.88	1/2	213.39	1/2		1/2		1/2		1/2	
3/4	1,779.84	3/4	1,465.21	3/4	1,150.58	3/4	835.95	3/4	521.32	3/4	206.85	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/1989 EWS  
DECK MEASUREMENTS: 08/11/2009 SW  
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2023

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





# BARGE "KIRBY 18601"

## 4 PORT ULLAGE TABLE

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

FORMERLY "KEX 1901"

GAUGE HEIGHT 16'-05 7/8"

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	
0	1,210.62	0	1,023.83	0	837.04	0	650.25	0	463.46	0	276.66	0	90.02	0		0		0	
1/4	1,206.73	1/4	1,019.93	1/4	833.14	1/4	646.35	1/4	459.56	1/4	272.77	1/4	86.14	1/4		1/4		1/4	
1/2	1,202.84	1/2	1,016.04	1/2	829.25	1/2	642.46	1/2	455.67	1/2	268.88	1/2	82.25	1/2		1/2		1/2	
3/4	1,198.95	3/4	1,012.15	3/4	825.36	3/4	638.57	3/4	451.78	3/4	264.99	3/4	78.37	3/4		3/4		3/4	
1	1,195.06	1	1,008.26	1	821.47	1	634.68	1	447.89	1	261.10	1	74.49	1		1		1	
1/4	1,191.16	1/4	1,004.37	1/4	817.58	1/4	630.79	1/4	443.99	1/4	257.20	1/4	70.60	1/4		1/4		1/4	
1/2	1,187.27	1/2	1,000.48	1/2	813.69	1/2	626.90	1/2	440.10	1/2	253.31	1/2	66.72	1/2		1/2		1/2	
3/4	1,183.38	3/4	996.59	3/4	809.80	3/4	623.01	3/4	436.21	3/4	249.42	3/4	62.85	3/4		3/4		3/4	
2	1,179.49	2	992.70	2	805.91	2	619.12	2	432.32	2	245.53	2	58.99	2		2		2	
1/4	1,175.59	1/4	988.80	1/4	802.01	1/4	615.22	1/4	428.43	1/4	241.64	1/4	55.14	1/4		1/4		1/4	
1/2	1,171.70	1/2	984.91	1/2	798.12	1/2	611.33	1/2	424.54	1/2	237.75	1/2	51.29	1/2		1/2		1/2	
3/4	1,167.81	3/4	981.02	3/4	794.23	3/4	607.44	3/4	420.65	3/4	233.86	3/4	47.52	3/4		3/4		3/4	
3	1,163.92	3	977.13	3	790.34	3	603.55	3	416.76	3	229.97	3	43.91	3		3		3	
1/4	1,160.03	1/4	973.24	1/4	786.44	1/4	599.65	1/4	412.86	1/4	226.07	1/4	40.37	1/4		1/4		1/4	
1/2	1,156.14	1/2	969.35	1/2	782.55	1/2	595.76	1/2	408.97	1/2	222.18	1/2	36.84	1/2		1/2		1/2	
3/4	1,152.25	3/4	965.46	3/4	778.66	3/4	591.87	3/4	405.08	3/4	218.29	3/4	33.46	3/4		3/4		3/4	
4	1,148.36	4	961.57	4	774.77	4	587.98	4	401.19	4	214.40	4	30.39	4		4		4	
1/4	1,144.46	1/4	957.67	1/4	770.88	1/4	584.09	1/4	397.30	1/4	210.50	1/4	27.47	1/4		1/4		1/4	
1/2	1,140.57	1/2	953.78	1/2	766.99	1/2	580.20	1/2	393.41	1/2	206.61	1/2	24.56	1/2		1/2		1/2	
3/4	1,136.68	3/4	949.89	3/4	763.10	3/4	576.31	3/4	389.52	3/4	202.72	3/4	21.80	3/4		3/4		3/4	
5	1,132.79	5	946.00	5	759.21	5	572.42	5	385.63	5	198.83	5	19.38	5		5		5	
1/4	1,128.90	1/4	942.10	1/4	755.31	1/4	568.52	1/4	381.73	1/4	194.94	1/4	17.12	1/4		1/4		1/4	
1/2	1,125.01	1/2	938.21	1/2	751.42	1/2	564.63	1/2	377.84	1/2	191.05	1/2	14.86	1/2		1/2		1/2	
3/4	1,121.12	3/4	934.32	3/4	747.53	3/4	560.74	3/4	373.95	3/4	187.16	3/4	12.60	3/4		3/4		3/4	
6	1,117.23	6	930.43	6	743.64	6	556.85	6	370.06	6	183.27	578	11.47	6		6		6	
1/4	1,113.33	1/4	926.54	1/4	739.75	1/4	552.96	1/4	366.16	1/4	179.38	1/4		1/4		1/4		1/4	
1/2	1,109.44	1/2	922.65	1/2	735.86	1/2	549.07	1/2	362.27	1/2	175.49	1/2		1/2		1/2		1/2	
3/4	1,105.55	3/4	918.76	3/4	731.97	3/4	545.18	3/4	358.38	3/4	171.60	3/4		3/4		3/4		3/4	
7	1,101.66	7	914.87	7	728.08	7	541.29	7	354.49	7	167.71	7		7		7		7	
1/4	1,097.76	1/4	910.97	1/4	724.18	1/4	537.39	1/4	350.60	1/4	163.83	1/4		1/4		1/4		1/4	
1/2	1,093.87	1/2	907.08	1/2	720.29	1/2	533.50	1/2	346.71	1/2	159.94	1/2		1/2		1/2		1/2	
3/4	1,089.98	3/4	903.19	3/4	716.40	3/4	529.61	3/4	342.82	3/4	156.06	3/4		3/4		3/4		3/4	
8	1,086.09	8	899.30	8	712.51	8	525.72	8	338.93	8	152.17	8		8		8		8	
1/4	1,082.20	1/4	895.41	1/4	708.62	1/4	521.82	1/4	335.03	1/4	148.29	1/4		1/4		1/4		1/4	
1/2	1,078.31	1/2	891.52	1/2	704.73	1/2	517.93	1/2	331.14	1/2	144.40	1/2		1/2		1/2		1/2	
3/4	1,074.42	3/4	887.63	3/4	700.84	3/4	514.04	3/4	327.25	3/4	140.52	3/4		3/4		3/4		3/4	
9	1,070.53	9	883.74	9	696.95	9	510.15	9	323.36	9	136.63	9		9		9		9	
1/4	1,066.63	1/4	879.84	1/4	693.05	1/4	506.26	1/4	319.47	1/4	132.75	1/4		1/4		1/4		1/4	
1/2	1,062.74	1/2	875.95	1/2	689.16	1/2	502.37	1/2	315.58	1/2	128.86	1/2		1/2		1/2		1/2	
3/4	1,058.85	3/4	872.06	3/4	685.27	3/4	498.48	3/4	311.69	3/4	124.98	3/4		3/4		3/4		3/4	
10	1,054.96	10	868.17	10	681.38	10	494.59	10	307.80	10	121.10	10		10		10		10	
1/4	1,051.07	1/4	864.27	1/4	677.48	1/4	490.69	1/4	303.90	1/4	117.21	1/4		1/4		1/4		1/4	
1/2	1,047.18	1/2	860.38	1/2	673.59	1/2	486.80	1/2	300.01	1/2	113.33	1/2		1/2		1/2		1/2	
3/4	1,043.29	3/4	856.49	3/4	669.70	3/4	482.91	3/4	296.12	3/4	109.45	3/4		3/4		3/4		3/4	
11	1,039.40	11	852.60	11	665.81	11	479.02	11	292.23	11	105.56	11		11		11		11	
1/4	1,035.50	1/4	848.71	1/4	661.92	1/4	475.13	1/4	288.33	1/4	101.68	1/4		1/4		1/4		1/4	
1/2	1,031.61	1/2	844.82	1/2	658.03	1/2	471.24	1/2	284.44	1/2	97.79	1/2		1/2		1/2		1/2	
3/4	1,027.72	3/4	840.93	3/4	654.14	3/4	467.35	3/4	280.55	3/4	93.91	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/1989 EWS  
DECK MEASUREMENTS: 08/11/2009 SW  
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2023

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



BARGE "KIRBY 18601"

4 STBD
ULLAGE TABLE

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

FORMERLY "KEX 1901"

GAUGE HEIGHT 16'-05 7/8"

Table with 18 columns (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.) and 100 rows of capacity data.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 32'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "KIRBY 18601"

## 4 STBD ULLAGE TABLE

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

FORMERLY "KEX 1901"

GAUGE HEIGHT 16'-05 7/8"

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	1,209.70	0	1,022.74	0	835.80	0	648.84	0	461.90	0	274.96	0	88.16	0		0		0	
1/4	1,205.80	1/4	1,018.85	1/4	831.90	1/4	644.95	1/4	458.01	1/4	271.06	1/4	84.28	1/4	1/4	1/4		1/4	1/4
1/2	1,201.91	1/2	1,014.95	1/2	828.01	1/2	641.05	1/2	454.11	1/2	267.17	1/2	80.39	1/2	1/2	1/2		1/2	1/2
3/4	1,198.01	3/4	1,011.06	3/4	824.11	3/4	637.16	3/4	450.22	3/4	263.27	3/4	76.50	3/4	3/4	3/4		3/4	3/4
1	1,194.12	1	1,007.16	1	820.22	1	633.27	1	446.32	1	259.38	1	72.61	1		1		1	1
1/4	1,190.22	1/4	1,003.27	1/4	816.32	1/4	629.38	1/4	442.43	1/4	255.48	1/4	68.73	1/4	1/4	1/4		1/4	1/4
1/2	1,186.33	1/2	999.37	1/2	812.43	1/2	625.48	1/2	438.53	1/2	251.59	1/2	64.84	1/2	1/2	1/2		1/2	1/2
3/4	1,182.43	3/4	995.48	3/4	808.53	3/4	621.59	3/4	434.64	3/4	247.69	3/4	60.97	3/4	3/4	3/4		3/4	3/4
2	1,178.54	2	991.58	2	804.64	2	617.70	2	430.74	2	243.80	2	57.13	2		2		2	2
1/4	1,174.64	1/4	987.69	1/4	800.74	1/4	613.80	1/4	426.85	1/4	239.90	1/4	53.22	1/4	1/4	1/4		1/4	1/4
1/2	1,170.75	1/2	983.79	1/2	796.85	1/2	609.91	1/2	422.95	1/2	236.01	1/2	49.50	1/2	1/2	1/2		1/2	1/2
3/4	1,166.85	3/4	979.90	3/4	792.95	3/4	606.01	3/4	419.06	3/4	232.11	3/4	45.77	3/4	3/4	3/4		3/4	3/4
3	1,162.96	3	976.00	3	789.06	3	602.12	3	415.16	3	228.22	3	42.22	3		3		3	3
1/4	1,159.06	1/4	972.11	1/4	785.17	1/4	598.22	1/4	411.27	1/4	224.32	1/4	38.76	1/4	1/4	1/4		1/4	1/4
1/2	1,155.17	1/2	968.21	1/2	781.27	1/2	594.33	1/2	407.37	1/2	220.43	1/2	35.30	1/2	1/2	1/2		1/2	1/2
3/4	1,151.27	3/4	964.32	3/4	777.38	3/4	590.43	3/4	403.48	3/4	216.53	3/4	31.99	3/4	3/4	3/4		3/4	3/4
4	1,147.38	4	960.43	4	773.48	4	586.54	4	399.58	4	212.64	4	29.00	4		4		4	4
1/4	1,143.48	1/4	956.54	1/4	769.59	1/4	582.64	1/4	395.69	1/4	208.74	1/4	26.16	1/4	1/4	1/4		1/4	1/4
1/2	1,139.59	1/2	952.64	1/2	765.69	1/2	578.75	1/2	391.79	1/2	204.85	1/2	23.32	1/2	1/2	1/2		1/2	1/2
3/4	1,135.69	3/4	948.75	3/4	761.80	3/4	574.85	3/4	387.90	3/4	200.95	3/4	20.64	3/4	3/4	3/4		3/4	3/4
5	1,131.80	5	944.86	5	757.90	5	570.96	5	384.00	5	197.06	5	18.30	5		5		5	5
1/4	1,127.90	1/4	940.96	1/4	754.01	1/4	567.06	1/4	380.11	1/4	193.16	1/4	16.12	1/4	1/4	1/4		1/4	1/4
1/2	1,124.01	1/2	937.07	1/2	750.11	1/2	563.17	1/2	376.21	1/2	189.27	1/2	13.93	1/2	1/2	1/2		1/2	1/2
3/4	1,120.11	3/4	933.17	3/4	746.22	3/4	559.27	3/4	372.32	3/4	185.37	3/4	11.75	3/4	3/4	3/4		3/4	3/4
6	1,116.22	6	929.28	6	742.32	6	555.38	6	368.42	6	181.48	578	10.66	6		6		6	6
1/4	1,112.33	1/4	925.38	1/4	738.43	1/4	551.48	1/4	364.53	1/4	177.59	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,108.43	1/2	921.49	1/2	734.53	1/2	547.59	1/2	360.63	1/2	173.69	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,104.54	3/4	917.59	3/4	730.64	3/4	543.69	3/4	356.74	3/4	169.80	3/4		3/4	3/4	3/4		3/4	3/4
7	1,100.64	7	913.70	7	726.74	7	539.80	7	352.84	7	165.91	7	7	7		7		7	7
1/4	1,096.75	1/4	909.80	1/4	722.85	1/4	535.90	1/4	348.95	1/4	162.03	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,092.85	1/2	905.91	1/2	718.95	1/2	532.01	1/2	345.05	1/2	158.14	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,088.96	3/4	902.01	3/4	715.06	3/4	528.11	3/4	341.16	3/4	154.25	3/4		3/4	3/4	3/4		3/4	3/4
8	1,085.06	8	898.12	8	711.16	8	524.22	8	337.26	8	150.36	8	8	8		8		8	8
1/4	1,081.17	1/4	894.22	1/4	707.27	1/4	520.32	1/4	333.37	1/4	146.48	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,077.27	1/2	890.33	1/2	703.37	1/2	516.43	1/2	329.47	1/2	142.59	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,073.38	3/4	886.43	3/4	699.48	3/4	512.53	3/4	325.58	3/4	138.70	3/4		3/4	3/4	3/4		3/4	3/4
9	1,069.48	9	882.54	9	695.58	9	508.64	9	321.68	9	134.81	9	9	9		9		9	9
1/4	1,065.59	1/4	878.64	1/4	691.69	1/4	504.74	1/4	317.79	1/4	130.93	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,061.69	1/2	874.75	1/2	687.79	1/2	500.85	1/2	313.89	1/2	127.04	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,057.80	3/4	870.85	3/4	683.90	3/4	496.95	3/4	310.00	3/4	123.15	3/4		3/4	3/4	3/4		3/4	3/4
10	1,053.90	10	866.96	10	680.00	10	493.06	10	306.11	10	119.26	10	10	10		10		10	10
1/4	1,050.01	1/4	863.06	1/4	676.11	1/4	489.16	1/4	302.22	1/4	115.38	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,046.11	1/2	859.17	1/2	672.21	1/2	485.27	1/2	298.32	1/2	111.49	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,042.22	3/4	855.27	3/4	668.32	3/4	481.37	3/4	294.43	3/4	107.60	3/4		3/4	3/4	3/4		3/4	3/4
11	1,038.32	11	851.38	11	664.42	11	477.48	11	290.54	11	103.71	11	11	11		11		11	11
1/4	1,034.43	1/4	847.48	1/4	660.53	1/4	473.58	1/4	286.64	1/4	99.83	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,030.53	1/2	843.59	1/2	656.63	1/2	469.69	1/2	282.75	1/2	95.94	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,026.64	3/4	839.69	3/4	652.74	3/4	465.79	3/4	278.85	3/4	92.05	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/1989 EWS  
DECK MEASUREMENTS: 08/11/2009 SW  
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "KIRBY 18601"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	0	373	0	746	0	1,120	0		0		0		0		0		0	
1/4	8	1/4	381	1/4	754	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	16	1/2	389	1/2	762	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	23	3/4	397	3/4	770	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	31	1	404	1	778	1		1		1		1		1		1		1	
1/4	39	1/4	412	1/4	785	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	47	1/2	420	1/2	793	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	428	3/4	801	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	62	2	435	2	809	2		2		2		2		2		2		2	
1/4	70	1/4	443	1/4	816	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	78	1/2	451	1/2	824	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	86	3/4	459	3/4	832	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	93	3	467	3	840	3		3		3		3		3		3		3	
1/4	101	1/4	474	1/4	848	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109	1/2	482	1/2	855	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117	3/4	490	3/4	863	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	124	4	498	4	871	4		4		4		4		4		4		4	
1/4	132	1/4	505	1/4	879	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	140	1/2	513	1/2	886	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	148	3/4	521	3/4	894	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	156	5	529	5	902	5		5		5		5		5		5		5	
1/4	163	1/4	537	1/4	910	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	171	1/2	544	1/2	918	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	179	3/4	552	3/4	925	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	187	6	560	6	933	6		6		6		6		6		6		6	
1/4	194	1/4	568	1/4	941	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	202	1/2	575	1/2	949	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	210	3/4	583	3/4	956	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	218	7	591	7	964	7		7		7		7		7		7		7	
1/4	226	1/4	599	1/4	972	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	233	1/2	607	1/2	980	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	241	3/4	614	3/4	988	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	249	8	622	8	995	8		8		8		8		8		8		8	
1/4	257	1/4	630	1/4	1,003	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	264	1/2	638	1/2	1,011	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	272	3/4	645	3/4	1,019	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	280	9	653	9	1,026	9		9		9		9		9		9		9	
1/4	288	1/4	661	1/4	1,034	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	295	1/2	669	1/2	1,042	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	303	3/4	677	3/4	1,050	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	311	10	684	10	1,058	10		10		10		10		10		10		10	
1/4	319	1/4	692	1/4	1,065	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	327	1/2	700	1/2	1,073	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	334	3/4	708	3/4	1,081	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	342	11	715	11	1,089	11		11		11		11		11		11		11	
1/4	350	1/4	723	1/4	1,096	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	358	1/2	731	1/2	1,104	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	739	3/4	1,112	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

STRAPPED: 10/13/2023 JS  
CALCULATED: 10/13/2023 CL  
PRINTED: 10/16/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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