



BARGE "KIRBY 15001D"

INNAGE TRIM TABLE

	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
4 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
4 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
5 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8
5 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8

(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)

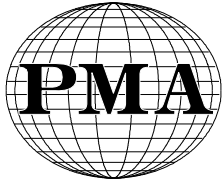
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 PORT THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 207'-06"

October 24, 2022

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



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INNAGE TRIM TABLE

	7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 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	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-3/4	- 00-3/4	00-7/8	- 00-7/8
1 STBD	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 PORT	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 STBD	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 PORT	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 STBD	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4
4 PORT	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8
4 STBD	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8
5 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
5 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(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 3 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 PORT THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 207'-06"

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BARGE "KIRBY 15001D"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 12'-07"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.59	6	74.63	0	152.15	6	229.67	0	307.19	6	384.71	0	462.23	6	539.75	0	617.27	6	694.79
1/8	6.50	1/8	76.25	1/8	153.77	1/8	231.29	1/8	308.81	1/8	386.33	1/8	463.85	1/8	541.37	1/8	618.89	1/8	696.41
1/4	7.41	1/4	77.86	1/4	155.38	1/4	232.90	1/4	310.42	1/4	387.94	1/4	465.46	1/4	542.98	1/4	620.50	1/4	698.02
3/8	8.32	3/8	79.48	3/8	157.00	3/8	234.52	3/8	312.04	3/8	389.56	3/8	467.08	3/8	544.60	3/8	622.12	3/8	699.64
1/2	9.22	1/2	81.09	1/2	158.61	1/2	236.13	1/2	313.65	1/2	391.17	1/2	468.69	1/2	546.21	1/2	623.73	1/2	701.25
5/8	10.13	5/8	82.71	5/8	160.23	5/8	237.75	5/8	315.27	5/8	392.79	5/8	470.31	5/8	547.83	5/8	625.35	5/8	702.87
3/4	11.04	3/4	84.32	3/4	161.84	3/4	239.36	3/4	316.88	3/4	394.40	3/4	471.92	3/4	549.44	3/4	626.96	3/4	704.48
7/8	11.95	7/8	85.94	7/8	163.46	7/8	240.98	7/8	318.50	7/8	396.02	7/8	473.54	7/8	551.06	7/8	628.58	7/8	706.10
1	12.86	7	87.55	1	165.07	7	242.59	1	320.11	7	397.63	1	475.15	7	552.67	1	630.19	7	707.71
1/8	14.17	1/8	89.16	1/8	166.69	1/8	244.21	1/8	321.73	1/8	399.25	1/8	476.77	1/8	554.29	1/8	631.81	1/8	709.33
1/4	15.48	1/4	90.78	1/4	168.30	1/4	245.82	1/4	323.34	1/4	400.86	1/4	478.38	1/4	555.90	1/4	633.42	1/4	710.94
3/8	16.79	3/8	92.39	3/8	169.92	3/8	247.44	3/8	324.96	3/8	402.48	3/8	480.00	3/8	557.52	3/8	635.04	3/8	712.56
1/2	18.10	1/2	94.01	1/2	171.53	1/2	249.05	1/2	326.57	1/2	404.09	1/2	481.61	1/2	559.13	1/2	636.65	1/2	714.17
5/8	19.42	5/8	95.62	5/8	173.15	5/8	250.67	5/8	328.19	5/8	405.71	5/8	483.23	5/8	560.75	5/8	638.27	5/8	715.79
3/4	20.73	3/4	97.24	3/4	174.76	3/4	252.28	3/4	329.80	3/4	407.32	3/4	484.84	3/4	562.36	3/4	639.88	3/4	717.40
7/8	22.04	7/8	98.85	7/8	176.38	7/8	253.90	7/8	331.42	7/8	408.94	7/8	486.46	7/8	563.98	7/8	641.50	7/8	719.02
2	23.35	8	100.47	2	177.99	8	255.51	2	333.03	8	410.55	2	488.07	8	565.59	2	643.11	8	720.63
1/8	24.92	1/8	102.09	1/8	179.61	1/8	257.13	1/8	334.65	1/8	412.17	1/8	489.69	1/8	567.21	1/8	644.73	1/8	722.25
1/4	26.48	1/4	103.70	1/4	181.22	1/4	258.74	1/4	336.26	1/4	413.78	1/4	491.30	1/4	568.82	1/4	646.34	1/4	723.86
3/8	28.05	3/8	105.32	3/8	182.84	3/8	260.36	3/8	337.88	3/8	415.40	3/8	492.92	3/8	570.44	3/8	647.96	3/8	725.48
1/2	29.61	1/2	106.93	1/2	184.45	1/2	261.97	1/2	339.49	1/2	417.01	1/2	494.53	1/2	572.05	1/2	649.57	1/2	727.09
5/8	31.18	5/8	108.55	5/8	186.07	5/8	263.59	5/8	341.11	5/8	418.63	5/8	496.15	5/8	573.67	5/8	651.19	5/8	728.71
3/4	32.74	3/4	110.16	3/4	187.68	3/4	265.20	3/4	342.72	3/4	420.24	3/4	497.76	3/4	575.28	3/4	652.80	3/4	730.32
7/8	34.31	7/8	111.78	7/8	189.30	7/8	266.82	7/8	344.34	7/8	421.86	7/8	499.38	7/8	576.90	7/8	654.42	7/8	731.94
3	35.87	9	113.39	3	190.91	9	268.43	3	345.95	9	423.47	3	500.99	9	578.51	3	656.03	9	733.55
1/8	37.49	1/8	115.01	1/8	192.53	1/8	270.05	1/8	347.57	1/8	425.09	1/8	502.61	1/8	580.13	1/8	657.65	1/8	735.17
1/4	39.10	1/4	116.62	1/4	194.14	1/4	271.66	1/4	349.18	1/4	426.70	1/4	504.22	1/4	581.74	1/4	659.26	1/4	736.78
3/8	40.72	3/8	118.24	3/8	195.76	3/8	273.28	3/8	350.80	3/8	428.32	3/8	505.84	3/8	583.36	3/8	660.88	3/8	738.40
1/2	42.33	1/2	119.85	1/2	197.37	1/2	274.89	1/2	352.41	1/2	429.93	1/2	507.45	1/2	584.97	1/2	662.49	1/2	740.01
5/8	43.95	5/8	121.47	5/8	198.99	5/8	276.51	5/8	354.03	5/8	431.55	5/8	509.07	5/8	586.59	5/8	664.11	5/8	741.63
3/4	45.56	3/4	123.08	3/4	200.60	3/4	278.12	3/4	355.64	3/4	433.16	3/4	510.68	3/4	588.20	3/4	665.72	3/4	743.24
7/8	47.18	7/8	124.70	7/8	202.22	7/8	279.74	7/8	357.26	7/8	434.78	7/8	512.30	7/8	589.82	7/8	667.34	7/8	744.86
4	48.79	10	126.31	4	203.83	10	281.35	4	358.87	10	436.39	4	513.91	10	591.43	4	668.95	10	746.47
1/8	50.41	1/8	127.93	1/8	205.45	1/8	282.97	1/8	360.49	1/8	438.01	1/8	515.53	1/8	593.05	1/8	670.57	1/8	748.09
1/4	52.02	1/4	129.54	1/4	207.06	1/4	284.58	1/4	362.10	1/4	439.62	1/4	517.14	1/4	594.66	1/4	672.18	1/4	749.70
3/8	53.64	3/8	131.16	3/8	208.68	3/8	286.20	3/8	363.72	3/8	441.24	3/8	518.76	3/8	596.28	3/8	673.80	3/8	751.32
1/2	55.25	1/2	132.77	1/2	210.29	1/2	287.81	1/2	365.33	1/2	442.85	1/2	520.37	1/2	597.89	1/2	675.41	1/2	752.93
5/8	56.87	5/8	134.39	5/8	211.91	5/8	289.43	5/8	366.95	5/8	444.47	5/8	521.99	5/8	599.51	5/8	677.03	5/8	754.55
3/4	58.48	3/4	136.00	3/4	213.52	3/4	291.04	3/4	368.56	3/4	446.08	3/4	523.60	3/4	601.12	3/4	678.64	3/4	756.16
7/8	60.10	7/8	137.62	7/8	215.14	7/8	292.66	7/8	370.18	7/8	447.70	7/8	525.22	7/8	602.74	7/8	680.26	7/8	757.78
5	61.71	11	139.23	5	216.75	11	294.27	5	371.79	11	449.31	5	526.83	11	604.35	5	681.87	11	759.39
1/8	63.33	1/8	140.85	1/8	218.37	1/8	295.89	1/8	373.41	1/8	450.93	1/8	528.45	1/8	605.97	1/8	683.49	1/8	761.01
1/4	64.94	1/4	142.46	1/4	219.98	1/4	297.50	1/4	375.02	1/4	452.54	1/4	530.06	1/4	607.58	1/4	685.10	1/4	762.62
3/8	66.56	3/8	144.08	3/8	221.60	3/8	299.12	3/8	376.64	3/8	454.16	3/8	531.68	3/8	609.20	3/8	686.72	3/8	764.24
1/2	68.17	1/2	145.69	1/2	223.21	1/2	300.73	1/2	378.25	1/2	455.77	1/2	533.29	1/2	610.81	1/2	688.33	1/2	765.85
5/8	69.79	5/8	147.31	5/8	224.83	5/8	302.35	5/8	379.87	5/8	457.39	5/8	534.91	5/8	612.43	5/8	689.95	5/8	767.47
3/4	71.40	3/4	148.92	3/4	226.44	3/4	303.96	3/4	381.48	3/4	459.00	3/4	536.52	3/4	614.04	3/4	691.56	3/4	769.08
7/8	73.02	7/8	150.54	7/8	228.06	7/8	305.58	7/8	383.10	7/8	460.62	7/8	538.14	7/8	615.66	7/8	693.18	7/8	770.70

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.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 19'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 15001D"

2 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	772.31	6	849.83	0	927.35	6	1,004.87	0	1,082.39	6	1,159.91	0	1,237.39	6	1,314.75	0	1,392.05	6	1,469.07
1/8	773.93	1/8	851.45	1/8	928.97	1/8	1,006.49	1/8	1,084.01	1/8	1,161.53	1/8	1,239.00	1/8	1,316.36	1/8	1,393.66	1/8	1,470.45
1/4	775.54	1/4	853.06	1/4	930.58	1/4	1,008.10	1/4	1,085.62	1/4	1,163.14	1/4	1,240.61	1/4	1,317.97	1/4	1,395.27	1/4	1,471.83
3/8	777.16	3/8	854.68	3/8	932.20	3/8	1,009.72	3/8	1,087.24	3/8	1,164.76	3/8	1,242.22	3/8	1,319.57	3/8	1,396.88	3/8	1,473.21
1/2	778.77	1/2	856.29	1/2	933.81	1/2	1,011.33	1/2	1,088.85	1/2	1,166.37	1/2	1,243.84	1/2	1,321.18	1/2	1,398.49	1/2	1,474.59
5/8	780.39	5/8	857.91	5/8	935.43	5/8	1,012.95	5/8	1,090.47	5/8	1,167.99	5/8	1,245.45	5/8	1,322.79	5/8	1,400.10	5/8	1,475.97
3/4	782.00	3/4	859.52	3/4	937.04	3/4	1,014.56	3/4	1,092.08	3/4	1,169.60	3/4	1,247.06	3/4	1,324.40	3/4	1,401.71	3/4	1,477.35
7/8	783.62	7/8	861.14	7/8	938.66	7/8	1,016.18	7/8	1,093.70	7/8	1,171.22	7/8	1,248.67	7/8	1,326.00	7/8	1,403.32	7/8	1,478.73
1	785.23	7	862.75	1	940.27	7	1,017.79	1	1,095.31	7	1,172.83	1	1,250.28	7	1,327.61	1	1,404.93	7	1,480.11
1/8	786.85	1/8	864.37	1/8	941.89	1/8	1,019.41	1/8	1,096.93	1/8	1,174.45	1/8	1,251.89	1/8	1,329.22	1/8	1,406.54	1/8	1,481.18
1/4	788.46	1/4	865.98	1/4	943.50	1/4	1,021.02	1/4	1,098.54	1/4	1,176.06	1/4	1,253.50	1/4	1,330.83	1/4	1,408.15	1/4	1,482.26
3/8	790.08	3/8	867.60	3/8	945.12	3/8	1,022.64	3/8	1,100.16	3/8	1,177.68	3/8	1,255.11	3/8	1,332.44	3/8	1,409.76	3/8	1,483.33
1/2	791.69	1/2	869.21	1/2	946.73	1/2	1,024.25	1/2	1,101.77	1/2	1,179.29	1/2	1,256.73	1/2	1,334.05	1/2	1,411.37	1/2	1,484.40
5/8	793.31	5/8	870.83	5/8	948.35	5/8	1,025.87	5/8	1,103.39	5/8	1,180.91	5/8	1,258.34	5/8	1,335.66	5/8	1,412.99	5/8	1,485.47
3/4	794.92	3/4	872.44	3/4	949.96	3/4	1,027.48	3/4	1,105.00	3/4	1,182.52	3/4	1,259.95	3/4	1,337.27	3/4	1,414.60	3/4	1,486.55
7/8	796.54	7/8	874.06	7/8	951.58	7/8	1,029.10	7/8	1,106.62	7/8	1,184.14	7/8	1,261.56	7/8	1,338.88	7/8	1,416.21	7/8	1,487.62
2	798.15	8	875.67	2	953.19	8	1,030.71	2	1,108.23	8	1,185.75	2	1,263.17	8	1,340.49	2	1,417.82	8	1,488.69
1/8	799.77	1/8	877.29	1/8	954.81	1/8	1,032.33	1/8	1,109.85	1/8	1,187.37	1/8	1,264.78	1/8	1,342.10	1/8	1,419.43	1/8	1,489.46
1/4	801.38	1/4	878.90	1/4	956.42	1/4	1,033.94	1/4	1,111.46	1/4	1,188.98	1/4	1,266.39	1/4	1,343.71	1/4	1,421.04	1/4	1,490.22
3/8	803.00	3/8	880.52	3/8	958.04	3/8	1,035.56	3/8	1,113.08	3/8	1,190.60	3/8	1,268.00	3/8	1,345.32	3/8	1,422.65	3/8	1,490.99
1/2	804.61	1/2	882.13	1/2	959.65	1/2	1,037.17	1/2	1,114.69	1/2	1,192.21	1/2	1,269.61	1/2	1,346.93	1/2	1,424.26	1/2	1,491.75
5/8	806.23	5/8	883.75	5/8	961.27	5/8	1,038.79	5/8	1,116.31	5/8	1,193.83	5/8	1,271.22	5/8	1,348.55	5/8	1,425.88	5/8	1,492.52
3/4	807.84	3/4	885.36	3/4	962.88	3/4	1,040.40	3/4	1,117.92	3/4	1,195.44	3/4	1,272.83	3/4	1,350.16	3/4	1,427.49	3/4	1,493.28
7/8	809.46	7/8	886.98	7/8	964.50	7/8	1,042.02	7/8	1,119.54	7/8	1,197.06	7/8	1,274.44	7/8	1,351.77	7/8	1,429.10	7/8	1,494.05
3	811.07	9	888.59	3	966.11	9	1,043.63	3	1,121.15	9	1,198.67	3	1,276.05	9	1,353.38	3	1,430.71	9	1,494.81
1/8	812.69	1/8	890.21	1/8	967.73	1/8	1,045.25	1/8	1,122.77	1/8	1,200.29	1/8	1,277.66	1/8	1,354.99	1/8	1,432.32	1/8	1,495.27
1/4	814.30	1/4	891.82	1/4	969.34	1/4	1,046.86	1/4	1,124.38	1/4	1,201.90	1/4	1,279.27	1/4	1,356.60	1/4	1,433.93	1/4	1,495.73
3/8	815.92	3/8	893.44	3/8	970.96	3/8	1,048.48	3/8	1,126.00	3/8	1,203.52	3/8	1,280.88	3/8	1,358.21	3/8	1,435.54	3/8	1,496.19
1/2	817.53	1/2	895.05	1/2	972.57	1/2	1,050.09	1/2	1,127.61	1/2	1,205.13	1/2	1,282.49	1/2	1,359.82	1/2	1,437.15	1/2	1,496.64
5/8	819.15	5/8	896.67	5/8	974.19	5/8	1,051.71	5/8	1,129.23	5/8	1,206.75	5/8	1,284.11	5/8	1,361.44	5/8	1,438.77	5/8	1,497.10
3/4	820.76	3/4	898.28	3/4	975.80	3/4	1,053.32	3/4	1,130.84	3/4	1,208.36	3/4	1,285.72	3/4	1,363.05	3/4	1,440.38	3/4	1,497.56
7/8	822.38	7/8	899.90	7/8	977.42	7/8	1,054.94	7/8	1,132.46	7/8	1,209.98	7/8	1,287.33	7/8	1,364.66	7/8	1,441.99	7/8	1,498.02
4	823.99	10	901.51	4	979.03	10	1,056.55	4	1,134.07	10	1,211.59	4	1,288.94	10	1,366.27	4	1,443.60	10	1,498.48
1/8	825.61	1/8	903.13	1/8	980.65	1/8	1,058.17	1/8	1,135.69	1/8	1,213.20	1/8	1,290.55	1/8	1,367.88	1/8	1,445.21	1/8	1,498.66
1/4	827.22	1/4	904.74	1/4	982.26	1/4	1,059.78	1/4	1,137.30	1/4	1,214.82	1/4	1,292.16	1/4	1,369.49	1/4	1,446.82	1/4	1,498.83
3/8	828.84	3/8	906.36	3/8	983.88	3/8	1,061.40	3/8	1,138.92	3/8	1,216.43	3/8	1,293.77	3/8	1,371.10	3/8	1,448.43	3/8	1,499.01
1/2	830.45	1/2	907.97	1/2	985.49	1/2	1,063.01	1/2	1,140.53	1/2	1,218.04	1/2	1,295.38	1/2	1,372.71	1/2	1,450.04	1/2	1,499.19
5/8	832.07	5/8	909.59	5/8	987.11	5/8	1,064.63	5/8	1,142.15	5/8	1,219.66	5/8	1,297.00	5/8	1,374.33	5/8	1,451.65	5/8	1,499.37
3/4	833.68	3/4	911.20	3/4	988.72	3/4	1,066.24	3/4	1,143.76	3/4	1,221.27	3/4	1,298.61	3/4	1,375.94	3/4	1,453.27	3/4	1,499.54
7/8	835.30	7/8	912.82	7/8	990.34	7/8	1,067.86	7/8	1,145.38	7/8	1,222.89	7/8	1,300.22	7/8	1,377.55	7/8	1,454.88	7/8	1,499.72
5	836.91	11	914.43	5	991.95	11	1,069.47	5	1,146.99	11	1,224.50	5	1,301.83	11	1,379.16	5	1,456.49	11	1,499.90
1/8	838.53	1/8	916.05	1/8	993.57	1/8	1,071.09	1/8	1,148.61	1/8	1,226.11	1/8	1,303.44	1/8	1,380.77	1/8	1,458.06	1/8	1,499.90
1/4	840.14	1/4	917.66	1/4	995.18	1/4	1,072.70	1/4	1,150.22	1/4	1,227.72	1/4	1,305.06	1/4	1,382.38	1/4	1,459.63	1/4	1,499.90
3/8	841.76	3/8	919.28	3/8	996.80	3/8	1,074.32	3/8	1,151.84	3/8	1,229.33	3/8	1,306.68	3/8	1,383.99	3/8	1,461.21	3/8	1,499.90
1/2	843.37	1/2	920.89	1/2	998.41	1/2	1,075.93	1/2	1,153.45	1/2	1,230.94	1/2	1,308.29	1/2	1,385.60	1/2	1,462.78	1/2	1,499.90
5/8	844.99	5/8	922.51	5/8	1,000.03	5/8	1,077.55	5/8	1,155.07	5/8	1,232.56	5/8	1,309.91	5/8	1,387.21	5/8	1,464.35	5/8	1,499.90
3/4	846.60	3/4	924.12	3/4	1,001.64	3/4	1,079.16	3/4	1,156.68	3/4	1,234.17	3/4	1,311.52	3/4	1,388.83	3/4	1,465.92	3/4	1,499.90
7/8	848.22	7/8	925.74	7/8	1,003.26	7/8	1,080.78	7/8	1,158.30	7/8	1,235.78	7/8	1,313.14	7/8	1,390.44	7/8	1,467.50	7/8	1,499.90

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CANCELS AND SUPERCEDES
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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 15001D"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-06 1/2"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.59	6	74.63	0	152.15	6	229.67	0	307.19	6	384.71	0	462.23	6	539.75	0	617.27	6	694.79
1/8	6.50	1/8	76.25	1/8	153.77	1/8	231.29	1/8	308.81	1/8	386.33	1/8	463.85	1/8	541.37	1/8	618.89	1/8	696.41
1/4	7.41	1/4	77.86	1/4	155.38	1/4	232.90	1/4	310.42	1/4	387.94	1/4	465.46	1/4	542.98	1/4	620.50	1/4	698.02
3/8	8.32	3/8	79.48	3/8	157.00	3/8	234.52	3/8	312.04	3/8	389.56	3/8	467.08	3/8	544.60	3/8	622.12	3/8	699.64
1/2	9.22	1/2	81.09	1/2	158.61	1/2	236.13	1/2	313.65	1/2	391.17	1/2	468.69	1/2	546.21	1/2	623.73	1/2	701.25
5/8	10.13	5/8	82.71	5/8	160.23	5/8	237.75	5/8	315.27	5/8	392.79	5/8	470.31	5/8	547.83	5/8	625.35	5/8	702.87
3/4	11.04	3/4	84.32	3/4	161.84	3/4	239.36	3/4	316.88	3/4	394.40	3/4	471.92	3/4	549.44	3/4	626.96	3/4	704.48
7/8	11.95	7/8	85.94	7/8	163.46	7/8	240.98	7/8	318.50	7/8	396.02	7/8	473.54	7/8	551.06	7/8	628.58	7/8	706.10
1	12.86	7	87.55	1	165.07	7	242.59	1	320.11	7	397.63	1	475.15	7	552.67	1	630.19	7	707.71
1/8	14.17	1/8	89.16	1/8	166.69	1/8	244.21	1/8	321.73	1/8	399.25	1/8	476.77	1/8	554.29	1/8	631.81	1/8	709.33
1/4	15.48	1/4	90.78	1/4	168.30	1/4	245.82	1/4	323.34	1/4	400.86	1/4	478.38	1/4	555.90	1/4	633.42	1/4	710.94
3/8	16.79	3/8	92.39	3/8	169.92	3/8	247.44	3/8	324.96	3/8	402.48	3/8	480.00	3/8	557.52	3/8	635.04	3/8	712.56
1/2	18.10	1/2	94.01	1/2	171.53	1/2	249.05	1/2	326.57	1/2	404.09	1/2	481.61	1/2	559.13	1/2	636.65	1/2	714.17
5/8	19.42	5/8	95.62	5/8	173.15	5/8	250.67	5/8	328.19	5/8	405.71	5/8	483.23	5/8	560.75	5/8	638.27	5/8	715.79
3/4	20.73	3/4	97.24	3/4	174.76	3/4	252.28	3/4	329.80	3/4	407.32	3/4	484.84	3/4	562.36	3/4	639.88	3/4	717.40
7/8	22.04	7/8	98.85	7/8	176.38	7/8	253.90	7/8	331.42	7/8	408.94	7/8	486.46	7/8	563.98	7/8	641.50	7/8	719.02
2	23.35	8	100.47	2	177.99	8	255.51	2	333.03	8	410.55	2	488.07	8	565.59	2	643.11	8	720.63
1/8	24.92	1/8	102.09	1/8	179.61	1/8	257.13	1/8	334.65	1/8	412.17	1/8	489.69	1/8	567.21	1/8	644.73	1/8	722.25
1/4	26.48	1/4	103.70	1/4	181.22	1/4	258.74	1/4	336.26	1/4	413.78	1/4	491.30	1/4	568.82	1/4	646.34	1/4	723.86
3/8	28.05	3/8	105.32	3/8	182.84	3/8	260.36	3/8	337.88	3/8	415.40	3/8	492.92	3/8	570.44	3/8	647.96	3/8	725.48
1/2	29.61	1/2	106.93	1/2	184.45	1/2	261.97	1/2	339.49	1/2	417.01	1/2	494.53	1/2	572.05	1/2	649.57	1/2	727.09
5/8	31.18	5/8	108.55	5/8	186.07	5/8	263.59	5/8	341.11	5/8	418.63	5/8	496.15	5/8	573.67	5/8	651.19	5/8	728.71
3/4	32.74	3/4	110.16	3/4	187.68	3/4	265.20	3/4	342.72	3/4	420.24	3/4	497.76	3/4	575.28	3/4	652.80	3/4	730.32
7/8	34.31	7/8	111.78	7/8	189.30	7/8	266.82	7/8	344.34	7/8	421.86	7/8	499.38	7/8	576.90	7/8	654.42	7/8	731.94
3	35.87	9	113.39	3	190.91	9	268.43	3	345.95	9	423.47	3	500.99	9	578.51	3	656.03	9	733.55
1/8	37.49	1/8	115.01	1/8	192.53	1/8	270.05	1/8	347.57	1/8	425.09	1/8	502.61	1/8	580.13	1/8	657.65	1/8	735.17
1/4	39.10	1/4	116.62	1/4	194.14	1/4	271.66	1/4	349.18	1/4	426.70	1/4	504.22	1/4	581.74	1/4	659.26	1/4	736.78
3/8	40.72	3/8	118.24	3/8	195.76	3/8	273.28	3/8	350.80	3/8	428.32	3/8	505.84	3/8	583.36	3/8	660.88	3/8	738.40
1/2	42.33	1/2	119.85	1/2	197.37	1/2	274.89	1/2	352.41	1/2	429.93	1/2	507.45	1/2	584.97	1/2	662.49	1/2	740.01
5/8	43.95	5/8	121.47	5/8	198.99	5/8	276.51	5/8	354.03	5/8	431.55	5/8	509.07	5/8	586.59	5/8	664.11	5/8	741.63
3/4	45.56	3/4	123.08	3/4	200.60	3/4	278.12	3/4	355.64	3/4	433.16	3/4	510.68	3/4	588.20	3/4	665.72	3/4	743.24
7/8	47.18	7/8	124.70	7/8	202.22	7/8	279.74	7/8	357.26	7/8	434.78	7/8	512.30	7/8	589.82	7/8	667.34	7/8	744.86
4	48.79	10	126.31	4	203.83	10	281.35	4	358.87	10	436.39	4	513.91	10	591.43	4	668.95	10	746.47
1/8	50.41	1/8	127.93	1/8	205.45	1/8	282.97	1/8	360.49	1/8	438.01	1/8	515.53	1/8	593.05	1/8	670.57	1/8	748.09
1/4	52.02	1/4	129.54	1/4	207.06	1/4	284.58	1/4	362.10	1/4	439.62	1/4	517.14	1/4	594.66	1/4	672.18	1/4	749.70
3/8	53.64	3/8	131.16	3/8	208.68	3/8	286.20	3/8	363.72	3/8	441.24	3/8	518.76	3/8	596.28	3/8	673.80	3/8	751.32
1/2	55.25	1/2	132.77	1/2	210.29	1/2	287.81	1/2	365.33	1/2	442.85	1/2	520.37	1/2	597.89	1/2	675.41	1/2	752.93
5/8	56.87	5/8	134.39	5/8	211.91	5/8	289.43	5/8	366.95	5/8	444.47	5/8	521.99	5/8	599.51	5/8	677.03	5/8	754.55
3/4	58.48	3/4	136.00	3/4	213.52	3/4	291.04	3/4	368.56	3/4	446.08	3/4	523.60	3/4	601.12	3/4	678.64	3/4	756.16
7/8	60.10	7/8	137.62	7/8	215.14	7/8	292.66	7/8	370.18	7/8	447.70	7/8	525.22	7/8	602.74	7/8	680.26	7/8	757.78
5	61.71	11	139.23	5	216.75	11	294.27	5	371.79	11	449.31	5	526.83	11	604.35	5	681.87	11	759.39
1/8	63.33	1/8	140.85	1/8	218.37	1/8	295.89	1/8	373.41	1/8	450.93	1/8	528.45	1/8	605.97	1/8	683.49	1/8	761.01
1/4	64.94	1/4	142.46	1/4	219.98	1/4	297.50	1/4	375.02	1/4	452.54	1/4	530.06	1/4	607.58	1/4	685.10	1/4	762.62
3/8	66.56	3/8	144.08	3/8	221.60	3/8	299.12	3/8	376.64	3/8	454.16	3/8	531.68	3/8	609.20	3/8	686.72	3/8	764.24
1/2	68.17	1/2	145.69	1/2	223.21	1/2	300.73	1/2	378.25	1/2	455.77	1/2	533.29	1/2	610.81	1/2	688.33	1/2	765.85
5/8	69.79	5/8	147.31	5/8	224.83	5/8	302.35	5/8	379.87	5/8	457.39	5/8	534.91	5/8	612.43	5/8	689.95	5/8	767.47
3/4	71.40	3/4	148.92	3/4	226.44	3/4	303.96	3/4	381.48	3/4	459.00	3/4	536.52	3/4	614.04	3/4	691.56	3/4	769.08
7/8	73.02	7/8	150.54	7/8	228.06	7/8	305.58	7/8	383.10	7/8	460.62	7/8	538.14	7/8	615.66	7/8	693.18	7/8	770.70

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.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 19'-03" FORWARD OF AFT BULKHEAD.

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PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 15001D"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-06 1/2"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	772.31	6	849.83	0	927.35	6	1,004.87	0	1,082.39	6	1,159.91	0	1,237.39	6	1,314.75	0	1,392.05	6	1,469.07
1/8	773.93	1/8	851.45	1/8	928.97	1/8	1,006.49	1/8	1,084.01	1/8	1,161.53	1/8	1,239.00	1/8	1,316.36	1/8	1,393.66	1/8	1,470.45
1/4	775.54	1/4	853.06	1/4	930.58	1/4	1,008.10	1/4	1,085.62	1/4	1,163.14	1/4	1,240.61	1/4	1,317.97	1/4	1,395.27	1/4	1,471.83
3/8	777.16	3/8	854.68	3/8	932.20	3/8	1,009.72	3/8	1,087.24	3/8	1,164.76	3/8	1,242.22	3/8	1,319.57	3/8	1,396.88	3/8	1,473.21
1/2	778.77	1/2	856.29	1/2	933.81	1/2	1,011.33	1/2	1,088.85	1/2	1,166.37	1/2	1,243.84	1/2	1,321.18	1/2	1,398.49	1/2	1,474.59
5/8	780.39	5/8	857.91	5/8	935.43	5/8	1,012.95	5/8	1,090.47	5/8	1,167.99	5/8	1,245.45	5/8	1,322.79	5/8	1,400.10	5/8	1,475.97
3/4	782.00	3/4	859.52	3/4	937.04	3/4	1,014.56	3/4	1,092.08	3/4	1,169.60	3/4	1,247.06	3/4	1,324.40	3/4	1,401.71	3/4	1,477.35
7/8	783.62	7/8	861.14	7/8	938.66	7/8	1,016.18	7/8	1,093.70	7/8	1,171.22	7/8	1,248.67	7/8	1,326.00	7/8	1,403.32	7/8	1,478.73
1	785.23	7	862.75	1	940.27	7	1,017.79	1	1,095.31	7	1,172.83	1	1,250.28	7	1,327.61	1	1,404.93	7	1,480.11
1/8	786.85	1/8	864.37	1/8	941.89	1/8	1,019.41	1/8	1,096.93	1/8	1,174.45	1/8	1,251.89	1/8	1,329.22	1/8	1,406.54	1/8	1,481.18
1/4	788.46	1/4	865.98	1/4	943.50	1/4	1,021.02	1/4	1,098.54	1/4	1,176.06	1/4	1,253.50	1/4	1,330.83	1/4	1,408.15	1/4	1,482.26
3/8	790.08	3/8	867.60	3/8	945.12	3/8	1,022.64	3/8	1,100.16	3/8	1,177.68	3/8	1,255.11	3/8	1,332.44	3/8	1,409.76	3/8	1,483.33
1/2	791.69	1/2	869.21	1/2	946.73	1/2	1,024.25	1/2	1,101.77	1/2	1,179.29	1/2	1,256.73	1/2	1,334.05	1/2	1,411.37	1/2	1,484.40
5/8	793.31	5/8	870.83	5/8	948.35	5/8	1,025.87	5/8	1,103.39	5/8	1,180.91	5/8	1,258.34	5/8	1,335.66	5/8	1,412.99	5/8	1,485.47
3/4	794.92	3/4	872.44	3/4	949.96	3/4	1,027.48	3/4	1,105.00	3/4	1,182.52	3/4	1,259.95	3/4	1,337.27	3/4	1,414.60	3/4	1,486.55
7/8	796.54	7/8	874.06	7/8	951.58	7/8	1,029.10	7/8	1,106.62	7/8	1,184.14	7/8	1,261.56	7/8	1,338.88	7/8	1,416.21	7/8	1,487.62
2	798.15	8	875.67	2	953.19	8	1,030.71	2	1,108.23	8	1,185.75	2	1,263.17	8	1,340.49	2	1,417.82	8	1,488.69
1/8	799.77	1/8	877.29	1/8	954.81	1/8	1,032.33	1/8	1,109.85	1/8	1,187.37	1/8	1,264.78	1/8	1,342.10	1/8	1,419.43	1/8	1,489.46
1/4	801.38	1/4	878.90	1/4	956.42	1/4	1,033.94	1/4	1,111.46	1/4	1,188.98	1/4	1,266.39	1/4	1,343.71	1/4	1,421.04	1/4	1,490.22
3/8	803.00	3/8	880.52	3/8	958.04	3/8	1,035.56	3/8	1,113.08	3/8	1,190.60	3/8	1,268.00	3/8	1,345.32	3/8	1,422.65	3/8	1,490.99
1/2	804.61	1/2	882.13	1/2	959.65	1/2	1,037.17	1/2	1,114.69	1/2	1,192.21	1/2	1,269.61	1/2	1,346.93	1/2	1,424.26	1/2	1,491.75
5/8	806.23	5/8	883.75	5/8	961.27	5/8	1,038.79	5/8	1,116.31	5/8	1,193.83	5/8	1,271.22	5/8	1,348.55	5/8	1,425.88	5/8	1,492.52
3/4	807.84	3/4	885.36	3/4	962.88	3/4	1,040.40	3/4	1,117.92	3/4	1,195.44	3/4	1,272.83	3/4	1,350.16	3/4	1,427.49	3/4	1,493.28
7/8	809.46	7/8	886.98	7/8	964.50	7/8	1,042.02	7/8	1,119.54	7/8	1,197.06	7/8	1,274.44	7/8	1,351.77	7/8	1,429.10	7/8	1,494.05
3	811.07	9	888.59	3	966.11	9	1,043.63	3	1,121.15	9	1,198.67	3	1,276.05	9	1,353.38	3	1,430.71	9	1,494.81
1/8	812.69	1/8	890.21	1/8	967.73	1/8	1,045.25	1/8	1,122.77	1/8	1,200.29	1/8	1,277.66	1/8	1,354.99	1/8	1,432.32	1/8	1,495.27
1/4	814.30	1/4	891.82	1/4	969.34	1/4	1,046.86	1/4	1,124.38	1/4	1,201.90	1/4	1,279.27	1/4	1,356.60	1/4	1,433.93	1/4	1,495.73
3/8	815.92	3/8	893.44	3/8	970.96	3/8	1,048.48	3/8	1,126.00	3/8	1,203.52	3/8	1,280.88	3/8	1,358.21	3/8	1,435.54	3/8	1,496.19
1/2	817.53	1/2	895.05	1/2	972.57	1/2	1,050.09	1/2	1,127.61	1/2	1,205.13	1/2	1,282.49	1/2	1,359.82	1/2	1,437.15	1/2	1,496.64
5/8	819.15	5/8	896.67	5/8	974.19	5/8	1,051.71	5/8	1,129.23	5/8	1,206.75	5/8	1,284.11	5/8	1,361.44	5/8	1,438.77	5/8	1,497.10
3/4	820.76	3/4	898.28	3/4	975.80	3/4	1,053.32	3/4	1,130.84	3/4	1,208.36	3/4	1,285.72	3/4	1,363.05	3/4	1,440.38	3/4	1,497.56
7/8	822.38	7/8	899.90	7/8	977.42	7/8	1,054.94	7/8	1,132.46	7/8	1,209.98	7/8	1,287.33	7/8	1,364.66	7/8	1,441.99	7/8	1,498.02
4	823.99	10	901.51	4	979.03	10	1,056.55	4	1,134.07	10	1,211.59	4	1,288.94	10	1,366.27	4	1,443.60	10	1,498.48
1/8	825.61	1/8	903.13	1/8	980.65	1/8	1,058.17	1/8	1,135.69	1/8	1,213.20	1/8	1,290.55	1/8	1,367.88	1/8	1,445.21	1/8	1,498.66
1/4	827.22	1/4	904.74	1/4	982.26	1/4	1,059.78	1/4	1,137.30	1/4	1,214.82	1/4	1,292.16	1/4	1,369.49	1/4	1,446.82	1/4	1,498.83
3/8	828.84	3/8	906.36	3/8	983.88	3/8	1,061.40	3/8	1,138.92	3/8	1,216.43	3/8	1,293.77	3/8	1,371.10	3/8	1,448.43	3/8	1,499.01
1/2	830.45	1/2	907.97	1/2	985.49	1/2	1,063.01	1/2	1,140.53	1/2	1,218.04	1/2	1,295.38	1/2	1,372.71	1/2	1,450.04	1/2	1,499.19
5/8	832.07	5/8	909.59	5/8	987.11	5/8	1,064.63	5/8	1,142.15	5/8	1,219.66	5/8	1,297.00	5/8	1,374.33	5/8	1,451.65	5/8	1,499.37
3/4	833.68	3/4	911.20	3/4	988.72	3/4	1,066.24	3/4	1,143.76	3/4	1,221.27	3/4	1,298.61	3/4	1,375.94	3/4	1,453.27	3/4	1,499.54
7/8	835.30	7/8	912.82	7/8	990.34	7/8	1,067.86	7/8	1,145.38	7/8	1,222.89	7/8	1,300.22	7/8	1,377.55	7/8	1,454.88	7/8	1,499.72
5	836.91	11	914.43	5	991.95	11	1,069.47	5	1,146.99	11	1,224.50	5	1,301.83	11	1,379.16	5	1,456.49	11	1,499.90
1/8	838.53	1/8	916.05	1/8	993.57	1/8	1,071.09	1/8	1,148.61	1/8	1,226.11	1/8	1,303.44	1/8	1,380.77	1/8	1,458.06	1/8	1,499.90
1/4	840.14	1/4	917.66	1/4	995.18	1/4	1,072.70	1/4	1,150.22	1/4	1,227.72	1/4	1,305.06	1/4	1,382.38	1/4	1,459.63	1/4	1,499.90
3/8	841.76	3/8	919.28	3/8	996.80	3/8	1,074.32	3/8	1,151.84	3/8	1,229.33	3/8	1,306.68	3/8	1,383.99	3/8	1,461.21	3/8	1,499.90
1/2	843.37	1/2	920.89	1/2	998.41	1/2	1,075.93	1/2	1,153.45	1/2	1,230.94	1/2	1,308.29	1/2	1,385.60	1/2	1,462.78	1/2	1,499.90
5/8	844.99	5/8	922.51	5/8	1,000.03	5/8	1,077.55	5/8	1,155.07	5/8	1,232.56	5/8	1,309.91	5/8	1,387.21	5/8	1,464.35	5/8	1,499.90
3/4	846.60	3/4	924.12	3/4	1,001.64	3/4	1,079.16	3/4	1,156.68	3/4	1,234.17	3/4	1,311.52	3/4	1,388.83	3/4	1,465.92	3/4	1,499.90
7/8	848.22	7/8	925.74	7/8	1,003.26	7/8	1,080.78	7/8	1,158.30	7/8	1,235.78	7/8	1,313.14	7/8	1,390.44	7/8	1,467.50	7/8	1,499.90

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BARGE "KIRBY 15001D"

3 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	4.37	6	71.30	0	148.73	6	226.15	0	303.58	6	381.00	0	458.42	6	535.85	0	613.27	6	690.70
1/8	5.18	1/8	72.91	1/8	150.34	1/8	227.76	1/8	305.19	1/8	382.61	1/8	460.03	1/8	537.46	1/8	614.88	1/8	692.31
1/4	5.98	1/4	74.53	1/4	151.96	1/4	229.38	1/4	306.80	1/4	384.22	1/4	461.65	1/4	539.08	1/4	616.50	1/4	693.92
3/8	6.79	3/8	76.14	3/8	153.57	3/8	230.99	3/8	308.42	3/8	385.84	3/8	463.26	3/8	540.69	3/8	618.11	3/8	695.54
1/2	7.59	1/2	77.75	1/2	155.18	1/2	232.60	1/2	310.03	1/2	387.45	1/2	464.87	1/2	542.30	1/2	619.72	1/2	697.15
5/8	8.40	5/8	79.37	5/8	156.79	5/8	234.22	5/8	311.64	5/8	389.06	5/8	466.49	5/8	543.91	5/8	621.34	5/8	698.76
3/4	9.21	3/4	80.98	3/4	158.41	3/4	235.83	3/4	313.25	3/4	390.67	3/4	468.10	3/4	545.53	3/4	622.95	3/4	700.37
7/8	10.01	7/8	82.60	7/8	160.02	7/8	237.45	7/8	314.87	7/8	392.29	7/8	469.72	7/8	547.14	7/8	624.57	7/8	701.99
1	10.82	7	84.21	1	161.63	7	239.06	1	316.48	7	393.90	1	471.33	7	548.75	1	626.18	7	703.60
1/8	12.03	1/8	85.82	1/8	163.24	1/8	240.67	1/8	318.09	1/8	395.51	1/8	472.94	1/8	550.36	1/8	627.79	1/8	705.21
1/4	13.24	1/4	87.43	1/4	164.86	1/4	242.28	1/4	319.70	1/4	397.13	1/4	474.56	1/4	551.98	1/4	629.40	1/4	706.82
3/8	14.45	3/8	89.05	3/8	166.47	3/8	243.90	3/8	321.32	3/8	398.74	3/8	476.17	3/8	553.59	3/8	631.02	3/8	708.44
1/2	15.66	1/2	90.66	1/2	168.08	1/2	245.51	1/2	322.93	1/2	400.35	1/2	477.78	1/2	555.20	1/2	632.63	1/2	710.05
5/8	16.87	5/8	92.27	5/8	169.70	5/8	247.12	5/8	324.54	5/8	401.97	5/8	479.39	5/8	556.82	5/8	634.24	5/8	711.66
3/4	18.08	3/4	93.88	3/4	171.31	3/4	248.73	3/4	326.15	3/4	403.58	3/4	481.01	3/4	558.43	3/4	635.85	3/4	713.27
7/8	19.29	7/8	95.50	7/8	172.93	7/8	250.35	7/8	327.77	7/8	405.20	7/8	482.62	7/8	560.05	7/8	637.47	7/8	714.89
2	20.50	8	97.11	2	174.54	8	251.96	2	329.38	8	406.81	2	484.23	8	561.66	2	639.08	8	716.50
1/8	22.01	1/8	98.72	1/8	176.15	1/8	253.57	1/8	330.99	1/8	408.42	1/8	485.84	1/8	563.27	1/8	640.69	1/8	718.11
1/4	23.52	1/4	100.34	1/4	177.76	1/4	255.18	1/4	332.61	1/4	410.04	1/4	487.46	1/4	564.88	1/4	642.30	1/4	719.73
3/8	25.03	3/8	101.95	3/8	179.38	3/8	256.80	3/8	334.22	3/8	411.65	3/8	489.07	3/8	566.50	3/8	643.92	3/8	721.34
1/2	26.54	1/2	103.56	1/2	180.99	1/2	258.41	1/2	335.83	1/2	413.26	1/2	490.68	1/2	568.11	1/2	645.53	1/2	722.95
5/8	28.06	5/8	105.18	5/8	182.60	5/8	260.02	5/8	337.45	5/8	414.87	5/8	492.30	5/8	569.72	5/8	647.14	5/8	724.57
3/4	29.57	3/4	106.79	3/4	184.21	3/4	261.63	3/4	339.06	3/4	416.49	3/4	493.91	3/4	571.33	3/4	648.75	3/4	726.18
7/8	31.08	7/8	108.41	7/8	185.83	7/8	263.25	7/8	340.68	7/8	418.10	7/8	495.53	7/8	572.95	7/8	650.37	7/8	727.80
3	32.59	9	110.02	3	187.44	9	264.86	3	342.29	9	419.71	3	497.14	9	574.56	3	651.98	9	729.41
1/8	34.20	1/8	111.63	1/8	189.05	1/8	266.47	1/8	343.90	1/8	421.32	1/8	498.75	1/8	576.17	1/8	653.59	1/8	731.02
1/4	35.82	1/4	113.24	1/4	190.66	1/4	268.09	1/4	345.52	1/4	422.94	1/4	500.36	1/4	577.78	1/4	655.21	1/4	732.63
3/8	37.43	3/8	114.86	3/8	192.28	3/8	269.70	3/8	347.13	3/8	424.55	3/8	501.98	3/8	579.40	3/8	656.82	3/8	734.25
1/2	39.04	1/2	116.47	1/2	193.89	1/2	271.31	1/2	348.74	1/2	426.16	1/2	503.59	1/2	581.01	1/2	658.43	1/2	735.86
5/8	40.66	5/8	118.08	5/8	195.50	5/8	272.93	5/8	350.35	5/8	427.78	5/8	505.20	5/8	582.62	5/8	660.05	5/8	737.47
3/4	42.27	3/4	119.69	3/4	197.11	3/4	274.54	3/4	351.97	3/4	429.39	3/4	506.81	3/4	584.23	3/4	661.66	3/4	739.08
7/8	43.89	7/8	121.31	7/8	198.73	7/8	276.16	7/8	353.58	7/8	431.01	7/8	508.43	7/8	585.85	7/8	663.28	7/8	740.70
4	45.50	10	122.92	4	200.34	10	277.77	4	355.19	10	432.62	4	510.04	10	587.46	4	664.89	10	742.31
1/8	47.11	1/8	124.53	1/8	201.95	1/8	279.38	1/8	356.80	1/8	434.23	1/8	511.65	1/8	589.07	1/8	666.50	1/8	743.92
1/4	48.72	1/4	126.14	1/4	203.57	1/4	281.00	1/4	358.42	1/4	435.84	1/4	513.26	1/4	590.69	1/4	668.11	1/4	745.54
3/8	50.34	3/8	127.76	3/8	205.18	3/8	282.61	3/8	360.03	3/8	437.46	3/8	514.88	3/8	592.30	3/8	669.73	3/8	747.15
1/2	51.95	1/2	129.37	1/2	206.79	1/2	284.22	1/2	361.64	1/2	439.07	1/2	516.49	1/2	593.91	1/2	671.34	1/2	748.76
5/8	53.56	5/8	130.98	5/8	208.41	5/8	285.83	5/8	363.26	5/8	440.68	5/8	518.10	5/8	595.53	5/8	672.95	5/8	750.38
3/4	55.17	3/4	132.59	3/4	210.02	3/4	287.45	3/4	364.87	3/4	442.29	3/4	519.71	3/4	597.14	3/4	674.56	3/4	751.99
7/8	56.79	7/8	134.21	7/8	211.64	7/8	289.06	7/8	366.49	7/8	443.91	7/8	521.33	7/8	598.76	7/8	676.18	7/8	753.61
5	58.40	11	135.82	5	213.25	11	290.67	5	368.10	11	445.52	5	522.94	11	600.37	5	677.79	11	755.22
1/8	60.01	1/8	137.43	1/8	214.86	1/8	292.28	1/8	369.71	1/8	447.13	1/8	524.55	1/8	601.98	1/8	679.40	1/8	756.83
1/4	61.62	1/4	139.05	1/4	216.48	1/4	293.90	1/4	371.32	1/4	448.74	1/4	526.17	1/4	603.60	1/4	681.02	1/4	758.44
3/8	63.24	3/8	140.66	3/8	218.09	3/8	295.51	3/8	372.94	3/8	450.36	3/8	527.78	3/8	605.21	3/8	682.63	3/8	760.06
1/2	64.85	1/2	142.27	1/2	219.70	1/2	297.12	1/2	374.55	1/2	451.97	1/2	529.39	1/2	606.82	1/2	684.24	1/2	761.67
5/8	66.46	5/8	143.89	5/8	221.31	5/8	298.74	5/8	376.16	5/8	453.58	5/8	531.01	5/8	608.43	5/8	685.86	5/8	763.28
3/4	68.07	3/4	145.50	3/4	222.93	3/4	300.35	3/4	377.77	3/4	455.19	3/4	532.62	3/4	610.05	3/4	687.47	3/4	764.89
7/8	69.69	7/8	147.12	7/8	224.54	7/8	301.97	7/8	379.39	7/8	456.81	7/8	534.24	7/8	611.66	7/8	689.09	7/8	766.51

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.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 19'-03" FORWARD OF AFT BULKHEAD.

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 15001D"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	768.12	6	845.54	0	922.97	6	1,000.39	0	1,077.82	6	1,155.24	0	1,232.63	6	1,309.86	0	1,387.10	6	1,464.33
1/8	769.73	1/8	847.15	1/8	924.58	1/8	1,002.00	1/8	1,079.43	1/8	1,156.85	1/8	1,234.24	1/8	1,311.47	1/8	1,388.71	1/8	1,465.79
1/4	771.34	1/4	848.77	1/4	926.19	1/4	1,003.62	1/4	1,081.04	1/4	1,158.46	1/4	1,235.85	1/4	1,313.08	1/4	1,390.32	1/4	1,467.24
3/8	772.96	3/8	850.38	3/8	927.81	3/8	1,005.23	3/8	1,082.66	3/8	1,160.08	3/8	1,237.46	3/8	1,314.69	3/8	1,391.93	3/8	1,468.70
1/2	774.57	1/2	851.99	1/2	929.42	1/2	1,006.84	1/2	1,084.27	1/2	1,161.69	1/2	1,239.07	1/2	1,316.30	1/2	1,393.53	1/2	1,470.15
5/8	776.18	5/8	853.61	5/8	931.03	5/8	1,008.46	5/8	1,085.88	5/8	1,163.30	5/8	1,240.67	5/8	1,317.91	5/8	1,395.14	5/8	1,471.61
3/4	777.79	3/4	855.22	3/4	932.64	3/4	1,010.07	3/4	1,087.49	3/4	1,164.91	3/4	1,242.28	3/4	1,319.52	3/4	1,396.75	3/4	1,473.07
7/8	779.41	7/8	856.84	7/8	934.26	7/8	1,011.69	7/8	1,089.11	7/8	1,166.53	7/8	1,243.89	7/8	1,321.13	7/8	1,398.36	7/8	1,474.52
1	781.02	7	858.45	1	935.87	7	1,013.30	1	1,090.72	7	1,168.14	1	1,245.50	7	1,322.74	1	1,399.97	7	1,475.98
1/8	782.63	1/8	860.06	1/8	937.48	1/8	1,014.91	1/8	1,092.33	1/8	1,169.75	1/8	1,247.11	1/8	1,324.35	1/8	1,401.58	1/8	1,477.13
1/4	784.25	1/4	861.67	1/4	939.10	1/4	1,016.52	1/4	1,093.94	1/4	1,171.37	1/4	1,248.72	1/4	1,325.96	1/4	1,403.19	1/4	1,478.27
3/8	785.86	3/8	863.29	3/8	940.71	3/8	1,018.14	3/8	1,095.56	3/8	1,172.98	3/8	1,250.33	3/8	1,327.57	3/8	1,404.80	3/8	1,479.42
1/2	787.47	1/2	864.90	1/2	942.32	1/2	1,019.75	1/2	1,097.17	1/2	1,174.59	1/2	1,251.94	1/2	1,329.17	1/2	1,406.41	1/2	1,480.57
5/8	789.09	5/8	866.51	5/8	943.94	5/8	1,021.36	5/8	1,098.78	5/8	1,176.21	5/8	1,253.55	5/8	1,330.78	5/8	1,408.01	5/8	1,481.72
3/4	790.70	3/4	868.12	3/4	945.55	3/4	1,022.97	3/4	1,100.39	3/4	1,177.82	3/4	1,255.16	3/4	1,332.39	3/4	1,409.62	3/4	1,482.86
7/8	792.32	7/8	869.74	7/8	947.17	7/8	1,024.59	7/8	1,102.01	7/8	1,179.44	7/8	1,256.77	7/8	1,334.00	7/8	1,411.23	7/8	1,484.01
2	793.93	8	871.35	2	948.78	8	1,026.20	2	1,103.62	8	1,181.05	2	1,258.38	8	1,335.61	2	1,412.84	8	1,485.16
1/8	795.54	1/8	872.96	1/8	950.39	1/8	1,027.81	1/8	1,105.23	1/8	1,182.66	1/8	1,259.99	1/8	1,337.22	1/8	1,414.45	1/8	1,486.00
1/4	797.15	1/4	874.58	1/4	952.00	1/4	1,029.42	1/4	1,106.85	1/4	1,184.27	1/4	1,261.60	1/4	1,338.83	1/4	1,416.06	1/4	1,486.84
3/8	798.77	3/8	876.19	3/8	953.62	3/8	1,031.04	3/8	1,108.46	3/8	1,185.89	3/8	1,263.21	3/8	1,340.44	3/8	1,417.67	3/8	1,487.68
1/2	800.38	1/2	877.80	1/2	955.23	1/2	1,032.65	1/2	1,110.07	1/2	1,187.50	1/2	1,264.81	1/2	1,342.05	1/2	1,419.28	1/2	1,488.52
5/8	801.99	5/8	879.42	5/8	956.84	5/8	1,034.26	5/8	1,111.69	5/8	1,189.11	5/8	1,266.42	5/8	1,343.65	5/8	1,420.88	5/8	1,489.37
3/4	803.60	3/4	881.03	3/4	958.45	3/4	1,035.87	3/4	1,113.30	3/4	1,190.72	3/4	1,268.03	3/4	1,345.26	3/4	1,422.49	3/4	1,490.21
7/8	805.22	7/8	882.65	7/8	960.07	7/8	1,037.49	7/8	1,114.92	7/8	1,192.34	7/8	1,269.64	7/8	1,346.87	7/8	1,424.10	7/8	1,491.05
3	806.83	9	884.26	3	961.68	9	1,039.10	3	1,116.53	9	1,193.95	3	1,271.25	9	1,348.48	3	1,425.71	9	1,491.89
1/8	808.44	1/8	885.87	1/8	963.29	1/8	1,040.71	1/8	1,118.14	1/8	1,195.56	1/8	1,272.86	1/8	1,350.09	1/8	1,427.32	1/8	1,492.43
1/4	810.06	1/4	887.48	1/4	964.90	1/4	1,042.33	1/4	1,119.75	1/4	1,197.18	1/4	1,274.47	1/4	1,351.70	1/4	1,428.93	1/4	1,492.96
3/8	811.67	3/8	889.10	3/8	966.52	3/8	1,043.94	3/8	1,121.37	3/8	1,198.79	3/8	1,276.08	3/8	1,353.31	3/8	1,430.54	3/8	1,493.50
1/2	813.28	1/2	890.71	1/2	968.13	1/2	1,045.55	1/2	1,122.98	1/2	1,200.40	1/2	1,277.69	1/2	1,354.92	1/2	1,432.15	1/2	1,494.03
5/8	814.90	5/8	892.32	5/8	969.74	5/8	1,047.17	5/8	1,124.59	5/8	1,202.02	5/8	1,279.29	5/8	1,356.52	5/8	1,433.75	5/8	1,494.57
3/4	816.51	3/4	893.93	3/4	971.35	3/4	1,048.78	3/4	1,126.20	3/4	1,203.63	3/4	1,280.90	3/4	1,358.13	3/4	1,435.36	3/4	1,495.11
7/8	818.13	7/8	895.55	7/8	972.97	7/8	1,050.40	7/8	1,127.82	7/8	1,205.25	7/8	1,282.51	7/8	1,359.74	7/8	1,436.97	7/8	1,495.64
4	819.74	10	897.16	4	974.58	10	1,052.01	4	1,129.43	10	1,206.86	4	1,284.12	10	1,361.35	4	1,438.58	10	1,496.18
1/8	821.35	1/8	898.77	1/8	976.19	1/8	1,053.62	1/8	1,131.04	1/8	1,208.47	1/8	1,285.73	1/8	1,362.96	1/8	1,440.19	1/8	1,496.41
1/4	822.96	1/4	900.38	1/4	977.81	1/4	1,055.23	1/4	1,132.66	1/4	1,210.08	1/4	1,287.34	1/4	1,364.57	1/4	1,441.80	1/4	1,496.63
3/8	824.58	3/8	902.00	3/8	979.42	3/8	1,056.85	3/8	1,134.27	3/8	1,211.70	3/8	1,288.95	3/8	1,366.18	3/8	1,443.41	3/8	1,496.86
1/2	826.19	1/2	903.61	1/2	981.03	1/2	1,058.46	1/2	1,135.88	1/2	1,213.31	1/2	1,290.56	1/2	1,367.79	1/2	1,445.02	1/2	1,497.08
5/8	827.80	5/8	905.22	5/8	982.65	5/8	1,060.07	5/8	1,137.50	5/8	1,214.92	5/8	1,292.16	5/8	1,369.39	5/8	1,446.63	5/8	1,497.31
3/4	829.41	3/4	906.83	3/4	984.26	3/4	1,061.68	3/4	1,139.11	3/4	1,216.53	3/4	1,293.77	3/4	1,371.00	3/4	1,448.24	3/4	1,497.54
7/8	831.03	7/8	908.45	7/8	985.88	7/8	1,063.30	7/8	1,140.73	7/8	1,218.15	7/8	1,295.38	7/8	1,372.61	7/8	1,449.85	7/8	1,497.76
5	832.64	11	910.06	5	987.49	11	1,064.91	5	1,142.34	11	1,219.76	5	1,296.99	11	1,374.22	5	1,451.46	11	1,497.99
1/8	834.25	1/8	911.67	1/8	989.10	1/8	1,066.52	1/8	1,143.95	1/8	1,221.37	1/8	1,298.60	1/8	1,375.83	1/8	1,453.07	1/8	1,498.02
1/4	835.86	1/4	913.29	1/4	990.71	1/4	1,068.14	1/4	1,145.56	1/4	1,222.98	1/4	1,300.21	1/4	1,377.44	1/4	1,454.68	1/4	1,498.06
3/8	837.48	3/8	914.90	3/8	992.33	3/8	1,069.75	3/8	1,147.18	3/8	1,224.59	3/8	1,301.82	3/8	1,379.05	3/8	1,456.29	3/8	1,498.10
1/2	839.09	1/2	916.51	1/2	993.94	1/2	1,071.36	1/2	1,148.79	1/2	1,226.19	1/2	1,303.43	1/2	1,380.66	1/2	1,457.89	1/2	1,498.14
5/8	840.70	5/8	918.13	5/8	995.55	5/8	1,072.98	5/8	1,150.40	5/8	1,227.80	5/8	1,305.03	5/8	1,382.27	5/8	1,459.50	5/8	1,498.18
3/4	842.31	3/4	919.74	3/4	997.16	3/4	1,074.59	3/4	1,152.01	3/4	1,229.41	3/4	1,306.64	3/4	1,383.88	3/4	1,461.11	3/4	1,498.22
7/8	843.93	7/8	921.36	7/8	998.78	7/8	1,076.21	7/8	1,153.63	7/8	1,231.02	7/8	1,308.25	7/8	1,385.49	7/8	1,462.72	7/8	1,498.26

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CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 15001D"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-06 1/2"

0 FT.		0 FT.		1 FT.		1 FT.		2 FT.		2 FT.		3 FT.		3 FT.		4 FT.		4 FT.	
0	4.37	6	71.30	0	148.73	6	226.15	0	303.58	6	381.00	0	458.42	6	535.85	0	613.27	6	690.70
1/8	5.18	1/8	72.91	1/8	150.34	1/8	227.76	1/8	305.19	1/8	382.61	1/8	460.03	1/8	537.46	1/8	614.88	1/8	692.31
1/4	5.98	1/4	74.53	1/4	151.96	1/4	229.38	1/4	306.80	1/4	384.22	1/4	461.65	1/4	539.08	1/4	616.50	1/4	693.92
3/8	6.79	3/8	76.14	3/8	153.57	3/8	230.99	3/8	308.42	3/8	385.84	3/8	463.26	3/8	540.69	3/8	618.11	3/8	695.54
1/2	7.59	1/2	77.75	1/2	155.18	1/2	232.60	1/2	310.03	1/2	387.45	1/2	464.87	1/2	542.30	1/2	619.72	1/2	697.15
5/8	8.40	5/8	79.37	5/8	156.79	5/8	234.22	5/8	311.64	5/8	389.06	5/8	466.49	5/8	543.91	5/8	621.34	5/8	698.76
3/4	9.21	3/4	80.98	3/4	158.41	3/4	235.83	3/4	313.25	3/4	390.67	3/4	468.10	3/4	545.53	3/4	622.95	3/4	700.37
7/8	10.01	7/8	82.60	7/8	160.02	7/8	237.45	7/8	314.87	7/8	392.29	7/8	469.72	7/8	547.14	7/8	624.57	7/8	701.99
1	10.82	7	84.21	1	161.63	7	239.06	1	316.48	7	393.90	1	471.33	7	548.75	1	626.18	7	703.60
1/8	12.03	1/8	85.82	1/8	163.24	1/8	240.67	1/8	318.09	1/8	395.51	1/8	472.94	1/8	550.36	1/8	627.79	1/8	705.21
1/4	13.24	1/4	87.43	1/4	164.86	1/4	242.28	1/4	319.70	1/4	397.13	1/4	474.56	1/4	551.98	1/4	629.40	1/4	706.82
3/8	14.45	3/8	89.05	3/8	166.47	3/8	243.90	3/8	321.32	3/8	398.74	3/8	476.17	3/8	553.59	3/8	631.02	3/8	708.44
1/2	15.66	1/2	90.66	1/2	168.08	1/2	245.51	1/2	322.93	1/2	400.35	1/2	477.78	1/2	555.20	1/2	632.63	1/2	710.05
5/8	16.87	5/8	92.27	5/8	169.70	5/8	247.12	5/8	324.54	5/8	401.97	5/8	479.39	5/8	556.82	5/8	634.24	5/8	711.66
3/4	18.08	3/4	93.88	3/4	171.31	3/4	248.73	3/4	326.15	3/4	403.58	3/4	481.01	3/4	558.43	3/4	635.85	3/4	713.27
7/8	19.29	7/8	95.50	7/8	172.93	7/8	250.35	7/8	327.77	7/8	405.20	7/8	482.62	7/8	560.05	7/8	637.47	7/8	714.89
2	20.50	8	97.11	2	174.54	8	251.96	2	329.38	8	406.81	2	484.23	8	561.66	2	639.08	8	716.50
1/8	22.01	1/8	98.72	1/8	176.15	1/8	253.57	1/8	330.99	1/8	408.42	1/8	485.84	1/8	563.27	1/8	640.69	1/8	718.11
1/4	23.52	1/4	100.34	1/4	177.76	1/4	255.18	1/4	332.61	1/4	410.04	1/4	487.46	1/4	564.88	1/4	642.30	1/4	719.73
3/8	25.03	3/8	101.95	3/8	179.38	3/8	256.80	3/8	334.22	3/8	411.65	3/8	489.07	3/8	566.50	3/8	643.92	3/8	721.34
1/2	26.54	1/2	103.56	1/2	180.99	1/2	258.41	1/2	335.83	1/2	413.26	1/2	490.68	1/2	568.11	1/2	645.53	1/2	722.95
5/8	28.06	5/8	105.18	5/8	182.60	5/8	260.02	5/8	337.45	5/8	414.87	5/8	492.30	5/8	569.72	5/8	647.14	5/8	724.57
3/4	29.57	3/4	106.79	3/4	184.21	3/4	261.63	3/4	339.06	3/4	416.49	3/4	493.91	3/4	571.33	3/4	648.75	3/4	726.18
7/8	31.08	7/8	108.41	7/8	185.83	7/8	263.25	7/8	340.68	7/8	418.10	7/8	495.53	7/8	572.95	7/8	650.37	7/8	727.80
3	32.59	9	110.02	3	187.44	9	264.86	3	342.29	9	419.71	3	497.14	9	574.56	3	651.98	9	729.41
1/8	34.20	1/8	111.63	1/8	189.05	1/8	266.47	1/8	343.90	1/8	421.32	1/8	498.75	1/8	576.17	1/8	653.59	1/8	731.02
1/4	35.82	1/4	113.24	1/4	190.66	1/4	268.09	1/4	345.52	1/4	422.94	1/4	500.36	1/4	577.78	1/4	655.21	1/4	732.63
3/8	37.43	3/8	114.86	3/8	192.28	3/8	269.70	3/8	347.13	3/8	424.55	3/8	501.98	3/8	579.40	3/8	656.82	3/8	734.25
1/2	39.04	1/2	116.47	1/2	193.89	1/2	271.31	1/2	348.74	1/2	426.16	1/2	503.59	1/2	581.01	1/2	658.43	1/2	735.86
5/8	40.66	5/8	118.08	5/8	195.50	5/8	272.93	5/8	350.35	5/8	427.78	5/8	505.20	5/8	582.62	5/8	660.05	5/8	737.47
3/4	42.27	3/4	119.69	3/4	197.11	3/4	274.54	3/4	351.97	3/4	429.39	3/4	506.81	3/4	584.23	3/4	661.66	3/4	739.08
7/8	43.89	7/8	121.31	7/8	198.73	7/8	276.16	7/8	353.58	7/8	431.01	7/8	508.43	7/8	585.85	7/8	663.28	7/8	740.70
4	45.50	10	122.92	4	200.34	10	277.77	4	355.19	10	432.62	4	510.04	10	587.46	4	664.89	10	742.31
1/8	47.11	1/8	124.53	1/8	201.95	1/8	279.38	1/8	356.80	1/8	434.23	1/8	511.65	1/8	589.07	1/8	666.50	1/8	743.92
1/4	48.72	1/4	126.14	1/4	203.57	1/4	281.00	1/4	358.42	1/4	435.84	1/4	513.26	1/4	590.69	1/4	668.11	1/4	745.54
3/8	50.34	3/8	127.76	3/8	205.18	3/8	282.61	3/8	360.03	3/8	437.46	3/8	514.88	3/8	592.30	3/8	669.73	3/8	747.15
1/2	51.95	1/2	129.37	1/2	206.79	1/2	284.22	1/2	361.64	1/2	439.07	1/2	516.49	1/2	593.91	1/2	671.34	1/2	748.76
5/8	53.56	5/8	130.98	5/8	208.41	5/8	285.83	5/8	363.26	5/8	440.68	5/8	518.10	5/8	595.53	5/8	672.95	5/8	750.38
3/4	55.17	3/4	132.59	3/4	210.02	3/4	287.45	3/4	364.87	3/4	442.29	3/4	519.71	3/4	597.14	3/4	674.56	3/4	751.99
7/8	56.79	7/8	134.21	7/8	211.64	7/8	289.06	7/8	366.49	7/8	443.91	7/8	521.33	7/8	598.76	7/8	676.18	7/8	753.61
5	58.40	11	135.82	5	213.25	11	290.67	5	368.10	11	445.52	5	522.94	11	600.37	5	677.79	11	755.22
1/8	60.01	1/8	137.43	1/8	214.86	1/8	292.28	1/8	369.71	1/8	447.13	1/8	524.55	1/8	601.98	1/8	679.40	1/8	756.83
1/4	61.62	1/4	139.05	1/4	216.48	1/4	293.90	1/4	371.32	1/4	448.74	1/4	526.17	1/4	603.60	1/4	681.02	1/4	758.44
3/8	63.24	3/8	140.66	3/8	218.09	3/8	295.51	3/8	372.94	3/8	450.36	3/8	527.78	3/8	605.21	3/8	682.63	3/8	760.06
1/2	64.85	1/2	142.27	1/2	219.70	1/2	297.12	1/2	374.55	1/2	451.97	1/2	529.39	1/2	606.82	1/2	684.24	1/2	761.67
5/8	66.46	5/8	143.89	5/8	221.31	5/8	298.74	5/8	376.16	5/8	453.58	5/8	531.01	5/8	608.43	5/8	685.86	5/8	763.28
3/4	68.07	3/4	145.50	3/4	222.93	3/4	300.35	3/4	377.77	3/4	455.19	3/4	532.62	3/4	610.05	3/4	687.47	3/4	764.89
7/8	69.69	7/8	147.12	7/8	224.54	7/8	301.97	7/8	379.39	7/8	456.81	7/8	534.24	7/8	611.66	7/8	689.09	7/8	766.51

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.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 19'-03" FORWARD OF AFT BULKHEAD.

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 15001D"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-06 1/2"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	768.12	6	845.54	0	922.97	6	1,000.39	0	1,077.82	6	1,155.24	0	1,232.63	6	1,309.86	0	1,387.10	6	1,464.33
1/8	769.73	1/8	847.15	1/8	924.58	1/8	1,002.00	1/8	1,079.43	1/8	1,156.85	1/8	1,234.24	1/8	1,311.47	1/8	1,388.71	1/8	1,465.79
1/4	771.34	1/4	848.77	1/4	926.19	1/4	1,003.62	1/4	1,081.04	1/4	1,158.46	1/4	1,235.85	1/4	1,313.08	1/4	1,390.32	1/4	1,467.24
3/8	772.96	3/8	850.38	3/8	927.81	3/8	1,005.23	3/8	1,082.66	3/8	1,160.08	3/8	1,237.46	3/8	1,314.69	3/8	1,391.93	3/8	1,468.70
1/2	774.57	1/2	851.99	1/2	929.42	1/2	1,006.84	1/2	1,084.27	1/2	1,161.69	1/2	1,239.07	1/2	1,316.30	1/2	1,393.53	1/2	1,470.15
5/8	776.18	5/8	853.61	5/8	931.03	5/8	1,008.46	5/8	1,085.88	5/8	1,163.30	5/8	1,240.67	5/8	1,317.91	5/8	1,395.14	5/8	1,471.61
3/4	777.79	3/4	855.22	3/4	932.64	3/4	1,010.07	3/4	1,087.49	3/4	1,164.91	3/4	1,242.28	3/4	1,319.52	3/4	1,396.75	3/4	1,473.07
7/8	779.41	7/8	856.84	7/8	934.26	7/8	1,011.69	7/8	1,089.11	7/8	1,166.53	7/8	1,243.89	7/8	1,321.13	7/8	1,398.36	7/8	1,474.52
1	781.02	7	858.45	1	935.87	7	1,013.30	1	1,090.72	7	1,168.14	1	1,245.50	7	1,322.74	1	1,399.97	7	1,475.98
1/8	782.63	1/8	860.06	1/8	937.48	1/8	1,014.91	1/8	1,092.33	1/8	1,169.75	1/8	1,247.11	1/8	1,324.35	1/8	1,401.58	1/8	1,477.13
1/4	784.25	1/4	861.67	1/4	939.10	1/4	1,016.52	1/4	1,093.94	1/4	1,171.37	1/4	1,248.72	1/4	1,325.96	1/4	1,403.19	1/4	1,478.27
3/8	785.86	3/8	863.29	3/8	940.71	3/8	1,018.14	3/8	1,095.56	3/8	1,172.98	3/8	1,250.33	3/8	1,327.57	3/8	1,404.80	3/8	1,479.42
1/2	787.47	1/2	864.90	1/2	942.32	1/2	1,019.75	1/2	1,097.17	1/2	1,174.59	1/2	1,251.94	1/2	1,329.17	1/2	1,406.41	1/2	1,480.57
5/8	789.09	5/8	866.51	5/8	943.94	5/8	1,021.36	5/8	1,098.78	5/8	1,176.21	5/8	1,253.55	5/8	1,330.78	5/8	1,408.01	5/8	1,481.72
3/4	790.70	3/4	868.12	3/4	945.55	3/4	1,022.97	3/4	1,100.39	3/4	1,177.82	3/4	1,255.16	3/4	1,332.39	3/4	1,409.62	3/4	1,482.86
7/8	792.32	7/8	869.74	7/8	947.17	7/8	1,024.59	7/8	1,102.01	7/8	1,179.44	7/8	1,256.77	7/8	1,334.00	7/8	1,411.23	7/8	1,484.01
2	793.93	8	871.35	2	948.78	8	1,026.20	2	1,103.62	8	1,181.05	2	1,258.38	8	1,335.61	2	1,412.84	8	1,485.16
1/8	795.54	1/8	872.96	1/8	950.39	1/8	1,027.81	1/8	1,105.23	1/8	1,182.66	1/8	1,259.99	1/8	1,337.22	1/8	1,414.45	1/8	1,486.00
1/4	797.15	1/4	874.58	1/4	952.00	1/4	1,029.42	1/4	1,106.85	1/4	1,184.27	1/4	1,261.60	1/4	1,338.83	1/4	1,416.06	1/4	1,486.84
3/8	798.77	3/8	876.19	3/8	953.62	3/8	1,031.04	3/8	1,108.46	3/8	1,185.89	3/8	1,263.21	3/8	1,340.44	3/8	1,417.67	3/8	1,487.68
1/2	800.38	1/2	877.80	1/2	955.23	1/2	1,032.65	1/2	1,110.07	1/2	1,187.50	1/2	1,264.81	1/2	1,342.05	1/2	1,419.28	1/2	1,488.52
5/8	801.99	5/8	879.42	5/8	956.84	5/8	1,034.26	5/8	1,111.69	5/8	1,189.11	5/8	1,266.42	5/8	1,343.65	5/8	1,420.88	5/8	1,489.37
3/4	803.60	3/4	881.03	3/4	958.45	3/4	1,035.87	3/4	1,113.30	3/4	1,190.72	3/4	1,268.03	3/4	1,345.26	3/4	1,422.49	3/4	1,490.21
7/8	805.22	7/8	882.65	7/8	960.07	7/8	1,037.49	7/8	1,114.92	7/8	1,192.34	7/8	1,269.64	7/8	1,346.87	7/8	1,424.10	7/8	1,491.05
3	806.83	9	884.26	3	961.68	9	1,039.10	3	1,116.53	9	1,193.95	3	1,271.25	9	1,348.48	3	1,425.71	9	1,491.89
1/8	808.44	1/8	885.87	1/8	963.29	1/8	1,040.71	1/8	1,118.14	1/8	1,195.56	1/8	1,272.86	1/8	1,350.09	1/8	1,427.32	1/8	1,492.43
1/4	810.06	1/4	887.48	1/4	964.90	1/4	1,042.33	1/4	1,119.75	1/4	1,197.18	1/4	1,274.47	1/4	1,351.70	1/4	1,428.93	1/4	1,492.96
3/8	811.67	3/8	889.10	3/8	966.52	3/8	1,043.94	3/8	1,121.37	3/8	1,198.79	3/8	1,276.08	3/8	1,353.31	3/8	1,430.54	3/8	1,493.50
1/2	813.28	1/2	890.71	1/2	968.13	1/2	1,045.55	1/2	1,122.98	1/2	1,200.40	1/2	1,277.69	1/2	1,354.92	1/2	1,432.15	1/2	1,494.03
5/8	814.90	5/8	892.32	5/8	969.74	5/8	1,047.17	5/8	1,124.59	5/8	1,202.02	5/8	1,279.29	5/8	1,356.52	5/8	1,433.75	5/8	1,494.57
3/4	816.51	3/4	893.93	3/4	971.35	3/4	1,048.78	3/4	1,126.20	3/4	1,203.63	3/4	1,280.90	3/4	1,358.13	3/4	1,435.36	3/4	1,495.11
7/8	818.13	7/8	895.55	7/8	972.97	7/8	1,050.40	7/8	1,127.82	7/8	1,205.25	7/8	1,282.51	7/8	1,359.74	7/8	1,436.97	7/8	1,495.64
4	819.74	10	897.16	4	974.58	10	1,052.01	4	1,129.43	10	1,206.86	4	1,284.12	10	1,361.35	4	1,438.58	10	1,496.18
1/8	821.35	1/8	898.77	1/8	976.19	1/8	1,053.62	1/8	1,131.04	1/8	1,208.47	1/8	1,285.73	1/8	1,362.96	1/8	1,440.19	1/8	1,496.41
1/4	822.96	1/4	900.38	1/4	977.81	1/4	1,055.23	1/4	1,132.66	1/4	1,210.08	1/4	1,287.34	1/4	1,364.57	1/4	1,441.80	1/4	1,496.63
3/8	824.58	3/8	902.00	3/8	979.42	3/8	1,056.85	3/8	1,134.27	3/8	1,211.70	3/8	1,288.95	3/8	1,366.18	3/8	1,443.41	3/8	1,496.86
1/2	826.19	1/2	903.61	1/2	981.03	1/2	1,058.46	1/2	1,135.88	1/2	1,213.31	1/2	1,290.56	1/2	1,367.79	1/2	1,445.02	1/2	1,497.08
5/8	827.80	5/8	905.22	5/8	982.65	5/8	1,060.07	5/8	1,137.50	5/8	1,214.92	5/8	1,292.16	5/8	1,369.39	5/8	1,446.63	5/8	1,497.31
3/4	829.41	3/4	906.83	3/4	984.26	3/4	1,061.68	3/4	1,139.11	3/4	1,216.53	3/4	1,293.77	3/4	1,371.00	3/4	1,448.24	3/4	1,497.54
7/8	831.03	7/8	908.45	7/8	985.88	7/8	1,063.30	7/8	1,140.73	7/8	1,218.15	7/8	1,295.38	7/8	1,372.61	7/8	1,449.85	7/8	1,497.76
5	832.64	11	910.06	5	987.49	11	1,064.91	5	1,142.34	11	1,219.76	5	1,296.99	11	1,374.22	5	1,451.46	11	1,497.99
1/8	834.25	1/8	911.67	1/8	989.10	1/8	1,066.52	1/8	1,143.95	1/8	1,221.37	1/8	1,298.60	1/8	1,375.83	1/8	1,453.07	1/8	1,498.02
1/4	835.86	1/4	913.29	1/4	990.71	1/4	1,068.14	1/4	1,145.56	1/4	1,222.98	1/4	1,300.21	1/4	1,377.44	1/4	1,454.68	1/4	1,498.06
3/8	837.48	3/8	914.90	3/8	992.33	3/8	1,069.75	3/8	1,147.18	3/8	1,224.59	3/8	1,301.82	3/8	1,379.05	3/8	1,456.29	3/8	
1/2	839.09	1/2	916.51	1/2	993.94	1/2	1,071.36	1/2	1,148.79	1/2	1,226.19	1/2	1,303.43	1/2	1,380.66	1/2	1,457.89	1/2	
5/8	840.70	5/8	918.13	5/8	995.55	5/8	1,072.98	5/8	1,150.40	5/8	1,227.80	5/8	1,305.03	5/8	1,382.27	5/8	1,459.50	5/8	
3/4	842.31	3/4	919.74	3/4	997.16	3/4	1,074.59	3/4	1,152.01	3/4	1,229.41	3/4	1,306.64	3/4	1,383.88	3/4	1,461.11	3/4	
7/8	843.93	7/8	921.36	7/8	998.78	7/8	1,076.21	7/8	1,153.63	7/8	1,231.02	7/8	1,308.25	7/8	1,385.49	7/8	1,462.72	7/8	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

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 15001D"

4 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	4.37	6	71.30	0	148.73	6	226.15	0	303.58	6	381.00	0	458.42	6	535.85	0	613.27	6	690.70
1/8	5.18	1/8	72.91	1/8	150.34	1/8	227.76	1/8	305.19	1/8	382.61	1/8	460.03	1/8	537.46	1/8	614.88	1/8	692.31
1/4	5.98	1/4	74.53	1/4	151.96	1/4	229.38	1/4	306.80	1/4	384.22	1/4	461.65	1/4	539.08	1/4	616.50	1/4	693.92
3/8	6.79	3/8	76.14	3/8	153.57	3/8	230.99	3/8	308.42	3/8	385.84	3/8	463.26	3/8	540.69	3/8	618.11	3/8	695.54
1/2	7.59	1/2	77.75	1/2	155.18	1/2	232.60	1/2	310.03	1/2	387.45	1/2	464.87	1/2	542.30	1/2	619.72	1/2	697.15
5/8	8.40	5/8	79.37	5/8	156.79	5/8	234.22	5/8	311.64	5/8	389.06	5/8	466.49	5/8	543.91	5/8	621.34	5/8	698.76
3/4	9.21	3/4	80.98	3/4	158.41	3/4	235.83	3/4	313.25	3/4	390.67	3/4	468.10	3/4	545.53	3/4	622.95	3/4	700.37
7/8	10.01	7/8	82.60	7/8	160.02	7/8	237.45	7/8	314.87	7/8	392.29	7/8	469.72	7/8	547.14	7/8	624.57	7/8	701.99
1	10.82	7	84.21	1	161.63	7	239.06	1	316.48	7	393.90	1	471.33	7	548.75	1	626.18	7	703.60
1/8	12.03	1/8	85.82	1/8	163.24	1/8	240.67	1/8	318.09	1/8	395.51	1/8	472.94	1/8	550.36	1/8	627.79	1/8	705.21
1/4	13.24	1/4	87.43	1/4	164.86	1/4	242.28	1/4	319.70	1/4	397.13	1/4	474.56	1/4	551.98	1/4	629.40	1/4	706.82
3/8	14.45	3/8	89.05	3/8	166.47	3/8	243.90	3/8	321.32	3/8	398.74	3/8	476.17	3/8	553.59	3/8	631.02	3/8	708.44
1/2	15.66	1/2	90.66	1/2	168.08	1/2	245.51	1/2	322.93	1/2	400.35	1/2	477.78	1/2	555.20	1/2	632.63	1/2	710.05
5/8	16.87	5/8	92.27	5/8	169.70	5/8	247.12	5/8	324.54	5/8	401.97	5/8	479.39	5/8	556.82	5/8	634.24	5/8	711.66
3/4	18.08	3/4	93.88	3/4	171.31	3/4	248.73	3/4	326.15	3/4	403.58	3/4	481.01	3/4	558.43	3/4	635.85	3/4	713.27
7/8	19.29	7/8	95.50	7/8	172.93	7/8	250.35	7/8	327.77	7/8	405.20	7/8	482.62	7/8	560.05	7/8	637.47	7/8	714.89
2	20.50	8	97.11	2	174.54	8	251.96	2	329.38	8	406.81	2	484.23	8	561.66	2	639.08	8	716.50
1/8	22.01	1/8	98.72	1/8	176.15	1/8	253.57	1/8	330.99	1/8	408.42	1/8	485.84	1/8	563.27	1/8	640.69	1/8	718.11
1/4	23.52	1/4	100.34	1/4	177.76	1/4	255.18	1/4	332.61	1/4	410.04	1/4	487.46	1/4	564.88	1/4	642.30	1/4	719.73
3/8	25.03	3/8	101.95	3/8	179.38	3/8	256.80	3/8	334.22	3/8	411.65	3/8	489.07	3/8	566.50	3/8	643.92	3/8	721.34
1/2	26.54	1/2	103.56	1/2	180.99	1/2	258.41	1/2	335.83	1/2	413.26	1/2	490.68	1/2	568.11	1/2	645.53	1/2	722.95
5/8	28.06	5/8	105.18	5/8	182.60	5/8	260.02	5/8	337.45	5/8	414.87	5/8	492.30	5/8	569.72	5/8	647.14	5/8	724.57
3/4	29.57	3/4	106.79	3/4	184.21	3/4	261.63	3/4	339.06	3/4	416.49	3/4	493.91	3/4	571.33	3/4	648.75	3/4	726.18
7/8	31.08	7/8	108.41	7/8	185.83	7/8	263.25	7/8	340.68	7/8	418.10	7/8	495.53	7/8	572.95	7/8	650.37	7/8	727.80
3	32.59	9	110.02	3	187.44	9	264.86	3	342.29	9	419.71	3	497.14	9	574.56	3	651.98	9	729.41
1/8	34.20	1/8	111.63	1/8	189.05	1/8	266.47	1/8	343.90	1/8	421.32	1/8	498.75	1/8	576.17	1/8	653.59	1/8	731.02
1/4	35.82	1/4	113.24	1/4	190.66	1/4	268.09	1/4	345.52	1/4	422.94	1/4	500.36	1/4	577.78	1/4	655.21	1/4	732.63
3/8	37.43	3/8	114.86	3/8	192.28	3/8	269.70	3/8	347.13	3/8	424.55	3/8	501.98	3/8	579.40	3/8	656.82	3/8	734.25
1/2	39.04	1/2	116.47	1/2	193.89	1/2	271.31	1/2	348.74	1/2	426.16	1/2	503.59	1/2	581.01	1/2	658.43	1/2	735.86
5/8	40.66	5/8	118.08	5/8	195.50	5/8	272.93	5/8	350.35	5/8	427.78	5/8	505.20	5/8	582.62	5/8	660.05	5/8	737.47
3/4	42.27	3/4	119.69	3/4	197.11	3/4	274.54	3/4	351.97	3/4	429.39	3/4	506.81	3/4	584.23	3/4	661.66	3/4	739.08
7/8	43.89	7/8	121.31	7/8	198.73	7/8	276.16	7/8	353.58	7/8	431.01	7/8	508.43	7/8	585.85	7/8	663.28	7/8	740.70
4	45.50	10	122.92	4	200.34	10	277.77	4	355.19	10	432.62	4	510.04	10	587.46	4	664.89	10	742.31
1/8	47.11	1/8	124.53	1/8	201.95	1/8	279.38	1/8	356.80	1/8	434.23	1/8	511.65	1/8	589.07	1/8	666.50	1/8	743.92
1/4	48.72	1/4	126.14	1/4	203.57	1/4	281.00	1/4	358.42	1/4	435.84	1/4	513.26	1/4	590.69	1/4	668.11	1/4	745.54
3/8	50.34	3/8	127.76	3/8	205.18	3/8	282.61	3/8	360.03	3/8	437.46	3/8	514.88	3/8	592.30	3/8	669.73	3/8	747.15
1/2	51.95	1/2	129.37	1/2	206.79	1/2	284.22	1/2	361.64	1/2	439.07	1/2	516.49	1/2	593.91	1/2	671.34	1/2	748.76
5/8	53.56	5/8	130.98	5/8	208.41	5/8	285.83	5/8	363.26	5/8	440.68	5/8	518.10	5/8	595.53	5/8	672.95	5/8	750.38
3/4	55.17	3/4	132.59	3/4	210.02	3/4	287.45	3/4	364.87	3/4	442.29	3/4	519.71	3/4	597.14	3/4	674.56	3/4	751.99
7/8	56.79	7/8	134.21	7/8	211.64	7/8	289.06	7/8	366.49	7/8	443.91	7/8	521.33	7/8	598.76	7/8	676.18	7/8	753.61
5	58.40	11	135.82	5	213.25	11	290.67	5	368.10	11	445.52	5	522.94	11	600.37	5	677.79	11	755.22
1/8	60.01	1/8	137.43	1/8	214.86	1/8	292.28	1/8	369.71	1/8	447.13	1/8	524.55	1/8	601.98	1/8	679.40	1/8	756.83
1/4	61.62	1/4	139.05	1/4	216.48	1/4	293.90	1/4	371.32	1/4	448.74	1/4	526.17	1/4	603.60	1/4	681.02	1/4	758.44
3/8	63.24	3/8	140.66	3/8	218.09	3/8	295.51	3/8	372.94	3/8	450.36	3/8	527.78	3/8	605.21	3/8	682.63	3/8	760.06
1/2	64.85	1/2	142.27	1/2	219.70	1/2	297.12	1/2	374.55	1/2	451.97	1/2	529.39	1/2	606.82	1/2	684.24	1/2	761.67
5/8	66.46	5/8	143.89	5/8	221.31	5/8	298.74	5/8	376.16	5/8	453.58	5/8	531.01	5/8	608.43	5/8	685.86	5/8	763.28
3/4	68.07	3/4	145.50	3/4	222.93	3/4	300.35	3/4	377.77	3/4	455.19	3/4	532.62	3/4	610.05	3/4	687.47	3/4	764.89
7/8	69.69	7/8	147.12	7/8	224.54	7/8	301.97	7/8	379.39	7/8	456.81	7/8	534.24	7/8	611.66	7/8	689.09	7/8	766.51

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.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 19'-03" FORWARD OF AFT BULKHEAD.

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 15001D"

4 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	768.12	6	845.54	0	922.97	6	1,000.39	0	1,077.82	6	1,155.24	0	1,232.63	6	1,309.87	0	1,387.10	6	1,464.33
1/8	769.73	1/8	847.15	1/8	924.58	1/8	1,002.00	1/8	1,079.43	1/8	1,156.85	1/8	1,234.24	1/8	1,311.48	1/8	1,388.71	1/8	1,465.79
1/4	771.34	1/4	848.77	1/4	926.19	1/4	1,003.62	1/4	1,081.04	1/4	1,158.46	1/4	1,235.85	1/4	1,313.09	1/4	1,390.32	1/4	1,467.24
3/8	772.96	3/8	850.38	3/8	927.81	3/8	1,005.23	3/8	1,082.66	3/8	1,160.08	3/8	1,237.46	3/8	1,314.70	3/8	1,391.93	3/8	1,468.70
1/2	774.57	1/2	851.99	1/2	929.42	1/2	1,006.84	1/2	1,084.27	1/2	1,161.69	1/2	1,239.07	1/2	1,316.30	1/2	1,393.53	1/2	1,470.15
5/8	776.18	5/8	853.61	5/8	931.03	5/8	1,008.46	5/8	1,085.88	5/8	1,163.30	5/8	1,240.67	5/8	1,317.91	5/8	1,395.14	5/8	1,471.61
3/4	777.79	3/4	855.22	3/4	932.64	3/4	1,010.07	3/4	1,087.49	3/4	1,164.91	3/4	1,242.28	3/4	1,319.52	3/4	1,396.75	3/4	1,473.07
7/8	779.41	7/8	856.84	7/8	934.26	7/8	1,011.69	7/8	1,089.11	7/8	1,166.53	7/8	1,243.89	7/8	1,321.13	7/8	1,398.36	7/8	1,474.52
1	781.02	7	858.45	1	935.87	7	1,013.30	1	1,090.72	7	1,168.14	1	1,245.50	7	1,322.74	1	1,399.97	7	1,475.98
1/8	782.63	1/8	860.06	1/8	937.48	1/8	1,014.91	1/8	1,092.33	1/8	1,169.75	1/8	1,247.11	1/8	1,324.35	1/8	1,401.58	1/8	1,477.13
1/4	784.25	1/4	861.67	1/4	939.10	1/4	1,016.52	1/4	1,093.94	1/4	1,171.37	1/4	1,248.72	1/4	1,325.96	1/4	1,403.19	1/4	1,478.27
3/8	785.86	3/8	863.29	3/8	940.71	3/8	1,018.14	3/8	1,095.56	3/8	1,172.98	3/8	1,250.33	3/8	1,327.57	3/8	1,404.80	3/8	1,479.42
1/2	787.47	1/2	864.90	1/2	942.32	1/2	1,019.75	1/2	1,097.17	1/2	1,174.59	1/2	1,251.94	1/2	1,329.17	1/2	1,406.41	1/2	1,480.57
5/8	789.09	5/8	866.51	5/8	943.94	5/8	1,021.36	5/8	1,098.78	5/8	1,176.21	5/8	1,253.55	5/8	1,330.78	5/8	1,408.01	5/8	1,481.72
3/4	790.70	3/4	868.12	3/4	945.55	3/4	1,022.97	3/4	1,100.39	3/4	1,177.82	3/4	1,255.16	3/4	1,332.39	3/4	1,409.62	3/4	1,482.86
7/8	792.32	7/8	869.74	7/8	947.17	7/8	1,024.59	7/8	1,102.01	7/8	1,179.44	7/8	1,256.77	7/8	1,334.00	7/8	1,411.23	7/8	1,484.01
2	793.93	8	871.35	2	948.78	8	1,026.20	2	1,103.62	8	1,181.05	2	1,258.38	8	1,335.61	2	1,412.84	8	1,485.16
1/8	795.54	1/8	872.96	1/8	950.39	1/8	1,027.81	1/8	1,105.23	1/8	1,182.66	1/8	1,259.99	1/8	1,337.22	1/8	1,414.45	1/8	1,486.00
1/4	797.15	1/4	874.58	1/4	952.00	1/4	1,029.42	1/4	1,106.85	1/4	1,184.27	1/4	1,261.60	1/4	1,338.83	1/4	1,416.06	1/4	1,486.84
3/8	798.77	3/8	876.19	3/8	953.62	3/8	1,031.04	3/8	1,108.46	3/8	1,185.89	3/8	1,263.21	3/8	1,340.44	3/8	1,417.67	3/8	1,487.68
1/2	800.38	1/2	877.80	1/2	955.23	1/2	1,032.65	1/2	1,110.07	1/2	1,187.50	1/2	1,264.81	1/2	1,342.05	1/2	1,419.28	1/2	1,488.52
5/8	801.99	5/8	879.42	5/8	956.84	5/8	1,034.26	5/8	1,111.69	5/8	1,189.11	5/8	1,266.42	5/8	1,343.65	5/8	1,420.88	5/8	1,489.37
3/4	803.60	3/4	881.03	3/4	958.45	3/4	1,035.87	3/4	1,113.30	3/4	1,190.72	3/4	1,268.03	3/4	1,345.26	3/4	1,422.49	3/4	1,490.21
7/8	805.22	7/8	882.65	7/8	960.07	7/8	1,037.49	7/8	1,114.92	7/8	1,192.34	7/8	1,269.64	7/8	1,346.87	7/8	1,424.10	7/8	1,491.05
3	806.83	9	884.26	3	961.68	9	1,039.10	3	1,116.53	9	1,193.95	3	1,271.25	9	1,348.48	3	1,425.71	9	1,491.89
1/8	808.44	1/8	885.87	1/8	963.29	1/8	1,040.71	1/8	1,118.14	1/8	1,195.56	1/8	1,272.86	1/8	1,350.09	1/8	1,427.32	1/8	1,492.43
1/4	810.06	1/4	887.48	1/4	964.90	1/4	1,042.33	1/4	1,119.75	1/4	1,197.18	1/4	1,274.47	1/4	1,351.70	1/4	1,428.93	1/4	1,492.96
3/8	811.67	3/8	889.10	3/8	966.52	3/8	1,043.94	3/8	1,121.37	3/8	1,198.79	3/8	1,276.08	3/8	1,353.31	3/8	1,430.54	3/8	1,493.50
1/2	813.28	1/2	890.71	1/2	968.13	1/2	1,045.55	1/2	1,122.98	1/2	1,200.40	1/2	1,277.69	1/2	1,354.92	1/2	1,432.15	1/2	1,494.03
5/8	814.90	5/8	892.32	5/8	969.74	5/8	1,047.17	5/8	1,124.59	5/8	1,202.02	5/8	1,279.29	5/8	1,356.52	5/8	1,433.75	5/8	1,494.57
3/4	816.51	3/4	893.93	3/4	971.35	3/4	1,048.78	3/4	1,126.20	3/4	1,203.63	3/4	1,280.90	3/4	1,358.13	3/4	1,435.36	3/4	1,495.11
7/8	818.13	7/8	895.55	7/8	972.97	7/8	1,050.40	7/8	1,127.82	7/8	1,205.25	7/8	1,282.51	7/8	1,359.74	7/8	1,436.97	7/8	1,495.64
4	819.74	10	897.16	4	974.58	10	1,052.01	4	1,129.43	10	1,206.86	4	1,284.12	10	1,361.35	4	1,438.58	10	1,496.18
1/8	821.35	1/8	898.77	1/8	976.19	1/8	1,053.62	1/8	1,131.04	1/8	1,208.47	1/8	1,285.73	1/8	1,362.96	1/8	1,440.19	1/8	1,496.41
1/4	822.96	1/4	900.38	1/4	977.81	1/4	1,055.23	1/4	1,132.66	1/4	1,210.08	1/4	1,287.34	1/4	1,364.57	1/4	1,441.80	1/4	1,496.63
3/8	824.58	3/8	902.00	3/8	979.42	3/8	1,056.85	3/8	1,134.27	3/8	1,211.70	3/8	1,288.95	3/8	1,366.18	3/8	1,443.41	3/8	1,496.86
1/2	826.19	1/2	903.61	1/2	981.03	1/2	1,058.46	1/2	1,135.88	1/2	1,213.31	1/2	1,290.56	1/2	1,367.79	1/2	1,445.02	1/2	1,497.08
5/8	827.80	5/8	905.22	5/8	982.65	5/8	1,060.07	5/8	1,137.50	5/8	1,214.92	5/8	1,292.16	5/8	1,369.39	5/8	1,446.63	5/8	1,497.31
3/4	829.41	3/4	906.83	3/4	984.26	3/4	1,061.68	3/4	1,139.11	3/4	1,216.53	3/4	1,293.77	3/4	1,371.00	3/4	1,448.24	3/4	1,497.54
7/8	831.03	7/8	908.45	7/8	985.88	7/8	1,063.30	7/8	1,140.73	7/8	1,218.15	7/8	1,295.38	7/8	1,372.61	7/8	1,449.85	7/8	1,497.76
5	832.64	11	910.06	5	987.49	11	1,064.91	5	1,142.34	11	1,219.76	5	1,296.99	11	1,374.22	5	1,451.46	11	1,497.99
1/8	834.25	1/8	911.67	1/8	989.10	1/8	1,066.52	1/8	1,143.95	1/8	1,221.37	1/8	1,298.60	1/8	1,375.83	1/8	1,453.07	1/8	1,498.02
1/4	835.86	1/4	913.29	1/4	990.71	1/4	1,068.14	1/4	1,145.56	1/4	1,222.98	1/4	1,300.21	1/4	1,377.44	1/4	1,454.68	1/4	1,498.06
3/8	837.48	3/8	914.90	3/8	992.33	3/8	1,069.75	3/8	1,147.18	3/8	1,224.59	3/8	1,301.82	3/8	1,379.05	3/8	1,456.29	3/8	1,498.10
1/2	839.09	1/2	916.51	1/2	993.94	1/2	1,071.36	1/2	1,148.79	1/2	1,226.19	1/2	1,303.43	1/2	1,380.66	1/2	1,457.89	1/2	1,498.14
5/8	840.70	5/8	918.13	5/8	995.55	5/8	1,072.98	5/8	1,150.40	5/8	1,227.80	5/8	1,305.04	5/8	1,382.27	5/8	1,459.50	5/8	1,498.18
3/4	842.31	3/4	919.74	3/4	997.16	3/4	1,074.59	3/4	1,152.01	3/4	1,229.41	3/4	1,306.65	3/4	1,383.88	3/4	1,461.11	3/4	1,498.22
7/8	843.93	7/8	921.36	7/8	998.78	7/8	1,076.21	7/8	1,153.63	7/8	1,231.02	7/8	1,308.26	7/8	1,385.49	7/8	1,462.72	7/8	1,498.26

STRAPPED: 01/16/2002 ITS
 RECALCULATED: 10/24/2022 CL
 REPRINTED: 10/24/2022 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2022

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 15001D"

4 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07 1/4"

0 FT.		0 FT.		1 FT.		1 FT.		2 FT.		2 FT.		3 FT.		3 FT.		4 FT.		4 FT.	
0	4.37	6	71.30	0	148.73	6	226.15	0	303.58	6	381.00	0	458.42	6	535.85	0	613.27	6	690.70
1/8	5.18	1/8	72.91	1/8	150.34	1/8	227.76	1/8	305.19	1/8	382.61	1/8	460.03	1/8	537.46	1/8	614.88	1/8	692.31
1/4	5.98	1/4	74.53	1/4	151.96	1/4	229.38	1/4	306.80	1/4	384.22	1/4	461.65	1/4	539.08	1/4	616.50	1/4	693.92
3/8	6.79	3/8	76.14	3/8	153.57	3/8	230.99	3/8	308.42	3/8	385.84	3/8	463.26	3/8	540.69	3/8	618.11	3/8	695.54
1/2	7.59	1/2	77.75	1/2	155.18	1/2	232.60	1/2	310.03	1/2	387.45	1/2	464.87	1/2	542.30	1/2	619.72	1/2	697.15
5/8	8.40	5/8	79.37	5/8	156.79	5/8	234.22	5/8	311.64	5/8	389.06	5/8	466.49	5/8	543.91	5/8	621.34	5/8	698.76
3/4	9.21	3/4	80.98	3/4	158.41	3/4	235.83	3/4	313.25	3/4	390.67	3/4	468.10	3/4	545.53	3/4	622.95	3/4	700.37
7/8	10.01	7/8	82.60	7/8	160.02	7/8	237.45	7/8	314.87	7/8	392.29	7/8	469.72	7/8	547.14	7/8	624.57	7/8	701.99
1	10.82	7	84.21	1	161.63	7	239.06	1	316.48	7	393.90	1	471.33	7	548.75	1	626.18	7	703.60
1/8	12.03	1/8	85.82	1/8	163.24	1/8	240.67	1/8	318.09	1/8	395.51	1/8	472.94	1/8	550.36	1/8	627.79	1/8	705.21
1/4	13.24	1/4	87.43	1/4	164.86	1/4	242.28	1/4	319.70	1/4	397.13	1/4	474.56	1/4	551.98	1/4	629.40	1/4	706.82
3/8	14.45	3/8	89.05	3/8	166.47	3/8	243.90	3/8	321.32	3/8	398.74	3/8	476.17	3/8	553.59	3/8	631.02	3/8	708.44
1/2	15.66	1/2	90.66	1/2	168.08	1/2	245.51	1/2	322.93	1/2	400.35	1/2	477.78	1/2	555.20	1/2	632.63	1/2	710.05
5/8	16.87	5/8	92.27	5/8	169.70	5/8	247.12	5/8	324.54	5/8	401.97	5/8	479.39	5/8	556.82	5/8	634.24	5/8	711.66
3/4	18.08	3/4	93.88	3/4	171.31	3/4	248.73	3/4	326.15	3/4	403.58	3/4	481.01	3/4	558.43	3/4	635.85	3/4	713.27
7/8	19.29	7/8	95.50	7/8	172.93	7/8	250.35	7/8	327.77	7/8	405.20	7/8	482.62	7/8	560.05	7/8	637.47	7/8	714.89
2	20.50	8	97.11	2	174.54	8	251.96	2	329.38	8	406.81	2	484.23	8	561.66	2	639.08	8	716.50
1/8	22.01	1/8	98.72	1/8	176.15	1/8	253.57	1/8	330.99	1/8	408.42	1/8	485.84	1/8	563.27	1/8	640.69	1/8	718.11
1/4	23.52	1/4	100.34	1/4	177.76	1/4	255.18	1/4	332.61	1/4	410.04	1/4	487.46	1/4	564.88	1/4	642.30	1/4	719.73
3/8	25.03	3/8	101.95	3/8	179.38	3/8	256.80	3/8	334.22	3/8	411.65	3/8	489.07	3/8	566.50	3/8	643.92	3/8	721.34
1/2	26.54	1/2	103.56	1/2	180.99	1/2	258.41	1/2	335.83	1/2	413.26	1/2	490.68	1/2	568.11	1/2	645.53	1/2	722.95
5/8	28.06	5/8	105.18	5/8	182.60	5/8	260.02	5/8	337.45	5/8	414.87	5/8	492.30	5/8	569.72	5/8	647.14	5/8	724.57
3/4	29.57	3/4	106.79	3/4	184.21	3/4	261.63	3/4	339.06	3/4	416.49	3/4	493.91	3/4	571.33	3/4	648.75	3/4	726.18
7/8	31.08	7/8	108.41	7/8	185.83	7/8	263.25	7/8	340.68	7/8	418.10	7/8	495.53	7/8	572.95	7/8	650.37	7/8	727.80
3	32.59	9	110.02	3	187.44	9	264.86	3	342.29	9	419.71	3	497.14	9	574.56	3	651.98	9	729.41
1/8	34.20	1/8	111.63	1/8	189.05	1/8	266.47	1/8	343.90	1/8	421.32	1/8	498.75	1/8	576.17	1/8	653.59	1/8	731.02
1/4	35.82	1/4	113.24	1/4	190.66	1/4	268.09	1/4	345.52	1/4	422.94	1/4	500.36	1/4	577.78	1/4	655.21	1/4	732.63
3/8	37.43	3/8	114.86	3/8	192.28	3/8	269.70	3/8	347.13	3/8	424.55	3/8	501.98	3/8	579.40	3/8	656.82	3/8	734.25
1/2	39.04	1/2	116.47	1/2	193.89	1/2	271.31	1/2	348.74	1/2	426.16	1/2	503.59	1/2	581.01	1/2	658.43	1/2	735.86
5/8	40.66	5/8	118.08	5/8	195.50	5/8	272.93	5/8	350.35	5/8	427.78	5/8	505.20	5/8	582.62	5/8	660.05	5/8	737.47
3/4	42.27	3/4	119.69	3/4	197.11	3/4	274.54	3/4	351.97	3/4	429.39	3/4	506.81	3/4	584.23	3/4	661.66	3/4	739.08
7/8	43.89	7/8	121.31	7/8	198.73	7/8	276.16	7/8	353.58	7/8	431.01	7/8	508.43	7/8	585.85	7/8	663.28	7/8	740.70
4	45.50	10	122.92	4	200.34	10	277.77	4	355.19	10	432.62	4	510.04	10	587.46	4	664.89	10	742.31
1/8	47.11	1/8	124.53	1/8	201.95	1/8	279.38	1/8	356.80	1/8	434.23	1/8	511.65	1/8	589.07	1/8	666.50	1/8	743.92
1/4	48.72	1/4	126.14	1/4	203.57	1/4	281.00	1/4	358.42	1/4	435.84	1/4	513.26	1/4	590.69	1/4	668.11	1/4	745.54
3/8	50.34	3/8	127.76	3/8	205.18	3/8	282.61	3/8	360.03	3/8	437.46	3/8	514.88	3/8	592.30	3/8	669.73	3/8	747.15
1/2	51.95	1/2	129.37	1/2	206.79	1/2	284.22	1/2	361.64	1/2	439.07	1/2	516.49	1/2	593.91	1/2	671.34	1/2	748.76
5/8	53.56	5/8	130.98	5/8	208.41	5/8	285.83	5/8	363.26	5/8	440.68	5/8	518.10	5/8	595.53	5/8	672.95	5/8	750.38
3/4	55.17	3/4	132.59	3/4	210.02	3/4	287.45	3/4	364.87	3/4	442.29	3/4	519.71	3/4	597.14	3/4	674.56	3/4	751.99
7/8	56.79	7/8	134.21	7/8	211.64	7/8	289.06	7/8	366.49	7/8	443.91	7/8	521.33	7/8	598.76	7/8	676.18	7/8	753.61
5	58.40	11	135.82	5	213.25	11	290.67	5	368.10	11	445.52	5	522.94	11	600.37	5	677.79	11	755.22
1/8	60.01	1/8	137.43	1/8	214.86	1/8	292.28	1/8	369.71	1/8	447.13	1/8	524.55	1/8	601.98	1/8	679.40	1/8	756.83
1/4	61.62	1/4	139.05	1/4	216.48	1/4	293.90	1/4	371.32	1/4	448.74	1/4	526.17	1/4	603.60	1/4	681.02	1/4	758.44
3/8	63.24	3/8	140.66	3/8	218.09	3/8	295.51	3/8	372.94	3/8	450.36	3/8	527.78	3/8	605.21	3/8	682.63	3/8	760.06
1/2	64.85	1/2	142.27	1/2	219.70	1/2	297.12	1/2	374.55	1/2	451.97	1/2	529.39	1/2	606.82	1/2	684.24	1/2	761.67
5/8	66.46	5/8	143.89	5/8	221.31	5/8	298.74	5/8	376.16	5/8	453.58	5/8	531.01	5/8	608.43	5/8	685.86	5/8	763.28
3/4	68.07	3/4	145.50	3/4	222.93	3/4	300.35	3/4	377.77	3/4	455.19	3/4	532.62	3/4	610.05	3/4	687.47	3/4	764.89
7/8	69.69	7/8	147.12	7/8	224.54	7/8	301.97	7/8	379.39	7/8	456.81	7/8	534.24	7/8	611.66	7/8	689.09	7/8	766.51

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.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 19'-03" FORWARD OF AFT BULKHEAD.

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BARGE "KIRBY 15001D"

5 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.01	6	82.58	0	172.29	6	262.00	0	351.71	6	441.42	0	531.14	6	620.85	0	710.56	6	800.27
1/8	5.94	1/8	84.45	1/8	174.16	1/8	263.87	1/8	353.58	1/8	443.29	1/8	533.01	1/8	622.72	1/8	712.43	1/8	802.14
1/4	6.88	1/4	86.32	1/4	176.03	1/4	265.74	1/4	355.45	1/4	445.16	1/4	534.88	1/4	624.59	1/4	714.30	1/4	804.01
3/8	7.81	3/8	88.19	3/8	177.90	3/8	267.61	3/8	357.32	3/8	447.03	3/8	536.75	3/8	626.46	3/8	716.17	3/8	805.88
1/2	8.74	1/2	90.05	1/2	179.77	1/2	269.48	1/2	359.19	1/2	448.90	1/2	538.61	1/2	628.33	1/2	718.04	1/2	807.75
5/8	9.68	5/8	91.92	5/8	181.63	5/8	271.34	5/8	361.05	5/8	450.77	5/8	540.48	5/8	630.19	5/8	719.90	5/8	809.61
3/4	10.61	3/4	93.79	3/4	183.50	3/4	273.21	3/4	362.92	3/4	452.64	3/4	542.35	3/4	632.06	3/4	721.77	3/4	811.48
7/8	11.55	7/8	95.66	7/8	185.37	7/8	275.08	7/8	364.79	7/8	454.51	7/8	544.22	7/8	633.93	7/8	723.64	7/8	813.35
1	12.48	7	97.53	1	187.24	7	276.95	1	366.66	7	456.38	1	546.09	7	635.80	1	725.51	7	815.22
1/8	13.88	1/8	99.40	1/8	189.11	1/8	278.82	1/8	368.53	1/8	458.25	1/8	547.96	1/8	637.67	1/8	727.38	1/8	817.09
1/4	15.28	1/4	101.27	1/4	190.98	1/4	280.69	1/4	370.40	1/4	460.12	1/4	549.83	1/4	639.54	1/4	729.25	1/4	818.96
3/8	16.69	3/8	103.14	3/8	192.85	3/8	282.56	3/8	372.27	3/8	461.99	3/8	551.70	3/8	641.41	3/8	731.12	3/8	820.83
1/2	18.09	1/2	105.01	1/2	194.72	1/2	284.43	1/2	374.14	1/2	463.85	1/2	553.57	1/2	643.28	1/2	732.99	1/2	822.70
5/8	19.49	5/8	106.87	5/8	196.58	5/8	286.29	5/8	376.01	5/8	465.72	5/8	555.43	5/8	645.14	5/8	734.85	5/8	824.57
3/4	20.89	3/4	108.74	3/4	198.45	3/4	288.16	3/4	377.88	3/4	467.59	3/4	557.30	3/4	647.01	3/4	736.72	3/4	826.44
7/8	22.30	7/8	110.61	7/8	200.32	7/8	290.03	7/8	379.75	7/8	469.46	7/8	559.17	7/8	648.88	7/8	738.59	7/8	828.31
2	23.70	8	112.48	2	202.19	8	291.90	2	381.62	8	471.33	2	561.04	8	650.75	2	740.46	8	830.18
1/8	25.45	1/8	114.35	1/8	204.06	1/8	293.77	1/8	383.49	1/8	473.20	1/8	562.91	1/8	652.62	1/8	742.33	1/8	832.05
1/4	27.20	1/4	116.22	1/4	205.93	1/4	295.64	1/4	385.36	1/4	475.07	1/4	564.78	1/4	654.49	1/4	744.20	1/4	833.92
3/8	28.96	3/8	118.09	3/8	207.80	3/8	297.51	3/8	387.23	3/8	476.94	3/8	566.65	3/8	656.36	3/8	746.07	3/8	835.79
1/2	30.71	1/2	119.96	1/2	209.67	1/2	299.38	1/2	389.09	1/2	478.81	1/2	568.52	1/2	658.23	1/2	747.94	1/2	837.65
5/8	32.46	5/8	121.82	5/8	211.53	5/8	301.25	5/8	390.96	5/8	480.67	5/8	570.38	5/8	660.09	5/8	749.81	5/8	839.52
3/4	34.21	3/4	123.69	3/4	213.40	3/4	303.12	3/4	392.83	3/4	482.54	3/4	572.25	3/4	661.96	3/4	751.68	3/4	841.39
7/8	35.97	7/8	125.56	7/8	215.27	7/8	304.99	7/8	394.70	7/8	484.41	7/8	574.12	7/8	663.83	7/8	753.55	7/8	843.26
3	37.72	9	127.43	3	217.14	9	306.86	3	396.57	9	486.28	3	575.99	9	665.70	3	755.42	9	845.13
1/8	39.59	1/8	129.30	1/8	219.01	1/8	308.73	1/8	398.44	1/8	488.15	1/8	577.86	1/8	667.57	1/8	757.29	1/8	847.00
1/4	41.46	1/4	131.17	1/4	220.88	1/4	310.60	1/4	400.31	1/4	490.02	1/4	579.73	1/4	669.44	1/4	759.16	1/4	848.87
3/8	43.33	3/8	133.04	3/8	222.75	3/8	312.47	3/8	402.18	3/8	491.89	3/8	581.60	3/8	671.31	3/8	761.03	3/8	850.74
1/2	45.19	1/2	134.91	1/2	224.62	1/2	314.33	1/2	404.05	1/2	493.76	1/2	583.47	1/2	673.18	1/2	762.89	1/2	852.61
5/8	47.06	5/8	136.77	5/8	226.49	5/8	316.20	5/8	405.91	5/8	495.62	5/8	585.33	5/8	675.05	5/8	764.76	5/8	854.47
3/4	48.93	3/4	138.64	3/4	228.36	3/4	318.07	3/4	407.78	3/4	497.49	3/4	587.20	3/4	676.92	3/4	766.63	3/4	856.34
7/8	50.80	7/8	140.51	7/8	230.23	7/8	319.94	7/8	409.65	7/8	499.36	7/8	589.07	7/8	678.79	7/8	768.50	7/8	858.21
4	52.67	10	142.38	4	232.10	10	321.81	4	411.52	10	501.23	4	590.94	10	680.66	4	770.37	10	860.08
1/8	54.54	1/8	144.25	1/8	233.97	1/8	323.68	1/8	413.39	1/8	503.10	1/8	592.81	1/8	682.53	1/8	772.24	1/8	861.95
1/4	56.41	1/4	146.12	1/4	235.84	1/4	325.55	1/4	415.26	1/4	504.97	1/4	594.68	1/4	684.40	1/4	774.11	1/4	863.82
3/8	58.28	3/8	147.99	3/8	237.71	3/8	327.42	3/8	417.13	3/8	506.84	3/8	596.55	3/8	686.27	3/8	775.98	3/8	865.69
1/2	60.15	1/2	149.86	1/2	239.57	1/2	329.29	1/2	419.00	1/2	508.71	1/2	598.42	1/2	688.13	1/2	777.85	1/2	867.56
5/8	62.01	5/8	151.73	5/8	241.44	5/8	331.15	5/8	420.86	5/8	510.57	5/8	600.29	5/8	690.00	5/8	779.71	5/8	869.42
3/4	63.88	3/4	153.60	3/4	243.31	3/4	333.02	3/4	422.73	3/4	512.44	3/4	602.16	3/4	691.87	3/4	781.58	3/4	871.29
7/8	65.75	7/8	155.47	7/8	245.18	7/8	334.89	7/8	424.60	7/8	514.31	7/8	604.03	7/8	693.74	7/8	783.45	7/8	873.16
5	67.62	11	157.34	5	247.05	11	336.76	5	426.47	11	516.18	5	605.90	11	695.61	5	785.32	11	875.03
1/8	69.49	1/8	159.21	1/8	248.92	1/8	338.63	1/8	428.34	1/8	518.05	1/8	607.77	1/8	697.48	1/8	787.19	1/8	876.90
1/4	71.36	1/4	161.08	1/4	250.79	1/4	340.50	1/4	430.21	1/4	519.92	1/4	609.64	1/4	699.35	1/4	789.06	1/4	878.77
3/8	73.23	3/8	162.95	3/8	252.66	3/8	342.37	3/8	432.08	3/8	521.79	3/8	611.51	3/8	701.22	3/8	790.93	3/8	880.64
1/2	75.10	1/2	164.81	1/2	254.53	1/2	344.24	1/2	433.95	1/2	523.66	1/2	613.37	1/2	703.09	1/2	792.80	1/2	882.51
5/8	76.97	5/8	166.68	5/8	256.39	5/8	346.10	5/8	435.81	5/8	525.53	5/8	615.24	5/8	704.95	5/8	794.66	5/8	884.37
3/4	78.84	3/4	168.55	3/4	258.26	3/4	347.97	3/4	437.68	3/4	527.40	3/4	617.11	3/4	706.82	3/4	796.53	3/4	886.24
7/8	80.71	7/8	170.42	7/8	260.13	7/8	349.84	7/8	439.55	7/8	529.27	7/8	618.98	7/8	708.69	7/8	798.40	7/8	888.11

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
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 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
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BARGE "KIRBY 15001D"

5 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Gauge Height 12'-07"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.01	6	82.58	0	172.29	6	262.00	0	351.71	6	441.42	0	531.14	6	620.85	0	710.56	6	800.27
1/8	5.94	1/8	84.45	1/8	174.16	1/8	263.87	1/8	353.58	1/8	443.29	1/8	533.01	1/8	622.72	1/8	712.43	1/8	802.14
1/4	6.88	1/4	86.32	1/4	176.03	1/4	265.74	1/4	355.45	1/4	445.16	1/4	534.88	1/4	624.59	1/4	714.30	1/4	804.01
3/8	7.81	3/8	88.19	3/8	177.90	3/8	267.61	3/8	357.32	3/8	447.03	3/8	536.75	3/8	626.46	3/8	716.17	3/8	805.88
1/2	8.74	1/2	90.05	1/2	179.77	1/2	269.48	1/2	359.19	1/2	448.90	1/2	538.61	1/2	628.33	1/2	718.04	1/2	807.75
5/8	9.68	5/8	91.92	5/8	181.63	5/8	271.34	5/8	361.05	5/8	450.77	5/8	540.48	5/8	630.19	5/8	719.90	5/8	809.61
3/4	10.61	3/4	93.79	3/4	183.50	3/4	273.21	3/4	362.92	3/4	452.64	3/4	542.35	3/4	632.06	3/4	721.77	3/4	811.48
7/8	11.55	7/8	95.66	7/8	185.37	7/8	275.08	7/8	364.79	7/8	454.51	7/8	544.22	7/8	633.93	7/8	723.64	7/8	813.35
1	12.48	7	97.53	1	187.24	7	276.95	1	366.66	7	456.38	1	546.09	7	635.80	1	725.51	7	815.22
1/8	13.88	1/8	99.40	1/8	189.11	1/8	278.82	1/8	368.53	1/8	458.25	1/8	547.96	1/8	637.67	1/8	727.38	1/8	817.09
1/4	15.28	1/4	101.27	1/4	190.98	1/4	280.69	1/4	370.40	1/4	460.12	1/4	549.83	1/4	639.54	1/4	729.25	1/4	818.96
3/8	16.69	3/8	103.14	3/8	192.85	3/8	282.56	3/8	372.27	3/8	461.99	3/8	551.70	3/8	641.41	3/8	731.12	3/8	820.83
1/2	18.09	1/2	105.01	1/2	194.72	1/2	284.43	1/2	374.14	1/2	463.85	1/2	553.57	1/2	643.28	1/2	732.99	1/2	822.70
5/8	19.49	5/8	106.87	5/8	196.58	5/8	286.29	5/8	376.01	5/8	465.72	5/8	555.43	5/8	645.14	5/8	734.85	5/8	824.57
3/4	20.89	3/4	108.74	3/4	198.45	3/4	288.16	3/4	377.88	3/4	467.59	3/4	557.30	3/4	647.01	3/4	736.72	3/4	826.44
7/8	22.30	7/8	110.61	7/8	200.32	7/8	290.03	7/8	379.75	7/8	469.46	7/8	559.17	7/8	648.88	7/8	738.59	7/8	828.31
2	23.70	8	112.48	2	202.19	8	291.90	2	381.62	8	471.33	2	561.04	8	650.75	2	740.46	8	830.18
1/8	25.45	1/8	114.35	1/8	204.06	1/8	293.77	1/8	383.49	1/8	473.20	1/8	562.91	1/8	652.62	1/8	742.33	1/8	832.05
1/4	27.20	1/4	116.22	1/4	205.93	1/4	295.64	1/4	385.36	1/4	475.07	1/4	564.78	1/4	654.49	1/4	744.20	1/4	833.92
3/8	28.96	3/8	118.09	3/8	207.80	3/8	297.51	3/8	387.23	3/8	476.94	3/8	566.65	3/8	656.36	3/8	746.07	3/8	835.79
1/2	30.71	1/2	119.96	1/2	209.67	1/2	299.38	1/2	389.09	1/2	478.81	1/2	568.52	1/2	658.23	1/2	747.94	1/2	837.65
5/8	32.46	5/8	121.82	5/8	211.53	5/8	301.25	5/8	390.96	5/8	480.67	5/8	570.38	5/8	660.09	5/8	749.81	5/8	839.52
3/4	34.21	3/4	123.69	3/4	213.40	3/4	303.12	3/4	392.83	3/4	482.54	3/4	572.25	3/4	661.96	3/4	751.68	3/4	841.39
7/8	35.97	7/8	125.56	7/8	215.27	7/8	304.99	7/8	394.70	7/8	484.41	7/8	574.12	7/8	663.83	7/8	753.55	7/8	843.26
3	37.72	9	127.43	3	217.14	9	306.86	3	396.57	9	486.28	3	575.99	9	665.70	3	755.42	9	845.13
1/8	39.59	1/8	129.30	1/8	219.01	1/8	308.73	1/8	398.44	1/8	488.15	1/8	577.86	1/8	667.57	1/8	757.29	1/8	847.00
1/4	41.46	1/4	131.17	1/4	220.88	1/4	310.60	1/4	400.31	1/4	490.02	1/4	579.73	1/4	669.44	1/4	759.16	1/4	848.87
3/8	43.33	3/8	133.04	3/8	222.75	3/8	312.47	3/8	402.18	3/8	491.89	3/8	581.60	3/8	671.31	3/8	761.03	3/8	850.74
1/2	45.19	1/2	134.91	1/2	224.62	1/2	314.33	1/2	404.05	1/2	493.76	1/2	583.47	1/2	673.18	1/2	762.89	1/2	852.61
5/8	47.06	5/8	136.77	5/8	226.49	5/8	316.20	5/8	405.91	5/8	495.62	5/8	585.33	5/8	675.05	5/8	764.76	5/8	854.47
3/4	48.93	3/4	138.64	3/4	228.36	3/4	318.07	3/4	407.78	3/4	497.49	3/4	587.20	3/4	676.92	3/4	766.63	3/4	856.34
7/8	50.80	7/8	140.51	7/8	230.23	7/8	319.94	7/8	409.65	7/8	499.36	7/8	589.07	7/8	678.79	7/8	768.50	7/8	858.21
4	52.67	10	142.38	4	232.10	10	321.81	4	411.52	10	501.23	4	590.94	10	680.66	4	770.37	10	860.08
1/8	54.54	1/8	144.25	1/8	233.97	1/8	323.68	1/8	413.39	1/8	503.10	1/8	592.81	1/8	682.53	1/8	772.24	1/8	861.95
1/4	56.41	1/4	146.12	1/4	235.84	1/4	325.55	1/4	415.26	1/4	504.97	1/4	594.68	1/4	684.40	1/4	774.11	1/4	863.82
3/8	58.28	3/8	147.99	3/8	237.71	3/8	327.42	3/8	417.13	3/8	506.84	3/8	596.55	3/8	686.27	3/8	775.98	3/8	865.69
1/2	60.15	1/2	149.86	1/2	239.57	1/2	329.29	1/2	419.00	1/2	508.71	1/2	598.42	1/2	688.13	1/2	777.85	1/2	867.56
5/8	62.01	5/8	151.73	5/8	241.44	5/8	331.15	5/8	420.86	5/8	510.57	5/8	600.29	5/8	690.00	5/8	779.71	5/8	869.42
3/4	63.88	3/4	153.60	3/4	243.31	3/4	333.02	3/4	422.73	3/4	512.44	3/4	602.16	3/4	691.87	3/4	781.58	3/4	871.29
7/8	65.75	7/8	155.47	7/8	245.18	7/8	334.89	7/8	424.60	7/8	514.31	7/8	604.03	7/8	693.74	7/8	783.45	7/8	873.16
5	67.62	11	157.34	5	247.05	11	336.76	5	426.47	11	516.18	5	605.90	11	695.61	5	785.32	11	875.03
1/8	69.49	1/8	159.21	1/8	248.92	1/8	338.63	1/8	428.34	1/8	518.05	1/8	607.77	1/8	697.48	1/8	787.19	1/8	876.90
1/4	71.36	1/4	161.08	1/4	250.79	1/4	340.50	1/4	430.21	1/4	519.92	1/4	609.64	1/4	699.35	1/4	789.06	1/4	878.77
3/8	73.23	3/8	162.95	3/8	252.66	3/8	342.37	3/8	432.08	3/8	521.79	3/8	611.51	3/8	701.22	3/8	790.93	3/8	880.64
1/2	75.10	1/2	164.81	1/2	254.53	1/2	344.24	1/2	433.95	1/2	523.66	1/2	613.37	1/2	703.09	1/2	792.80	1/2	882.51
5/8	76.97	5/8	166.68	5/8	256.39	5/8	346.10	5/8	435.81	5/8	525.53	5/8	615.24	5/8	704.95	5/8	794.66	5/8	884.37
3/4	78.84	3/4	168.55	3/4	258.26	3/4	347.97	3/4	437.68	3/4	527.40	3/4	617.11	3/4	706.82	3/4	796.53	3/4	886.24
7/8	80.71	7/8	170.42	7/8	260.13	7/8	349.84	7/8	439.55	7/8	529.27	7/8	618.98	7/8	708.69	7/8	798.40	7/8	888.11

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.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 23'-09" FORWARD OF AFT BULKHEAD.

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 15001D"

5 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	889.98	6	979.70	0	1,069.41	6	1,159.12	0	1,248.83	6	1,338.54	0	1,428.22	6	1,517.74	0	1,607.26	6	1,696.78
1/8	891.85	1/8	981.57	1/8	1,071.28	1/8	1,160.99	1/8	1,250.70	1/8	1,340.41	1/8	1,430.09	1/8	1,519.61	1/8	1,609.13	1/8	1,698.47
1/4	893.72	1/4	983.44	1/4	1,073.15	1/4	1,162.86	1/4	1,252.57	1/4	1,342.28	1/4	1,431.95	1/4	1,521.47	1/4	1,610.99	1/4	1,700.16
3/8	895.59	3/8	985.31	3/8	1,075.02	3/8	1,164.73	3/8	1,254.44	3/8	1,344.15	3/8	1,433.82	3/8	1,523.34	3/8	1,612.86	3/8	1,701.85
1/2	897.46	1/2	987.17	1/2	1,076.89	1/2	1,166.60	1/2	1,256.31	1/2	1,346.02	1/2	1,435.68	1/2	1,525.20	1/2	1,614.72	1/2	1,703.54
5/8	899.33	5/8	989.04	5/8	1,078.75	5/8	1,168.46	5/8	1,258.17	5/8	1,347.89	5/8	1,437.55	5/8	1,527.07	5/8	1,616.59	5/8	1,705.22
3/4	901.20	3/4	990.91	3/4	1,080.62	3/4	1,170.33	3/4	1,260.04	3/4	1,349.76	3/4	1,439.41	3/4	1,528.93	3/4	1,618.45	3/4	1,706.91
7/8	903.07	7/8	992.78	7/8	1,082.49	7/8	1,172.20	7/8	1,261.91	7/8	1,351.63	7/8	1,441.28	7/8	1,530.80	7/8	1,620.32	7/8	1,708.60
1	904.94	7	994.65	1	1,084.36	7	1,174.07	1	1,263.78	7	1,353.50	1	1,443.14	7	1,532.66	1	1,622.18	7	1,710.29
1/8	906.81	1/8	996.52	1/8	1,086.23	1/8	1,175.94	1/8	1,265.65	1/8	1,355.37	1/8	1,445.01	1/8	1,534.53	1/8	1,624.05	1/8	1,711.62
1/4	908.68	1/4	998.39	1/4	1,088.10	1/4	1,177.81	1/4	1,267.52	1/4	1,357.24	1/4	1,446.87	1/4	1,536.39	1/4	1,625.91	1/4	1,712.95
3/8	910.55	3/8	1,000.26	3/8	1,089.97	3/8	1,179.68	3/8	1,269.39	3/8	1,359.11	3/8	1,448.74	3/8	1,538.26	3/8	1,627.78	3/8	1,714.28
1/2	912.41	1/2	1,002.13	1/2	1,091.84	1/2	1,181.55	1/2	1,271.26	1/2	1,360.97	1/2	1,450.60	1/2	1,540.12	1/2	1,629.64	1/2	1,715.61
5/8	914.28	5/8	1,003.99	5/8	1,093.70	5/8	1,183.41	5/8	1,273.13	5/8	1,362.84	5/8	1,452.47	5/8	1,541.99	5/8	1,631.51	5/8	1,716.94
3/4	916.15	3/4	1,005.86	3/4	1,095.57	3/4	1,185.28	3/4	1,275.00	3/4	1,364.71	3/4	1,454.33	3/4	1,543.85	3/4	1,633.37	3/4	1,718.27
7/8	918.02	7/8	1,007.73	7/8	1,097.44	7/8	1,187.15	7/8	1,276.87	7/8	1,366.58	7/8	1,456.20	7/8	1,545.72	7/8	1,635.24	7/8	1,719.60
2	919.89	8	1,009.60	2	1,099.31	8	1,189.02	2	1,278.74	8	1,368.45	2	1,458.06	8	1,547.58	2	1,637.10	8	1,720.93
1/8	921.76	1/8	1,011.47	1/8	1,101.18	1/8	1,190.89	1/8	1,280.61	1/8	1,370.32	1/8	1,459.93	1/8	1,549.45	1/8	1,638.97	1/8	1,721.90
1/4	923.63	1/4	1,013.34	1/4	1,103.05	1/4	1,192.76	1/4	1,282.48	1/4	1,372.19	1/4	1,461.79	1/4	1,551.31	1/4	1,640.83	1/4	1,722.88
3/8	925.50	3/8	1,015.21	3/8	1,104.92	3/8	1,194.63	3/8	1,284.35	3/8	1,374.06	3/8	1,463.66	3/8	1,553.18	3/8	1,642.70	3/8	1,723.85
1/2	927.37	1/2	1,017.08	1/2	1,106.79	1/2	1,196.50	1/2	1,286.21	1/2	1,375.93	1/2	1,465.52	1/2	1,555.04	1/2	1,644.56	1/2	1,724.83
5/8	929.23	5/8	1,018.94	5/8	1,108.65	5/8	1,198.37	5/8	1,288.08	5/8	1,377.79	5/8	1,467.39	5/8	1,556.91	5/8	1,646.43	5/8	1,725.80
3/4	931.10	3/4	1,020.81	3/4	1,110.52	3/4	1,200.24	3/4	1,289.95	3/4	1,379.66	3/4	1,469.25	3/4	1,558.77	3/4	1,648.29	3/4	1,726.78
7/8	932.97	7/8	1,022.68	7/8	1,112.39	7/8	1,202.11	7/8	1,291.82	7/8	1,381.53	7/8	1,471.12	7/8	1,560.64	7/8	1,650.16	7/8	1,727.75
3	934.84	9	1,024.55	3	1,114.26	9	1,203.98	3	1,293.69	9	1,383.40	3	1,472.98	9	1,562.50	3	1,652.02	9	1,728.73
1/8	936.71	1/8	1,026.42	1/8	1,116.13	1/8	1,205.85	1/8	1,295.56	1/8	1,385.27	1/8	1,474.85	1/8	1,564.37	1/8	1,653.89	1/8	1,729.35
1/4	938.58	1/4	1,028.29	1/4	1,118.00	1/4	1,207.72	1/4	1,297.43	1/4	1,387.14	1/4	1,476.71	1/4	1,566.23	1/4	1,655.75	1/4	1,729.97
3/8	940.45	3/8	1,030.16	3/8	1,119.87	3/8	1,209.59	3/8	1,299.30	3/8	1,389.01	3/8	1,478.58	3/8	1,568.10	3/8	1,657.62	3/8	1,730.59
1/2	942.32	1/2	1,032.03	1/2	1,121.74	1/2	1,211.45	1/2	1,301.17	1/2	1,390.88	1/2	1,480.44	1/2	1,569.96	1/2	1,659.48	1/2	1,731.21
5/8	944.18	5/8	1,033.89	5/8	1,123.61	5/8	1,213.32	5/8	1,303.03	5/8	1,392.74	5/8	1,482.31	5/8	1,571.83	5/8	1,661.35	5/8	1,731.83
3/4	946.05	3/4	1,035.76	3/4	1,125.48	3/4	1,215.19	3/4	1,304.90	3/4	1,394.61	3/4	1,484.17	3/4	1,573.69	3/4	1,663.21	3/4	1,732.45
7/8	947.92	7/8	1,037.63	7/8	1,127.35	7/8	1,217.06	7/8	1,306.77	7/8	1,396.48	7/8	1,486.04	7/8	1,575.56	7/8	1,665.08	7/8	1,733.07
4	949.79	10	1,039.50	4	1,129.22	10	1,218.93	4	1,308.64	10	1,398.35	4	1,487.90	10	1,577.42	4	1,666.94	10	1,733.69
1/8	951.66	1/8	1,041.37	1/8	1,131.09	1/8	1,220.80	1/8	1,310.51	1/8	1,400.22	1/8	1,489.77	1/8	1,579.29	1/8	1,668.81	1/8	1,733.95
1/4	953.53	1/4	1,043.24	1/4	1,132.96	1/4	1,222.67	1/4	1,312.38	1/4	1,402.09	1/4	1,491.63	1/4	1,581.15	1/4	1,670.67	1/4	1,734.21
3/8	955.40	3/8	1,045.11	3/8	1,134.83	3/8	1,224.54	3/8	1,314.25	3/8	1,403.96	3/8	1,493.50	3/8	1,583.02	3/8	1,672.54	3/8	1,734.47
1/2	957.27	1/2	1,046.98	1/2	1,136.69	1/2	1,226.41	1/2	1,316.12	1/2	1,405.83	1/2	1,495.36	1/2	1,584.88	1/2	1,674.40	1/2	1,734.73
5/8	959.13	5/8	1,048.85	5/8	1,138.56	5/8	1,228.27	5/8	1,317.98	5/8	1,407.69	5/8	1,497.23	5/8	1,586.75	5/8	1,676.27	5/8	1,735.00
3/4	961.00	3/4	1,050.72	3/4	1,140.43	3/4	1,230.14	3/4	1,319.85	3/4	1,409.56	3/4	1,499.09	3/4	1,588.61	3/4	1,678.13	3/4	1,735.26
7/8	962.87	7/8	1,052.59	7/8	1,142.30	7/8	1,232.01	7/8	1,321.72	7/8	1,411.43	7/8	1,500.96	7/8	1,590.48	7/8	1,680.00	7/8	1,735.52
5	964.74	11	1,054.46	5	1,144.17	11	1,233.88	5	1,323.59	11	1,413.30	5	1,502.82	11	1,592.34	5	1,681.86	11	1,735.78
1/8	966.61	1/8	1,056.33	1/8	1,146.04	1/8	1,235.75	1/8	1,325.46	1/8	1,415.17	1/8	1,504.69	1/8	1,594.21	1/8	1,683.73	1/8	1,735.82
1/4	968.48	1/4	1,058.20	1/4	1,147.91	1/4	1,237.62	1/4	1,327.33	1/4	1,417.03	1/4	1,506.55	1/4	1,596.07	1/4	1,685.59	1/4	1,735.86
3/8	970.35	3/8	1,060.07	3/8	1,149.78	3/8	1,239.49	3/8	1,329.20	3/8	1,418.90	3/8	1,508.42	3/8	1,597.94	3/8	1,687.46	3/8	1,735.86
1/2	972.22	1/2	1,061.93	1/2	1,151.65	1/2	1,241.36	1/2	1,331.07	1/2	1,420.76	1/2	1,510.28	1/2	1,599.80	1/2	1,689.32	1/2	1,735.86
5/8	974.09	5/8	1,063.80	5/8	1,153.51	5/8	1,243.22	5/8	1,332.93	5/8	1,422.63	5/8	1,512.15	5/8	1,601.67	5/8	1,691.19	5/8	1,735.86
3/4	975.96	3/4	1,065.67	3/4	1,155.38	3/4	1,245.09	3/4	1,334.80	3/4	1,424.49	3/4	1,514.01	3/4	1,603.53	3/4	1,693.05	3/4	1,735.86
7/8	977.83	7/8	1,067.54	7/8	1,157.25	7/8	1,246.96	7/8	1,336.67	7/8	1,426.36	7/8	1,515.88	7/8	1,605.40	7/8	1,694.92	7/8	1,735.86

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2002 ITS
RECALCULATED: 10/24/2022 CL
REPRINTED: 10/24/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

PRECISION MEASUREMENT
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