

# BARGE "KIRBY 29020"

## 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	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	01-7/8	- 01-7/8
1 STBD	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	01-7/8	- 01-7/8
2 PORT	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	01-7/8	- 01-7/8
2 STBD	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	01-7/8	- 01-7/8
3 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
3 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)

LENGTH BETWEEN DRAFT MARKS: 237'-09"

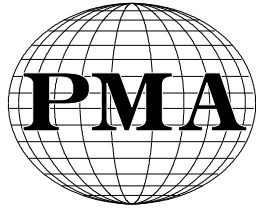
April 12, 2021

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>

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



# BARGE "KIRBY 29020"

## 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	02-1/4	- 02-1/4	02-1/2	- 02-1/2	02-7/8	- 02-7/8	03-1/8	- 03-1/8	03-1/2	- 03-1/2	03-3/4	- 03-3/4
1 STBD	02-1/4	- 02-1/4	02-1/2	- 02-1/2	02-7/8	- 02-7/8	03-1/8	- 03-1/8	03-1/2	- 03-1/2	03-3/4	- 03-3/4
2 PORT	02-1/4	- 02-1/4	02-1/2	- 02-1/2	02-7/8	- 02-7/8	03-1/8	- 03-1/8	03-1/2	- 03-1/2	03-3/4	- 03-3/4
2 STBD	02-1/4	- 02-1/4	02-1/2	- 02-1/2	02-7/8	- 02-7/8	03-1/8	- 03-1/8	03-1/2	- 03-1/2	03-3/4	- 03-3/4
3 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
3 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"  
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# BARGE "KIRBY 29020"

## 1 PORT INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 1/2"

N	0 FT.	N	0 FT.	N	1 FT.	N	1 FT.	N	2 FT.	N	2 FT.	N	3 FT.	N	3 FT.	N	4 FT.	N	4 FT.
0	15.08	6	160.15	0	325.81	6	500.62	0	679.88	6	858.09	0	1,038.32	6	1,217.55	0	1,396.78	6	1,576.02
1/8	17.19	1/8	163.54	1/8	329.41	1/8	504.36	1/8	683.61	1/8	862.95	1/8	1,042.05	1/8	1,221.28	1/8	1,400.52	1/8	1,579.75
1/4	19.29	1/4	166.93	1/4	333.01	1/4	508.09	1/4	687.34	1/4	867.81	1/4	1,045.79	1/4	1,225.02	1/4	1,404.26	1/4	1,583.49
3/8	21.40	3/8	170.32	3/8	336.62	3/8	511.83	3/8	691.07	3/8	872.67	3/8	1,049.52	3/8	1,228.75	3/8	1,407.99	3/8	1,587.22
1/2	23.50	1/2	173.71	1/2	340.22	1/2	515.56	1/2	694.80	1/2	877.52	1/2	1,053.25	1/2	1,232.48	1/2	1,411.73	1/2	1,590.95
5/8	25.61	5/8	177.11	5/8	343.82	5/8	519.30	5/8	698.54	5/8	882.38	5/8	1,056.99	5/8	1,236.22	5/8	1,415.47	5/8	1,594.68
3/4	27.71	3/4	180.50	3/4	347.42	3/4	523.03	3/4	702.27	3/4	887.24	3/4	1,060.72	3/4	1,239.95	3/4	1,419.21	3/4	1,598.42
7/8	29.82	7/8	183.89	7/8	351.03	7/8	526.77	7/8	706.00	7/8	892.10	7/8	1,064.46	7/8	1,243.68	7/8	1,422.94	7/8	1,602.15
1	31.92	7	187.28	1	354.63	7	530.50	1	709.73	7	896.96	1	1,068.19	7	1,247.42	1	1,426.68	7	1,605.88
1/8	34.76	1/8	190.67	1/8	358.19	1/8	534.23	1/8	713.35	1/8	899.69	1/8	1,071.92	1/8	1,251.15	1/8	1,430.41	1/8	1,609.62
1/4	37.60	1/4	194.06	1/4	361.76	1/4	537.97	1/4	716.96	1/4	902.43	1/4	1,075.66	1/4	1,254.89	1/4	1,434.14	1/4	1,613.35
3/8	40.43	3/8	197.45	3/8	365.32	3/8	541.70	3/8	720.58	3/8	905.16	3/8	1,079.39	3/8	1,258.62	3/8	1,437.87	3/8	1,617.09
1/2	43.27	1/2	200.85	1/2	368.89	1/2	545.43	1/2	724.19	1/2	907.89	1/2	1,083.12	1/2	1,262.36	1/2	1,441.60	1/2	1,620.82
5/8	46.11	5/8	204.24	5/8	372.45	5/8	549.17	5/8	727.81	5/8	910.63	5/8	1,086.86	5/8	1,266.09	5/8	1,445.34	5/8	1,624.56
3/4	48.95	3/4	207.63	3/4	376.02	3/4	552.90	3/4	731.43	3/4	913.36	3/4	1,090.59	3/4	1,269.83	3/4	1,449.07	3/4	1,628.29
7/8	51.78	7/8	211.02	7/8	379.58	7/8	556.64	7/8	735.04	7/8	916.10	7/8	1,094.33	7/8	1,273.56	7/8	1,452.80	7/8	1,632.03
2	54.62	8	214.41	2	383.15	8	560.37	2	738.66	8	918.83	2	1,098.06	8	1,277.30	2	1,456.53	8	1,635.76
1/8	57.89	1/8	217.86	1/8	386.79	1/8	564.10	1/8	742.39	1/8	922.31	1/8	1,101.79	1/8	1,281.03	1/8	1,460.27	1/8	1,639.64
1/4	61.16	1/4	221.32	1/4	390.43	1/4	567.84	1/4	746.11	1/4	925.80	1/4	1,105.53	1/4	1,284.77	1/4	1,464.01	1/4	1,643.53
3/8	64.42	3/8	224.77	3/8	394.07	3/8	571.57	3/8	749.84	3/8	929.28	3/8	1,109.26	3/8	1,288.50	3/8	1,467.75	3/8	1,647.41
1/2	67.69	1/2	228.23	1/2	397.71	1/2	575.30	1/2	753.56	1/2	932.76	1/2	1,113.00	1/2	1,292.23	1/2	1,471.49	1/2	1,651.29
5/8	70.96	5/8	231.68	5/8	401.35	5/8	579.04	5/8	757.29	5/8	936.25	5/8	1,116.73	5/8	1,295.97	5/8	1,475.24	5/8	1,655.18
3/4	74.23	3/4	235.13	3/4	404.99	3/4	582.77	3/4	761.02	3/4	939.73	3/4	1,120.47	3/4	1,299.70	3/4	1,478.98	3/4	1,659.06
7/8	77.49	7/8	238.59	7/8	408.63	7/8	586.51	7/8	764.74	7/8	943.22	7/8	1,124.20	7/8	1,303.44	7/8	1,482.72	7/8	1,662.95
3	80.76	9	242.04	3	412.27	9	590.24	3	768.47	9	946.70	3	1,127.94	9	1,307.17	3	1,486.46	9	1,666.83
1/8	84.03	1/8	245.49	1/8	415.91	1/8	593.97	1/8	772.21	1/8	950.68	1/8	1,131.67	1/8	1,311.00	1/8	1,490.06	1/8	1,670.41
1/4	87.29	1/4	248.95	1/4	419.55	1/4	597.71	1/4	775.96	1/4	954.67	1/4	1,135.41	1/4	1,314.84	1/4	1,493.66	1/4	1,674.00
3/8	90.56	3/8	252.40	3/8	423.19	3/8	601.44	3/8	779.70	3/8	958.65	3/8	1,139.14	3/8	1,318.67	3/8	1,497.26	3/8	1,677.58
1/2	93.82	1/2	255.85	1/2	426.83	1/2	605.17	1/2	783.45	1/2	962.64	1/2	1,142.87	1/2	1,322.50	1/2	1,500.86	1/2	1,681.16
5/8	97.09	5/8	259.30	5/8	430.47	5/8	608.91	5/8	787.19	5/8	966.62	5/8	1,146.61	5/8	1,326.34	5/8	1,504.47	5/8	1,684.75
3/4	100.35	3/4	262.76	3/4	434.11	3/4	612.64	3/4	790.94	3/4	970.61	3/4	1,150.34	3/4	1,330.17	3/4	1,508.07	3/4	1,688.33
7/8	103.62	7/8	266.21	7/8	437.75	7/8	616.38	7/8	794.68	7/8	974.59	7/8	1,154.08	7/8	1,334.01	7/8	1,511.67	7/8	1,691.92
4	106.88	10	269.66	4	441.39	10	620.11	4	798.43	10	978.58	4	1,157.81	10	1,337.84	4	1,515.27	10	1,695.50
1/8	110.21	1/8	273.18	1/8	445.09	1/8	623.84	1/8	802.28	1/8	982.31	1/8	1,161.54	1/8	1,341.47	1/8	1,519.13	1/8	1,699.24
1/4	113.54	1/4	276.69	1/4	448.79	1/4	627.58	1/4	806.13	1/4	986.05	1/4	1,165.28	1/4	1,345.11	1/4	1,522.99	1/4	1,702.97
3/8	116.87	3/8	280.21	3/8	452.50	3/8	631.31	3/8	809.98	3/8	989.78	3/8	1,169.01	3/8	1,348.74	3/8	1,526.85	3/8	1,706.71
1/2	120.20	1/2	283.72	1/2	456.20	1/2	635.04	1/2	813.82	1/2	993.52	1/2	1,172.74	1/2	1,352.37	1/2	1,530.70	1/2	1,710.44
5/8	123.53	5/8	287.24	5/8	459.90	5/8	638.78	5/8	817.67	5/8	997.25	5/8	1,176.48	5/8	1,356.01	5/8	1,534.56	5/8	1,714.18
3/4	126.86	3/4	290.76	3/4	463.60	3/4	642.51	3/4	821.52	3/4	1,000.99	3/4	1,180.21	3/4	1,359.64	3/4	1,538.42	3/4	1,717.91
7/8	130.19	7/8	294.27	7/8	467.31	7/8	646.24	7/8	825.37	7/8	1,004.73	7/8	1,183.95	7/8	1,363.28	7/8	1,542.28	7/8	1,721.65
5	133.52	11	297.79	5	471.01	11	649.98	5	829.22	11	1,008.46	5	1,187.68	11	1,366.91	5	1,546.14	11	1,725.38
1/8	136.85	1/8	301.29	1/8	474.71	1/8	653.72	1/8	832.83	1/8	1,012.19	1/8	1,191.41	1/8	1,370.64	1/8	1,549.88	1/8	1,729.11
1/4	140.18	1/4	304.79	1/4	478.41	1/4	657.45	1/4	836.44	1/4	1,015.93	1/4	1,195.15	1/4	1,374.38	1/4	1,553.61	1/4	1,732.85
3/8	143.51	3/8	308.30	3/8	482.11	3/8	661.19	3/8	840.05	3/8	1,019.66	3/8	1,198.88	3/8	1,378.11	3/8	1,557.35	3/8	1,736.58
1/2	146.83	1/2	311.80	1/2	485.81	1/2	664.93	1/2	843.65	1/2	1,023.39	1/2	1,202.61	1/2	1,381.84	1/2	1,561.08	1/2	1,740.31
5/8	150.16	5/8	315.30	5/8	489.52	5/8	668.67	5/8	847.26	5/8	1,027.12	5/8	1,206.35	5/8	1,385.58	5/8	1,564.82	5/8	1,744.05
3/4	153.49	3/4	318.80	3/4	493.22	3/4	672.40	3/4	850.87	3/4	1,030.86	3/4	1,210.08	3/4	1,389.31	3/4	1,568.55	3/4	1,747.78
7/8	156.82	7/8	322.31	7/8	496.92	7/8	676.14	7/8	854.48	7/8	1,034.59	7/8	1,213.82	7/8	1,393.05	7/8	1,572.29	7/8	1,751.52

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 TOP LIP OF 4" DIAMETER STANDPIPE.

GAUGE POINT: (4" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 36'-08" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "KIRBY 29020"

## 1 PORT INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 1/2"

N	5 FT.	N	5 FT.	N	6 FT.	N	6 FT.	N	7 FT.	N	7 FT.	N	8 FT.	N	8 FT.	N	9 FT.	N	9 FT.
0	1,755.25	6	1,934.48	0	2,113.71	6	2,292.94	0	2,472.18	6	2,651.41	0	2,830.64	6	3,008.87	0	3,189.10	6	3,368.34
1/8	1,758.98	1/8	1,938.21	1/8	2,117.44	1/8	2,296.68	1/8	2,475.91	1/8	2,655.14	1/8	2,834.37	1/8	3,012.60	1/8	3,192.96	1/8	3,372.07
1/4	1,762.72	1/4	1,941.95	1/4	2,121.18	1/4	2,300.41	1/4	2,479.65	1/4	2,658.88	1/4	2,838.11	1/4	3,016.34	1/4	3,196.82	1/4	3,375.81
3/8	1,766.45	3/8	1,945.68	3/8	2,124.91	3/8	2,304.15	3/8	2,483.38	3/8	2,662.61	3/8	2,841.84	3/8	3,020.07	3/8	3,200.68	3/8	3,379.54
1/2	1,770.18	1/2	1,949.41	1/2	2,128.64	1/2	2,307.88	1/2	2,487.11	1/2	2,666.34	1/2	2,845.57	1/2	3,023.80	1/2	3,204.54	1/2	3,383.27
5/8	1,773.92	5/8	1,953.15	5/8	2,132.38	5/8	2,311.62	5/8	2,490.85	5/8	2,670.08	5/8	2,849.31	5/8	3,027.54	5/8	3,208.40	5/8	3,387.01
3/4	1,777.65	3/4	1,956.88	3/4	2,136.11	3/4	2,315.35	3/4	2,494.58	3/4	2,673.81	3/4	2,853.04	3/4	3,031.27	3/4	3,212.26	3/4	3,390.74
7/8	1,781.39	7/8	1,960.62	7/8	2,139.84	7/8	2,319.09	7/8	2,498.32	7/8	2,677.55	7/8	2,856.78	7/8	3,035.01	7/8	3,216.12	7/8	3,394.48
1	1,785.12	7	1,964.35	1	2,143.58	7	2,322.82	1	2,502.05	7	2,681.28	1	2,860.51	7	3,038.74	1	3,219.98	7	3,398.21
1/8	1,788.85	1/8	1,968.08	1/8	2,147.31	1/8	2,326.58	1/8	2,505.91	1/8	2,685.01	1/8	2,864.24	1/8	3,042.60	1/8	3,223.59	1/8	3,401.94
1/4	1,792.59	1/4	1,971.82	1/4	2,151.05	1/4	2,330.34	1/4	2,509.77	1/4	2,688.75	1/4	2,867.98	1/4	3,046.46	1/4	3,227.20	1/4	3,405.68
3/8	1,796.32	3/8	1,975.55	3/8	2,154.78	3/8	2,334.10	3/8	2,513.63	3/8	2,692.48	3/8	2,871.71	3/8	3,050.32	3/8	3,230.81	3/8	3,409.41
1/2	1,800.05	1/2	1,979.28	1/2	2,158.52	1/2	2,337.85	1/2	2,517.48	1/2	2,696.21	1/2	2,875.44	1/2	3,054.18	1/2	3,234.42	1/2	3,413.14
5/8	1,803.79	5/8	1,983.02	5/8	2,162.25	5/8	2,341.61	5/8	2,521.34	5/8	2,699.95	5/8	2,879.18	5/8	3,058.04	5/8	3,238.03	5/8	3,416.88
3/4	1,807.52	3/4	1,986.75	3/4	2,165.99	3/4	2,345.37	3/4	2,525.20	3/4	2,703.68	3/4	2,882.91	3/4	3,061.90	3/4	3,241.64	3/4	3,420.61
7/8	1,811.26	7/8	1,990.48	7/8	2,169.72	7/8	2,349.13	7/8	2,529.06	7/8	2,707.42	7/8	2,886.64	7/8	3,065.76	7/8	3,245.25	7/8	3,424.35
2	1,814.99	8	1,994.22	2	2,173.46	8	2,352.89	2	2,532.92	8	2,711.15	2	2,890.38	8	3,069.62	2	3,248.86	8	3,428.08
1/8	1,818.72	1/8	1,997.95	1/8	2,177.19	1/8	2,356.60	1/8	2,536.53	1/8	2,714.88	1/8	2,894.12	1/8	3,073.35	1/8	3,252.59	1/8	3,431.81
1/4	1,822.46	1/4	2,001.69	1/4	2,180.93	1/4	2,360.31	1/4	2,540.14	1/4	2,718.62	1/4	2,897.86	1/4	3,077.09	1/4	3,256.33	1/4	3,435.55
3/8	1,826.19	3/8	2,005.42	3/8	2,184.66	3/8	2,364.02	3/8	2,543.75	3/8	2,722.35	3/8	2,901.60	3/8	3,080.82	3/8	3,260.06	3/8	3,439.28
1/2	1,829.92	1/2	2,009.16	1/2	2,188.39	1/2	2,367.73	1/2	2,547.35	1/2	2,726.08	1/2	2,905.33	1/2	3,084.55	1/2	3,263.79	1/2	3,443.01
5/8	1,833.66	5/8	2,012.89	5/8	2,192.13	5/8	2,371.45	5/8	2,550.96	5/8	2,729.82	5/8	2,909.07	5/8	3,088.29	5/8	3,267.52	5/8	3,446.75
3/4	1,837.39	3/4	2,016.63	3/4	2,195.86	3/4	2,375.16	3/4	2,554.57	3/4	2,733.55	3/4	2,912.81	3/4	3,092.02	3/4	3,271.26	3/4	3,450.48
7/8	1,841.12	7/8	2,020.36	7/8	2,199.60	7/8	2,378.87	7/8	2,558.18	7/8	2,737.28	7/8	2,916.55	7/8	3,095.76	7/8	3,274.99	7/8	3,454.22
3	1,844.86	9	2,024.10	3	2,203.33	9	2,382.58	3	2,561.79	9	2,741.02	3	2,920.29	9	3,099.49	3	3,278.72	9	3,457.95
1/8	1,848.59	1/8	2,027.83	1/8	2,207.06	1/8	2,386.31	1/8	2,565.52	1/8	2,744.75	1/8	2,924.02	1/8	3,103.22	1/8	3,282.45	1/8	3,461.68
1/4	1,852.33	1/4	2,031.57	1/4	2,210.80	1/4	2,390.04	1/4	2,569.26	1/4	2,748.49	1/4	2,927.75	1/4	3,106.96	1/4	3,286.19	1/4	3,465.42
3/8	1,856.06	3/8	2,035.30	3/8	2,214.53	3/8	2,393.77	3/8	2,572.99	3/8	2,752.22	3/8	2,931.48	3/8	3,110.69	3/8	3,289.92	3/8	3,469.15
1/2	1,859.80	1/2	2,039.03	1/2	2,218.26	1/2	2,397.50	1/2	2,576.72	1/2	2,755.96	1/2	2,935.21	1/2	3,114.42	1/2	3,293.65	1/2	3,472.88
5/8	1,863.53	5/8	2,042.77	5/8	2,222.00	5/8	2,401.24	5/8	2,580.46	5/8	2,759.69	5/8	2,938.94	5/8	3,118.16	5/8	3,297.38	5/8	3,476.62
3/4	1,867.27	3/4	2,046.50	3/4	2,225.73	3/4	2,404.97	3/4	2,584.19	3/4	2,763.43	3/4	2,942.67	3/4	3,121.89	3/4	3,301.12	3/4	3,480.35
7/8	1,871.00	7/8	2,050.24	7/8	2,229.47	7/8	2,408.70	7/8	2,587.93	7/8	2,767.16	7/8	2,946.40	7/8	3,125.63	7/8	3,304.85	7/8	3,484.08
4	1,874.74	10	2,053.97	4	2,233.20	10	2,412.43	4	2,591.66	10	2,770.90	4	2,950.13	10	3,129.36	4	3,308.58	10	3,487.82
1/8	1,878.47	1/8	2,057.70	1/8	2,237.05	1/8	2,416.16	1/8	2,595.40	1/8	2,774.63	1/8	2,953.86	1/8	3,133.09	1/8	3,312.32	1/8	3,491.55
1/4	1,882.21	1/4	2,061.44	1/4	2,240.89	1/4	2,419.90	1/4	2,599.13	1/4	2,778.37	1/4	2,957.60	1/4	3,136.83	1/4	3,316.06	1/4	3,495.29
3/8	1,885.94	3/8	2,065.17	3/8	2,244.74	3/8	2,423.63	3/8	2,602.87	3/8	2,782.10	3/8	2,961.33	3/8	3,140.56	3/8	3,319.79	3/8	3,499.02
1/2	1,889.67	1/2	2,068.90	1/2	2,248.58	1/2	2,427.36	1/2	2,606.60	1/2	2,785.83	1/2	2,965.06	1/2	3,144.29	1/2	3,323.53	1/2	3,502.76
5/8	1,893.41	5/8	2,072.64	5/8	2,252.43	5/8	2,431.10	5/8	2,610.34	5/8	2,789.57	5/8	2,968.80	5/8	3,148.03	5/8	3,327.27	5/8	3,506.49
3/4	1,897.14	3/4	2,076.37	3/4	2,256.28	3/4	2,434.83	3/4	2,614.07	3/4	2,793.30	3/4	2,972.53	3/4	3,151.76	3/4	3,331.01	3/4	3,510.23
7/8	1,900.88	7/8	2,080.11	7/8	2,260.12	7/8	2,438.57	7/8	2,617.81	7/8	2,797.04	7/8	2,976.27	7/8	3,155.50	7/8	3,334.74	7/8	3,513.96
5	1,904.61	11	2,083.84	5	2,263.97	11	2,442.30	5	2,621.54	11	2,800.77	5	2,980.00	11	3,159.23	5	3,338.48	11	3,517.70
1/8	1,908.34	1/8	2,087.57	1/8	2,267.59	1/8	2,446.04	1/8	2,625.27	1/8	2,804.50	1/8	2,983.61	1/8	3,162.96	1/8	3,342.21	1/8	3,521.43
1/4	1,912.08	1/4	2,091.31	1/4	2,271.21	1/4	2,449.77	1/4	2,629.01	1/4	2,808.24	1/4	2,987.22	1/4	3,166.70	1/4	3,345.95	1/4	3,525.17
3/8	1,915.81	3/8	2,095.04	3/8	2,274.83	3/8	2,453.51	3/8	2,632.74	3/8	2,811.97	3/8	2,990.83	3/8	3,170.43	3/8	3,349.68	3/8	3,528.90
1/2	1,919.54	1/2	2,098.77	1/2	2,278.45	1/2	2,457.24	1/2	2,636.47	1/2	2,815.70	1/2	2,994.43	1/2	3,174.16	1/2	3,353.41	1/2	3,532.63
5/8	1,923.28	5/8	2,102.51	5/8	2,282.08	5/8	2,460.98	5/8	2,640.21	5/8	2,819.44	5/8	2,998.04	5/8	3,177.90	5/8	3,357.14	5/8	3,536.37
3/4	1,927.01	3/4	2,106.24	3/4	2,285.70	3/4	2,464.71	3/4	2,643.94	3/4	2,823.17	3/4	3,001.65	3/4	3,181.63	3/4	3,360.88	3/4	3,540.10
7/8	1,930.75	7/8	2,109.98	7/8	2,289.32	7/8	2,468.45	7/8	2,647.68	7/8	2,826.91	7/8	3,005.26	7/8	3,185.36	7/8	3,364.61	7/8	3,543.84

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# BARGE "KIRBY 29020"

## 1 PORT INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 1/2"

N	10 FT.	N	10 FT.	N	11 FT.	N	11 FT.	N	12 FT.	N	12 FT.	N	13 FT.	N	13 FT.	N	14 FT.	N	14 FT.
0	3,547.57	6	3,726.80	0	3,906.03	6	4,085.25	0	4,264.50	6	4,443.73	0	4,622.96	6	4,802.19	0	4,981.42	6	5,098.41
1/8	3,551.30	1/8	3,730.53	1/8	3,909.76	1/8	4,089.11	1/8	4,268.23	1/8	4,447.46	1/8	4,626.69	1/8	4,806.04	1/8	4,985.15	1/8	5,098.72
1/4	3,555.04	1/4	3,734.27	1/4	3,913.50	1/4	4,092.97	1/4	4,271.97	1/4	4,451.20	1/4	4,630.43	1/4	4,809.88	1/4	4,988.89	1/4	5,099.03
3/8	3,558.77	3/8	3,738.00	3/8	3,917.23	3/8	4,096.83	3/8	4,275.70	3/8	4,454.93	3/8	4,634.16	3/8	4,813.73	3/8	4,992.62	3/8	5,099.34
1/2	3,562.50	1/2	3,741.74	1/2	3,920.96	1/2	4,100.69	1/2	4,279.43	1/2	4,458.66	1/2	4,637.89	1/2	4,817.57	1/2	4,996.36	1/2	5,099.65
5/8	3,566.24	5/8	3,745.47	5/8	3,924.70	5/8	4,104.56	5/8	4,283.17	5/8	4,462.40	5/8	4,641.63	5/8	4,821.42	5/8	5,000.09	5/8	5,099.97
3/4	3,569.97	3/4	3,749.20	3/4	3,928.43	3/4	4,108.42	3/4	4,286.90	3/4	4,466.13	3/4	4,645.36	3/4	4,825.27	3/4	5,003.83	3/4	5,100.28
7/8	3,573.71	7/8	3,752.94	7/8	3,932.16	7/8	4,112.28	7/8	4,290.64	7/8	4,469.87	7/8	4,649.10	7/8	4,829.11	7/8	5,007.56	7/8	5,100.59
1	3,577.44	7	3,756.67	1	3,935.90	7	4,116.14	1	4,294.37	7	4,473.60	1	4,652.83	7	4,832.96	1	5,011.30	7	5,100.90
1/8	3,581.17	1/8	3,760.40	1/8	3,939.63	1/8	4,119.97	1/8	4,298.10	1/8	4,477.33	1/8	4,656.56	1/8	4,836.58	1/8	5,014.35	1/8	5,101.21
1/4	3,584.91	1/4	3,764.14	1/4	3,943.37	1/4	4,123.81	1/4	4,301.84	1/4	4,481.07	1/4	4,660.30	1/4	4,840.21	1/4	5,017.39	1/4	5,101.52
3/8	3,588.64	3/8	3,767.87	3/8	3,947.10	3/8	4,127.64	3/8	4,305.57	3/8	4,484.80	3/8	4,664.03	3/8	4,843.83	3/8	5,020.44	3/8	5,101.83
1/2	3,592.37	1/2	3,771.61	1/2	3,950.84	1/2	4,131.47	1/2	4,309.30	1/2	4,488.54	1/2	4,667.76	1/2	4,847.45	1/2	5,023.48	1/2	5,102.14
5/8	3,596.11	5/8	3,775.34	5/8	3,954.57	5/8	4,135.31	5/8	4,313.04	5/8	4,492.27	5/8	4,671.50	5/8	4,851.07	5/8	5,026.53	5/8	5,102.45
3/4	3,599.84	3/4	3,779.07	3/4	3,958.31	3/4	4,139.14	3/4	4,316.77	3/4	4,496.00	3/4	4,675.23	3/4	4,854.70	3/4	5,029.58	3/4	5,102.76
7/8	3,603.58	7/8	3,782.81	7/8	3,962.04	7/8	4,142.98	7/8	4,320.51	7/8	4,499.74	7/8	4,678.96	7/8	4,858.32	7/8	5,032.62	7/8	5,103.07
2	3,607.31	8	3,786.54	2	3,965.78	8	4,146.81	2	4,324.24	8	4,503.47	2	4,682.70	8	4,861.94	2	5,035.67	8	5,103.38
1/8	3,611.04	1/8	3,790.28	1/8	3,969.51	1/8	4,150.28	1/8	4,327.97	1/8	4,507.20	1/8	4,686.43	1/8	4,865.67	1/8	5,037.59	1/8	5,103.69
1/4	3,614.78	1/4	3,794.01	1/4	3,973.23	1/4	4,154.75	1/4	4,331.71	1/4	4,510.94	1/4	4,690.17	1/4	4,869.41	1/4	5,039.52	1/4	5,104.00
3/8	3,618.51	3/8	3,797.75	3/8	3,976.96	3/8	4,158.22	3/8	4,335.44	3/8	4,514.67	3/8	4,693.90	3/8	4,873.14	3/8	5,041.44	3/8	5,104.31
1/2	3,622.24	1/2	3,801.48	1/2	3,980.68	1/2	4,160.69	1/2	4,339.17	1/2	4,518.41	1/2	4,697.64	1/2	4,876.87	1/2	5,043.37	1/2	5,104.62
5/8	3,625.98	5/8	3,805.22	5/8	3,984.41	5/8	4,164.17	5/8	4,342.91	5/8	4,522.14	5/8	4,701.37	5/8	4,880.61	5/8	5,045.29	5/8	5,104.93
3/4	3,629.71	3/4	3,808.95	3/4	3,988.13	3/4	4,167.64	3/4	4,346.64	3/4	4,525.87	3/4	4,705.11	3/4	4,884.34	3/4	5,047.22	3/4	5,105.24
7/8	3,633.44	7/8	3,812.69	7/8	3,991.86	7/8	4,171.11	7/8	4,350.38	7/8	4,529.61	7/8	4,708.84	7/8	4,888.08	7/8	5,049.14	7/8	5,105.55
3	3,637.18	9	3,816.42	3	3,995.58	9	4,174.58	3	4,354.11	9	4,533.34	3	4,712.58	9	4,891.81	3	5,051.07	9	5,105.86
1/8	3,640.92	1/8	3,820.15	1/8	3,999.32	1/8	4,178.35	1/8	4,357.84	1/8	4,537.08	1/8	4,716.31	1/8	4,895.54	1/8	5,054.26	1/8	5,106.17
1/4	3,644.65	1/4	3,823.89	1/4	4,003.07	1/4	4,182.12	1/4	4,361.57	1/4	4,540.81	1/4	4,720.05	1/4	4,899.28	1/4	5,057.45	1/4	5,106.48
3/8	3,648.39	3/8	3,827.62	3/8	4,006.81	3/8	4,185.89	3/8	4,365.30	3/8	4,544.55	3/8	4,723.78	3/8	4,903.01	3/8	5,060.64	3/8	5,106.79
1/2	3,652.13	1/2	3,831.35	1/2	4,010.55	1/2	4,189.66	1/2	4,369.03	1/2	4,548.28	1/2	4,727.51	1/2	4,906.74	1/2	5,063.82	1/2	5,107.10
5/8	3,655.87	5/8	3,835.09	5/8	4,014.29	5/8	4,193.44	5/8	4,372.77	5/8	4,552.02	5/8	4,731.25	5/8	4,910.48	5/8	5,067.01	5/8	5,107.41
3/4	3,659.60	3/4	3,838.82	3/4	4,018.04	3/4	4,197.21	3/4	4,376.50	3/4	4,555.75	3/4	4,734.98	3/4	4,914.21	3/4	5,070.20	3/4	5,107.72
7/8	3,663.34	7/8	3,842.56	7/8	4,021.78	7/8	4,200.98	7/8	4,380.23	7/8	4,559.49	7/8	4,738.72	7/8	4,917.95	7/8	5,073.39	7/8	5,108.03
4	3,667.08	10	3,846.29	4	4,025.52	10	4,204.75	4	4,383.96	10	4,563.22	4	4,742.45	10	4,921.68	4	5,076.58	10	5,108.34
1/8	3,670.81	1/8	3,850.02	1/8	4,029.25	1/8	4,208.48	1/8	4,387.70	1/8	4,566.95	1/8	4,746.17	1/8	4,925.41	1/8	5,078.36	1/8	5,108.65
1/4	3,674.54	1/4	3,853.76	1/4	4,032.99	1/4	4,212.22	1/4	4,391.44	1/4	4,570.69	1/4	4,749.89	1/4	4,929.15	1/4	5,080.15	1/4	5,108.96
3/8	3,678.27	3/8	3,857.49	3/8	4,036.72	3/8	4,215.95	3/8	4,395.18	3/8	4,574.42	3/8	4,753.61	3/8	4,932.88	3/8	5,081.93	3/8	5,109.27
1/2	3,682.00	1/2	3,861.22	1/2	4,040.45	1/2	4,219.68	1/2	4,398.92	1/2	4,578.15	1/2	4,757.33	1/2	4,936.61	1/2	5,083.71	1/2	5,109.58
5/8	3,685.74	5/8	3,864.96	5/8	4,044.19	5/8	4,223.42	5/8	4,402.66	5/8	4,581.89	5/8	4,761.06	5/8	4,940.35	5/8	5,085.49	5/8	5,109.89
3/4	3,689.47	3/4	3,868.69	3/4	4,047.92	3/4	4,227.15	3/4	4,406.40	3/4	4,585.62	3/4	4,764.78	3/4	4,944.08	3/4	5,087.28	3/4	5,110.20
7/8	3,693.20	7/8	3,872.43	7/8	4,051.66	7/8	4,230.89	7/8	4,410.14	7/8	4,589.36	7/8	4,768.50	7/8	4,947.82	7/8	5,089.06	7/8	5,110.51
5	3,696.93	11	3,876.16	5	4,055.39	11	4,234.62	5	4,413.88	11	4,593.09	5	4,772.22	11	4,951.55	5	5,090.84	11	5,110.82
1/8	3,700.66	1/8	3,879.89	1/8	4,059.12	1/8	4,238.36	1/8	4,417.61	1/8	4,596.82	1/8	4,775.97	1/8	4,955.28	1/8	5,091.79	1/8	5,111.13
1/4	3,704.40	1/4	3,883.63	1/4	4,062.85	1/4	4,242.09	1/4	4,421.34	1/4	4,600.56	1/4	4,779.71	1/4	4,959.02	1/4	5,092.73	1/4	5,111.44
3/8	3,708.13	3/8	3,887.36	3/8	4,066.59	3/8	4,245.83	3/8	4,425.07	3/8	4,604.29	3/8	4,783.46	3/8	4,962.75	3/8	5,093.68	3/8	5,111.75
1/2	3,711.86	1/2	3,891.09	1/2	4,070.32	1/2	4,249.56	1/2	4,428.80	1/2	4,608.02	1/2	4,787.20	1/2	4,966.48	1/2	5,094.62	1/2	5,112.06
5/8	3,715.60	5/8	3,894.83	5/8	4,074.05	5/8	4,253.30	5/8	4,432.54	5/8	4,611.76	5/8	4,790.95	5/8	4,970.22	5/8	5,095.57	5/8	5,112.37
3/4	3,719.33	3/4	3,898.56	3/4	4,077.78	3/4	4,257.03	3/4	4,436.27	3/4	4,615.49	3/4	4,794.70	3/4	4,973.95	3/4	5,096.52	3/4	5,112.68
7/8	3,723.07	7/8	3,902.30	7/8	4,081.52	7/8	4,260.77	7/8	4,440.00	7/8	4,619.23	7/8	4,798.44	7/8	4,977.68	7/8	5,097.46	7/8	5,112.99

STRAPPED: 12/14/2006 INS  
CALCULATED: 03/12/2021 CL  
PRINTED: 03/12/2021 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021

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 29020"

## 1 STBD INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 1/2"

N	0 FT.	N	0 FT.	N	1 FT.	N	1 FT.	N	2 FT.	N	2 FT.	N	3 FT.	N	3 FT.	N	4 FT.	N	4 FT.
0	15.08	6	160.15	0	325.81	6	500.62	0	679.88	6	858.09	0	1,038.32	6	1,217.55	0	1,396.78	6	1,576.02
1/8	17.19	1/8	163.54	1/8	329.41	1/8	504.36	1/8	683.61	1/8	862.95	1/8	1,042.05	1/8	1,221.28	1/8	1,400.52	1/8	1,579.75
1/4	19.29	1/4	166.93	1/4	333.01	1/4	508.09	1/4	687.34	1/4	867.81	1/4	1,045.79	1/4	1,225.02	1/4	1,404.26	1/4	1,583.49
3/8	21.40	3/8	170.32	3/8	336.62	3/8	511.83	3/8	691.07	3/8	872.67	3/8	1,049.52	3/8	1,228.75	3/8	1,407.99	3/8	1,587.22
1/2	23.50	1/2	173.71	1/2	340.22	1/2	515.56	1/2	694.80	1/2	877.52	1/2	1,053.25	1/2	1,232.48	1/2	1,411.73	1/2	1,590.95
5/8	25.61	5/8	177.11	5/8	343.82	5/8	519.30	5/8	698.54	5/8	882.38	5/8	1,056.99	5/8	1,236.22	5/8	1,415.47	5/8	1,594.68
3/4	27.71	3/4	180.50	3/4	347.42	3/4	523.03	3/4	702.27	3/4	887.24	3/4	1,060.72	3/4	1,239.95	3/4	1,419.21	3/4	1,598.42
7/8	29.82	7/8	183.89	7/8	351.03	7/8	526.77	7/8	706.00	7/8	892.10	7/8	1,064.46	7/8	1,243.68	7/8	1,422.94	7/8	1,602.15
1	31.92	7	187.28	1	354.63	7	530.50	1	709.73	7	896.96	1	1,068.19	7	1,247.42	1	1,426.68	7	1,605.88
1/8	34.76	1/8	190.67	1/8	358.19	1/8	534.23	1/8	713.35	1/8	899.69	1/8	1,071.92	1/8	1,251.15	1/8	1,430.41	1/8	1,609.62
1/4	37.60	1/4	194.06	1/4	361.76	1/4	537.97	1/4	716.96	1/4	902.43	1/4	1,075.66	1/4	1,254.89	1/4	1,434.14	1/4	1,613.35
3/8	40.43	3/8	197.45	3/8	365.32	3/8	541.70	3/8	720.58	3/8	905.16	3/8	1,079.39	3/8	1,258.62	3/8	1,437.87	3/8	1,617.09
1/2	43.27	1/2	200.85	1/2	368.89	1/2	545.43	1/2	724.19	1/2	907.89	1/2	1,083.12	1/2	1,262.36	1/2	1,441.60	1/2	1,620.82
5/8	46.11	5/8	204.24	5/8	372.45	5/8	549.17	5/8	727.81	5/8	910.63	5/8	1,086.86	5/8	1,266.09	5/8	1,445.34	5/8	1,624.56
3/4	48.95	3/4	207.63	3/4	376.02	3/4	552.90	3/4	731.43	3/4	913.36	3/4	1,090.59	3/4	1,269.83	3/4	1,449.07	3/4	1,628.29
7/8	51.78	7/8	211.02	7/8	379.58	7/8	556.64	7/8	735.04	7/8	916.10	7/8	1,094.33	7/8	1,273.56	7/8	1,452.80	7/8	1,632.03
2	54.62	8	214.41	2	383.15	8	560.37	2	738.66	8	918.83	2	1,098.06	8	1,277.30	2	1,456.53	8	1,635.76
1/8	57.89	1/8	217.86	1/8	386.79	1/8	564.10	1/8	742.39	1/8	922.31	1/8	1,101.79	1/8	1,281.03	1/8	1,460.27	1/8	1,639.64
1/4	61.16	1/4	221.32	1/4	390.43	1/4	567.84	1/4	746.11	1/4	925.80	1/4	1,105.53	1/4	1,284.77	1/4	1,464.01	1/4	1,643.53
3/8	64.42	3/8	224.77	3/8	394.07	3/8	571.57	3/8	749.84	3/8	929.28	3/8	1,109.26	3/8	1,288.50	3/8	1,467.75	3/8	1,647.41
1/2	67.69	1/2	228.23	1/2	397.71	1/2	575.30	1/2	753.56	1/2	932.76	1/2	1,113.00	1/2	1,292.23	1/2	1,471.49	1/2	1,651.29
5/8	70.96	5/8	231.68	5/8	401.35	5/8	579.04	5/8	757.29	5/8	936.25	5/8	1,116.73	5/8	1,295.97	5/8	1,475.24	5/8	1,655.18
3/4	74.23	3/4	235.13	3/4	404.99	3/4	582.77	3/4	761.02	3/4	939.73	3/4	1,120.47	3/4	1,299.70	3/4	1,478.98	3/4	1,659.06
7/8	77.49	7/8	238.59	7/8	408.63	7/8	586.51	7/8	764.74	7/8	943.22	7/8	1,124.20	7/8	1,303.44	7/8	1,482.72	7/8	1,662.95
3	80.76	9	242.04	3	412.27	9	590.24	3	768.47	9	946.70	3	1,127.94	9	1,307.17	3	1,486.46	9	1,666.83
1/8	84.03	1/8	245.49	1/8	415.91	1/8	593.97	1/8	772.21	1/8	950.68	1/8	1,131.67	1/8	1,311.00	1/8	1,490.06	1/8	1,670.41
1/4	87.29	1/4	248.95	1/4	419.55	1/4	597.71	1/4	775.96	1/4	954.67	1/4	1,135.41	1/4	1,314.84	1/4	1,493.66	1/4	1,674.00
3/8	90.56	3/8	252.40	3/8	423.19	3/8	601.44	3/8	779.70	3/8	958.65	3/8	1,139.14	3/8	1,318.67	3/8	1,497.26	3/8	1,677.58
1/2	93.82	1/2	255.85	1/2	426.83	1/2	605.17	1/2	783.45	1/2	962.64	1/2	1,142.87	1/2	1,322.50	1/2	1,500.86	1/2	1,681.16
5/8	97.09	5/8	259.30	5/8	430.47	5/8	608.91	5/8	787.19	5/8	966.62	5/8	1,146.61	5/8	1,326.34	5/8	1,504.47	5/8	1,684.75
3/4	100.35	3/4	262.76	3/4	434.11	3/4	612.64	3/4	790.94	3/4	970.61	3/4	1,150.34	3/4	1,330.17	3/4	1,508.07	3/4	1,688.33
7/8	103.62	7/8	266.21	7/8	437.75	7/8	616.38	7/8	794.68	7/8	974.59	7/8	1,154.08	7/8	1,334.01	7/8	1,511.67	7/8	1,691.92
4	106.88	10	269.66	4	441.39	10	620.11	4	798.43	10	978.58	4	1,157.81	10	1,337.84	4	1,515.27	10	1,695.50
1/8	110.21	1/8	273.18	1/8	445.09	1/8	623.84	1/8	802.28	1/8	982.31	1/8	1,161.54	1/8	1,341.47	1/8	1,519.13	1/8	1,699.24
1/4	113.54	1/4	276.69	1/4	448.79	1/4	627.58	1/4	806.13	1/4	986.05	1/4	1,165.28	1/4	1,345.11	1/4	1,522.99	1/4	1,702.97
3/8	116.87	3/8	280.21	3/8	452.50	3/8	631.31	3/8	809.98	3/8	989.78	3/8	1,169.01	3/8	1,348.74	3/8	1,526.85	3/8	1,706.71
1/2	120.20	1/2	283.72	1/2	456.20	1/2	635.04	1/2	813.82	1/2	993.52	1/2	1,172.74	1/2	1,352.37	1/2	1,530.70	1/2	1,710.44
5/8	123.53	5/8	287.24	5/8	459.90	5/8	638.78	5/8	817.67	5/8	997.25	5/8	1,176.48	5/8	1,356.01	5/8	1,534.56	5/8	1,714.18
3/4	126.86	3/4	290.76	3/4	463.60	3/4	642.51	3/4	821.52	3/4	1,000.99	3/4	1,180.21	3/4	1,359.64	3/4	1,538.42	3/4	1,717.91
7/8	130.19	7/8	294.27	7/8	467.31	7/8	646.24	7/8	825.37	7/8	1,004.73	7/8	1,183.95	7/8	1,363.28	7/8	1,542.28	7/8	1,721.65
5	133.52	11	297.79	5	471.01	11	649.98	5	829.22	11	1,008.46	5	1,187.68	11	1,366.91	5	1,546.14	11	1,725.38
1/8	136.85	1/8	301.29	1/8	474.71	1/8	653.72	1/8	832.83	1/8	1,012.19	1/8	1,191.41	1/8	1,370.64	1/8	1,549.88	1/8	1,729.11
1/4	140.18	1/4	304.79	1/4	478.41	1/4	657.45	1/4	836.44	1/4	1,015.93	1/4	1,195.15	1/4	1,374.38	1/4	1,553.61	1/4	1,732.85
3/8	143.51	3/8	308.30	3/8	482.11	3/8	661.19	3/8	840.05	3/8	1,019.66	3/8	1,198.88	3/8	1,378.11	3/8	1,557.35	3/8	1,736.58
1/2	146.83	1/2	311.80	1/2	485.81	1/2	664.93	1/2	843.65	1/2	1,023.39	1/2	1,202.61	1/2	1,381.84	1/2	1,561.08	1/2	1,740.31
5/8	150.16	5/8	315.30	5/8	489.52	5/8	668.67	5/8	847.26	5/8	1,027.12	5/8	1,206.35	5/8	1,385.58	5/8	1,564.82	5/8	1,744.05
3/4	153.49	3/4	318.80	3/4	493.22	3/4	672.40	3/4	850.87	3/4	1,030.86	3/4	1,210.08	3/4	1,389.31	3/4	1,568.55	3/4	1,747.78
7/8	156.82	7/8	322.31	7/8	496.92	7/8	676.14	7/8	854.48	7/8	1,034.59	7/8	1,213.82	7/8	1,393.05	7/8	1,572.29	7/8	1,751.52

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 TOP LIP OF 4" DIAMETER STANDPIPE.

GAUGE POINT: (4" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 36'-08" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "KIRBY 29020"

## 1 STBD INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 1/2"

N	5 FT.	N	5 FT.	N	6 FT.	N	6 FT.	N	7 FT.	N	7 FT.	N	8 FT.	N	8 FT.	N	9 FT.	N	9 FT.
0	1,755.25	6	1,934.48	0	2,113.71	6	2,292.94	0	2,472.18	6	2,651.41	0	2,830.64	6	3,008.87	0	3,189.10	6	3,368.34
1/8	1,758.98	1/8	1,938.21	1/8	2,117.44	1/8	2,296.68	1/8	2,475.91	1/8	2,655.14	1/8	2,834.37	1/8	3,012.60	1/8	3,192.96	1/8	3,372.07
1/4	1,762.72	1/4	1,941.95	1/4	2,121.18	1/4	2,300.41	1/4	2,479.65	1/4	2,658.88	1/4	2,838.11	1/4	3,016.34	1/4	3,196.82	1/4	3,375.81
3/8	1,766.45	3/8	1,945.68	3/8	2,124.91	3/8	2,304.15	3/8	2,483.38	3/8	2,662.61	3/8	2,841.84	3/8	3,020.07	3/8	3,200.68	3/8	3,379.54
1/2	1,770.18	1/2	1,949.41	1/2	2,128.64	1/2	2,307.88	1/2	2,487.11	1/2	2,666.34	1/2	2,845.57	1/2	3,023.80	1/2	3,204.54	1/2	3,383.27
5/8	1,773.92	5/8	1,953.15	5/8	2,132.38	5/8	2,311.62	5/8	2,490.85	5/8	2,670.08	5/8	2,849.31	5/8	3,027.54	5/8	3,208.40	5/8	3,387.01
3/4	1,777.65	3/4	1,956.88	3/4	2,136.11	3/4	2,315.35	3/4	2,494.58	3/4	2,673.81	3/4	2,853.04	3/4	3,031.27	3/4	3,212.26	3/4	3,390.74
7/8	1,781.39	7/8	1,960.62	7/8	2,139.84	7/8	2,319.09	7/8	2,498.32	7/8	2,677.55	7/8	2,856.78	7/8	3,035.01	7/8	3,216.12	7/8	3,394.48
1	1,785.12	7	1,964.35	1	2,143.58	7	2,322.82	1	2,502.05	7	2,681.28	1	2,860.51	7	3,038.74	1	3,219.98	7	3,398.21
1/8	1,788.85	1/8	1,968.08	1/8	2,147.31	1/8	2,326.58	1/8	2,505.91	1/8	2,685.01	1/8	2,864.24	1/8	3,042.60	1/8	3,223.59	1/8	3,401.94
1/4	1,792.59	1/4	1,971.82	1/4	2,151.05	1/4	2,330.34	1/4	2,509.77	1/4	2,688.75	1/4	2,867.98	1/4	3,046.46	1/4	3,227.20	1/4	3,405.68
3/8	1,796.32	3/8	1,975.55	3/8	2,154.78	3/8	2,334.10	3/8	2,513.63	3/8	2,692.48	3/8	2,871.71	3/8	3,050.32	3/8	3,230.81	3/8	3,409.41
1/2	1,800.05	1/2	1,979.28	1/2	2,158.52	1/2	2,337.85	1/2	2,517.48	1/2	2,696.21	1/2	2,875.44	1/2	3,054.18	1/2	3,234.42	1/2	3,413.14
5/8	1,803.79	5/8	1,983.02	5/8	2,162.25	5/8	2,341.61	5/8	2,521.34	5/8	2,699.95	5/8	2,879.18	5/8	3,058.04	5/8	3,238.03	5/8	3,416.88
3/4	1,807.52	3/4	1,986.75	3/4	2,165.99	3/4	2,345.37	3/4	2,525.20	3/4	2,703.68	3/4	2,882.91	3/4	3,061.90	3/4	3,241.64	3/4	3,420.61
7/8	1,811.26	7/8	1,990.48	7/8	2,169.72	7/8	2,349.13	7/8	2,529.06	7/8	2,707.42	7/8	2,886.64	7/8	3,065.76	7/8	3,245.25	7/8	3,424.35
2	1,814.99	8	1,994.22	2	2,173.46	8	2,352.89	2	2,532.92	8	2,711.15	2	2,890.38	8	3,069.62	2	3,248.86	8	3,428.08
1/8	1,818.72	1/8	1,997.95	1/8	2,177.19	1/8	2,356.60	1/8	2,536.53	1/8	2,714.88	1/8	2,894.12	1/8	3,073.35	1/8	3,252.59	1/8	3,431.81
1/4	1,822.46	1/4	2,001.69	1/4	2,180.93	1/4	2,360.31	1/4	2,540.14	1/4	2,718.62	1/4	2,897.86	1/4	3,077.09	1/4	3,256.33	1/4	3,435.55
3/8	1,826.19	3/8	2,005.42	3/8	2,184.66	3/8	2,364.02	3/8	2,543.75	3/8	2,722.35	3/8	2,901.60	3/8	3,080.82	3/8	3,260.06	3/8	3,439.28
1/2	1,829.92	1/2	2,009.16	1/2	2,188.39	1/2	2,367.73	1/2	2,547.35	1/2	2,726.08	1/2	2,905.33	1/2	3,084.55	1/2	3,263.79	1/2	3,443.01
5/8	1,833.66	5/8	2,012.89	5/8	2,192.13	5/8	2,371.45	5/8	2,550.96	5/8	2,729.82	5/8	2,909.07	5/8	3,088.29	5/8	3,267.52	5/8	3,446.75
3/4	1,837.39	3/4	2,016.63	3/4	2,195.86	3/4	2,375.16	3/4	2,554.57	3/4	2,733.55	3/4	2,912.81	3/4	3,092.02	3/4	3,271.26	3/4	3,450.48
7/8	1,841.12	7/8	2,020.36	7/8	2,199.60	7/8	2,378.87	7/8	2,558.18	7/8	2,737.28	7/8	2,916.55	7/8	3,095.76	7/8	3,274.99	7/8	3,454.22
3	1,844.86	9	2,024.10	3	2,203.33	9	2,382.58	3	2,561.79	9	2,741.02	3	2,920.29	9	3,099.49	3	3,278.72	9	3,457.95
1/8	1,848.59	1/8	2,027.83	1/8	2,207.06	1/8	2,386.31	1/8	2,565.52	1/8	2,744.75	1/8	2,924.02	1/8	3,103.22	1/8	3,282.45	1/8	3,461.68
1/4	1,852.33	1/4	2,031.57	1/4	2,210.80	1/4	2,390.04	1/4	2,569.26	1/4	2,748.49	1/4	2,927.75	1/4	3,106.96	1/4	3,286.19	1/4	3,465.42
3/8	1,856.06	3/8	2,035.30	3/8	2,214.53	3/8	2,393.77	3/8	2,572.99	3/8	2,752.22	3/8	2,931.48	3/8	3,110.69	3/8	3,289.92	3/8	3,469.15
1/2	1,859.80	1/2	2,039.03	1/2	2,218.26	1/2	2,397.50	1/2	2,576.72	1/2	2,755.96	1/2	2,935.21	1/2	3,114.42	1/2	3,293.65	1/2	3,472.88
5/8	1,863.53	5/8	2,042.77	5/8	2,222.00	5/8	2,401.24	5/8	2,580.46	5/8	2,759.69	5/8	2,938.94	5/8	3,118.16	5/8	3,297.38	5/8	3,476.62
3/4	1,867.27	3/4	2,046.50	3/4	2,225.73	3/4	2,404.97	3/4	2,584.19	3/4	2,763.43	3/4	2,942.67	3/4	3,121.89	3/4	3,301.12	3/4	3,480.35
7/8	1,871.00	7/8	2,050.24	7/8	2,229.47	7/8	2,408.70	7/8	2,587.93	7/8	2,767.16	7/8	2,946.40	7/8	3,125.63	7/8	3,304.85	7/8	3,484.08
4	1,874.74	10	2,053.97	4	2,233.20	10	2,412.43	4	2,591.66	10	2,770.90	4	2,950.13	10	3,129.36	4	3,308.58	10	3,487.82
1/8	1,878.47	1/8	2,057.70	1/8	2,237.05	1/8	2,416.16	1/8	2,595.40	1/8	2,774.63	1/8	2,953.86	1/8	3,133.09	1/8	3,312.32	1/8	3,491.55
1/4	1,882.21	1/4	2,061.44	1/4	2,240.89	1/4	2,419.90	1/4	2,599.13	1/4	2,778.37	1/4	2,957.60	1/4	3,136.83	1/4	3,316.06	1/4	3,495.29
3/8	1,885.94	3/8	2,065.17	3/8	2,244.74	3/8	2,423.63	3/8	2,602.87	3/8	2,782.10	3/8	2,961.33	3/8	3,140.56	3/8	3,319.79	3/8	3,499.02
1/2	1,889.67	1/2	2,068.90	1/2	2,248.58	1/2	2,427.36	1/2	2,606.60	1/2	2,785.83	1/2	2,965.06	1/2	3,144.29	1/2	3,323.53	1/2	3,502.76
5/8	1,893.41	5/8	2,072.64	5/8	2,252.43	5/8	2,431.10	5/8	2,610.34	5/8	2,789.57	5/8	2,968.80	5/8	3,148.03	5/8	3,327.27	5/8	3,506.49
3/4	1,897.14	3/4	2,076.37	3/4	2,256.28	3/4	2,434.83	3/4	2,614.07	3/4	2,793.30	3/4	2,972.53	3/4	3,151.76	3/4	3,331.01	3/4	3,510.23
7/8	1,900.88	7/8	2,080.11	7/8	2,260.12	7/8	2,438.57	7/8	2,617.81	7/8	2,797.04	7/8	2,976.27	7/8	3,155.50	7/8	3,334.74	7/8	3,513.96
5	1,904.61	11	2,083.84	5	2,263.97	11	2,442.30	5	2,621.54	11	2,800.77	5	2,980.00	11	3,159.23	5	3,338.48	11	3,517.70
1/8	1,908.34	1/8	2,087.57	1/8	2,267.59	1/8	2,446.04	1/8	2,625.27	1/8	2,804.50	1/8	2,983.61	1/8	3,162.96	1/8	3,342.21	1/8	3,521.43
1/4	1,912.08	1/4	2,091.31	1/4	2,271.21	1/4	2,449.77	1/4	2,629.01	1/4	2,808.24	1/4	2,987.22	1/4	3,166.70	1/4	3,345.95	1/4	3,525.17
3/8	1,915.81	3/8	2,095.04	3/8	2,274.83	3/8	2,453.51	3/8	2,632.74	3/8	2,811.97	3/8	2,990.83	3/8	3,170.43	3/8	3,349.68	3/8	3,528.90
1/2	1,919.54	1/2	2,098.77	1/2	2,278.45	1/2	2,457.24	1/2	2,636.47	1/2	2,815.70	1/2	2,994.43	1/2	3,174.16	1/2	3,353.41	1/2	3,532.63
5/8	1,923.28	5/8	2,102.51	5/8	2,282.08	5/8	2,460.98	5/8	2,640.21	5/8	2,819.44	5/8	2,998.04	5/8	3,177.90	5/8	3,357.14	5/8	3,536.37
3/4	1,927.01	3/4	2,106.24	3/4	2,285.70	3/4	2,464.71	3/4	2,643.94	3/4	2,823.17	3/4	3,001.65	3/4	3,181.63	3/4	3,360.88	3/4	3,540.10
7/8	1,930.75	7/8	2,109.98	7/8	2,289.32	7/8	2,468.45	7/8	2,647.68	7/8	2,826.91	7/8	3,005.26	7/8	3,185.36	7/8	3,364.61	7/8	3,543.84

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# BARGE "KIRBY 29020"

## 1 STBD INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 1/2"

N	10 FT.	N	10 FT.	N	11 FT.	N	11 FT.	N	12 FT.	N	12 FT.	N	13 FT.	N	13 FT.	N	14 FT.	N	14 FT.
0	3,547.57	6	3,726.80	0	3,906.03	6	4,085.25	0	4,264.50	6	4,443.73	0	4,622.96	6	4,802.19	0	4,981.42	6	5,098.41
1/8	3,551.30	1/8	3,730.53	1/8	3,909.76	1/8	4,089.11	1/8	4,268.23	1/8	4,447.46	1/8	4,626.69	1/8	4,806.04	1/8	4,985.15	1/8	5,098.72
1/4	3,555.04	1/4	3,734.27	1/4	3,913.50	1/4	4,092.97	1/4	4,271.97	1/4	4,451.20	1/4	4,630.43	1/4	4,809.88	1/4	4,988.89	1/4	5,099.03
3/8	3,558.77	3/8	3,738.00	3/8	3,917.23	3/8	4,096.83	3/8	4,275.70	3/8	4,454.93	3/8	4,634.16	3/8	4,813.73	3/8	4,992.62	3/8	5,099.34
1/2	3,562.50	1/2	3,741.74	1/2	3,920.96	1/2	4,100.69	1/2	4,279.43	1/2	4,458.66	1/2	4,637.89	1/2	4,817.57	1/2	4,996.36	1/2	5,099.65
5/8	3,566.24	5/8	3,745.47	5/8	3,924.70	5/8	4,104.56	5/8	4,283.17	5/8	4,462.40	5/8	4,641.63	5/8	4,821.42	5/8	5,000.09	5/8	5,099.97
3/4	3,569.97	3/4	3,749.20	3/4	3,928.43	3/4	4,108.42	3/4	4,286.90	3/4	4,466.13	3/4	4,645.36	3/4	4,825.27	3/4	5,003.83	3/4	5,100.28
7/8	3,573.71	7/8	3,752.94	7/8	3,932.16	7/8	4,112.28	7/8	4,290.64	7/8	4,469.87	7/8	4,649.10	7/8	4,829.11	7/8	5,007.56	7/8	5,100.59
1	3,577.44	7	3,756.67	1	3,935.90	7	4,116.14	1	4,294.37	7	4,473.60	1	4,652.83	7	4,832.96	1	5,011.30	7	5,100.90
1/8	3,581.17	1/8	3,760.40	1/8	3,939.63	1/8	4,119.97	1/8	4,298.10	1/8	4,477.33	1/8	4,656.56	1/8	4,836.58	1/8	5,014.35	1/8	5,101.21
1/4	3,584.91	1/4	3,764.14	1/4	3,943.37	1/4	4,123.81	1/4	4,301.84	1/4	4,481.07	1/4	4,660.30	1/4	4,840.21	1/4	5,017.39	1/4	5,101.52
3/8	3,588.64	3/8	3,767.87	3/8	3,947.10	3/8	4,127.64	3/8	4,305.57	3/8	4,484.80	3/8	4,664.03	3/8	4,843.83	3/8	5,020.44	3/8	5,101.83
1/2	3,592.37	1/2	3,771.61	1/2	3,950.84	1/2	4,131.47	1/2	4,309.30	1/2	4,488.54	1/2	4,667.76	1/2	4,847.45	1/2	5,023.48	1/2	5,102.14
5/8	3,596.11	5/8	3,775.34	5/8	3,954.57	5/8	4,135.31	5/8	4,313.04	5/8	4,492.27	5/8	4,671.50	5/8	4,851.07	5/8	5,026.53	5/8	5,102.45
3/4	3,599.84	3/4	3,779.07	3/4	3,958.31	3/4	4,139.14	3/4	4,316.77	3/4	4,496.00	3/4	4,675.23	3/4	4,854.70	3/4	5,029.58	3/4	5,102.76
7/8	3,603.58	7/8	3,782.81	7/8	3,962.04	7/8	4,142.98	7/8	4,320.51	7/8	4,499.74	7/8	4,678.96	7/8	4,858.32	7/8	5,032.62	7/8	5,103.07
2	3,607.31	8	3,786.54	2	3,965.78	8	4,146.81	2	4,324.24	8	4,503.47	2	4,682.70	8	4,861.94	2	5,035.67	8	5,103.38
1/8	3,611.04	1/8	3,790.28	1/8	3,969.51	1/8	4,150.28	1/8	4,327.97	1/8	4,507.20	1/8	4,686.43	1/8	4,865.67	1/8	5,037.59	1/8	5,103.69
1/4	3,614.78	1/4	3,794.01	1/4	3,973.23	1/4	4,154.75	1/4	4,331.71	1/4	4,510.94	1/4	4,690.17	1/4	4,869.41	1/4	5,039.52	1/4	5,104.00
3/8	3,618.51	3/8	3,797.75	3/8	3,976.96	3/8	4,158.22	3/8	4,335.44	3/8	4,514.67	3/8	4,693.90	3/8	4,873.14	3/8	5,041.44	3/8	5,104.31
1/2	3,622.24	1/2	3,801.48	1/2	3,980.68	1/2	4,160.69	1/2	4,339.17	1/2	4,518.41	1/2	4,697.64	1/2	4,876.87	1/2	5,043.37	1/2	5,104.62
5/8	3,625.98	5/8	3,805.22	5/8	3,984.41	5/8	4,164.17	5/8	4,342.91	5/8	4,522.14	5/8	4,701.37	5/8	4,880.61	5/8	5,045.29	5/8	5,104.93
3/4	3,629.71	3/4	3,808.95	3/4	3,988.13	3/4	4,167.64	3/4	4,346.64	3/4	4,525.87	3/4	4,705.11	3/4	4,884.34	3/4	5,047.22	3/4	5,105.24
7/8	3,633.44	7/8	3,812.69	7/8	3,991.86	7/8	4,171.11	7/8	4,350.38	7/8	4,529.61	7/8	4,708.84	7/8	4,888.08	7/8	5,049.14	7/8	5,105.55
3	3,637.18	9	3,816.42	3	3,995.58	9	4,174.58	3	4,354.11	9	4,533.34	3	4,712.58	9	4,891.81	3	5,051.07	9	5,105.86
1/8	3,640.92	1/8	3,820.15	1/8	3,999.32	1/8	4,178.35	1/8	4,357.84	1/8	4,537.08	1/8	4,716.31	1/8	4,895.54	1/8	5,054.26	1/8	5,106.17
1/4	3,644.65	1/4	3,823.89	1/4	4,003.07	1/4	4,182.12	1/4	4,361.57	1/4	4,540.81	1/4	4,720.05	1/4	4,899.28	1/4	5,057.45	1/4	5,106.48
3/8	3,648.39	3/8	3,827.62	3/8	4,006.81	3/8	4,185.89	3/8	4,365.30	3/8	4,544.55	3/8	4,723.78	3/8	4,903.01	3/8	5,060.64	3/8	5,106.79
1/2	3,652.13	1/2	3,831.35	1/2	4,010.55	1/2	4,189.66	1/2	4,369.03	1/2	4,548.28	1/2	4,727.51	1/2	4,906.74	1/2	5,063.82	1/2	5,107.10
5/8	3,655.87	5/8	3,835.09	5/8	4,014.29	5/8	4,193.44	5/8	4,372.77	5/8	4,552.02	5/8	4,731.25	5/8	4,910.48	5/8	5,067.01	5/8	5,107.41
3/4	3,659.60	3/4	3,838.82	3/4	4,018.04	3/4	4,197.21	3/4	4,376.50	3/4	4,555.75	3/4	4,734.98	3/4	4,914.21	3/4	5,070.20	3/4	5,107.72
7/8	3,663.34	7/8	3,842.56	7/8	4,021.78	7/8	4,200.98	7/8	4,380.23	7/8	4,559.49	7/8	4,738.72	7/8	4,917.95	7/8	5,073.39	7/8	5,108.03
4	3,667.08	10	3,846.29	4	4,025.52	10	4,204.75	4	4,383.96	10	4,563.22	4	4,742.45	10	4,921.68	4	5,076.58	10	5,108.34
1/8	3,670.81	1/8	3,850.02	1/8	4,029.25	1/8	4,208.48	1/8	4,387.70	1/8	4,566.95	1/8	4,746.17	1/8	4,925.41	1/8	5,078.36	1/8	5,108.65
1/4	3,674.54	1/4	3,853.76	1/4	4,032.99	1/4	4,212.22	1/4	4,391.44	1/4	4,570.69	1/4	4,749.89	1/4	4,929.15	1/4	5,080.15	1/4	5,108.96
3/8	3,678.27	3/8	3,857.49	3/8	4,036.72	3/8	4,215.95	3/8	4,395.18	3/8	4,574.42	3/8	4,753.61	3/8	4,932.88	3/8	5,081.93	3/8	5,109.27
1/2	3,682.00	1/2	3,861.22	1/2	4,040.45	1/2	4,219.68	1/2	4,398.92	1/2	4,578.15	1/2	4,757.33	1/2	4,936.61	1/2	5,083.71	1/2	5,109.58
5/8	3,685.74	5/8	3,864.96	5/8	4,044.19	5/8	4,223.42	5/8	4,402.66	5/8	4,581.89	5/8	4,761.06	5/8	4,940.35	5/8	5,085.49	5/8	5,109.89
3/4	3,689.47	3/4	3,868.69	3/4	4,047.92	3/4	4,227.15	3/4	4,406.40	3/4	4,585.62	3/4	4,764.78	3/4	4,944.08	3/4	5,087.28	3/4	5,110.20
7/8	3,693.20	7/8	3,872.43	7/8	4,051.66	7/8	4,230.89	7/8	4,410.14	7/8	4,589.36	7/8	4,768.50	7/8	4,947.82	7/8	5,089.06	7/8	5,110.51
5	3,696.93	11	3,876.16	5	4,055.39	11	4,234.62	5	4,413.88	11	4,593.09	5	4,772.22	11	4,951.55	5	5,090.84	11	5,110.82
1/8	3,700.66	1/8	3,879.89	1/8	4,059.12	1/8	4,238.36	1/8	4,417.61	1/8	4,596.82	1/8	4,775.97	1/8	4,955.28	1/8	5,091.79	1/8	5,111.13
1/4	3,704.40	1/4	3,883.63	1/4	4,062.85	1/4	4,242.09	1/4	4,421.34	1/4	4,600.56	1/4	4,779.71	1/4	4,959.02	1/4	5,092.73	1/4	5,111.44
3/8	3,708.13	3/8	3,887.36	3/8	4,066.59	3/8	4,245.83	3/8	4,425.07	3/8	4,604.29	3/8	4,783.46	3/8	4,962.75	3/8	5,093.68	3/8	5,111.75
1/2	3,711.86	1/2	3,891.09	1/2	4,070.32	1/2	4,249.56	1/2	4,428.80	1/2	4,608.02	1/2	4,787.20	1/2	4,966.48	1/2	5,094.62	1/2	5,112.06
5/8	3,715.60	5/8	3,894.83	5/8	4,074.05	5/8	4,253.30	5/8	4,432.54	5/8	4,611.76	5/8	4,790.95	5/8	4,970.22	5/8	5,095.57	5/8	5,112.37
3/4	3,719.33	3/4	3,898.56	3/4	4,077.78	3/4	4,257.03	3/4	4,436.27	3/4	4,615.49	3/4	4,794.70	3/4	4,973.95	3/4	5,096.52	3/4	5,112.68
7/8	3,723.07	7/8	3,902.30	7/8	4,081.52	7/8	4,260.77	7/8	4,440.00	7/8	4,619.23	7/8	4,798.44	7/8	4,977.68	7/8	5,097.46	7/8	5,112.99

STRAPPED: 12/14/2006 INS  
CALCULATED: 03/12/2021 CL  
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# BARGE "KIRBY 29020"

## 2 PORT INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 1/4"

N	0 FT.	N	0 FT.	N	1 FT.	N	1 FT.	N	2 FT.	N	2 FT.	N	3 FT.	N	3 FT.	N	4 FT.	N	4 FT.
0	14.99	6	179.90	0	359.69	6	539.70	0	719.81	6	899.51	0	1,079.42	6	1,259.32	0	1,439.22	6	1,618.13
1/8	17.33	1/8	183.62	1/8	363.45	1/8	543.45	1/8	723.53	1/8	903.13	1/8	1,083.17	1/8	1,262.94	1/8	1,442.97	1/8	1,622.00
1/4	19.68	1/4	187.34	1/4	367.21	1/4	547.20	1/4	727.25	1/4	906.76	1/4	1,086.91	1/4	1,266.56	1/4	1,446.72	1/4	1,625.88
3/8	22.02	3/8	191.07	3/8	370.97	3/8	550.95	3/8	730.98	3/8	910.38	3/8	1,090.66	3/8	1,270.19	3/8	1,450.47	3/8	1,629.75
1/2	24.36	1/2	194.79	1/2	374.73	1/2	554.69	1/2	734.70	1/2	914.00	1/2	1,094.41	1/2	1,273.81	1/2	1,454.21	1/2	1,633.62
5/8	26.70	5/8	198.51	5/8	378.50	5/8	558.44	5/8	738.42	5/8	917.63	5/8	1,098.16	5/8	1,277.43	5/8	1,457.96	5/8	1,637.49
3/4	29.05	3/4	202.23	3/4	382.26	3/4	562.19	3/4	742.14	3/4	921.25	3/4	1,101.90	3/4	1,281.05	3/4	1,461.71	3/4	1,641.37
7/8	31.39	7/8	205.96	7/8	386.02	7/8	565.94	7/8	745.87	7/8	924.88	7/8	1,105.65	7/8	1,284.68	7/8	1,465.46	7/8	1,645.24
1	33.73	7	209.68	1	389.78	7	569.69	1	749.59	7	928.50	1	1,109.40	7	1,288.30	1	1,469.21	7	1,649.11
1/8	37.01	1/8	213.33	1/8	393.53	1/8	573.34	1/8	753.34	1/8	932.25	1/8	1,113.02	1/8	1,292.17	1/8	1,472.96	1/8	1,652.86
1/4	40.29	1/4	216.97	1/4	397.28	1/4	576.98	1/4	757.09	1/4	935.99	1/4	1,116.64	1/4	1,296.05	1/4	1,476.71	1/4	1,656.61
3/8	43.57	3/8	220.62	3/8	401.03	3/8	580.63	3/8	760.84	3/8	939.74	3/8	1,120.27	3/8	1,299.92	3/8	1,480.45	3/8	1,660.36
1/2	46.84	1/2	224.27	1/2	404.77	1/2	584.28	1/2	764.58	1/2	943.49	1/2	1,123.89	1/2	1,303.79	1/2	1,484.20	1/2	1,664.10
5/8	50.12	5/8	227.92	5/8	408.52	5/8	587.93	5/8	768.33	5/8	947.24	5/8	1,127.51	5/8	1,307.67	5/8	1,487.95	5/8	1,667.85
3/4	53.40	3/4	231.56	3/4	412.27	3/4	591.57	3/4	772.08	3/4	950.98	3/4	1,131.13	3/4	1,311.54	3/4	1,491.70	3/4	1,671.60
7/8	56.68	7/8	235.21	7/8	416.02	7/8	595.22	7/8	775.83	7/8	954.73	7/8	1,134.76	7/8	1,315.42	7/8	1,495.44	7/8	1,675.35
2	59.96	8	238.86	2	419.77	8	598.87	2	779.58	8	958.48	2	1,138.38	8	1,319.29	2	1,499.19	8	1,679.10
1/8	63.71	1/8	242.73	1/8	423.52	1/8	602.72	1/8	783.33	1/8	962.23	1/8	1,142.25	1/8	1,323.04	1/8	1,502.94	1/8	1,682.85
1/4	67.45	1/4	246.61	1/4	427.27	1/4	606.57	1/4	787.07	1/4	965.98	1/4	1,146.13	1/4	1,326.79	1/4	1,506.69	1/4	1,686.59
3/8	71.20	3/8	250.48	3/8	431.01	3/8	610.42	3/8	790.82	3/8	969.73	3/8	1,150.00	3/8	1,330.53	3/8	1,510.44	3/8	1,690.34
1/2	74.95	1/2	254.36	1/2	434.76	1/2	614.27	1/2	794.57	1/2	973.48	1/2	1,153.87	1/2	1,334.28	1/2	1,514.18	1/2	1,694.09
5/8	78.70	5/8	258.23	5/8	438.51	5/8	618.13	5/8	798.32	5/8	977.24	5/8	1,157.75	5/8	1,338.03	5/8	1,517.93	5/8	1,697.84
3/4	82.45	3/4	262.11	3/4	442.26	3/4	621.98	3/4	802.06	3/4	980.99	3/4	1,161.62	3/4	1,341.78	3/4	1,521.68	3/4	1,701.58
7/8	86.19	7/8	265.98	7/8	446.00	7/8	625.83	7/8	805.81	7/8	984.74	7/8	1,165.50	7/8	1,345.52	7/8	1,525.43	7/8	1,705.33
3	89.94	9	269.86	3	449.75	9	629.68	3	809.56	9	988.49	3	1,169.37	9	1,349.27	3	1,529.18	9	1,709.08
1/8	93.69	1/8	273.58	1/8	453.50	1/8	633.42	1/8	813.31	1/8	992.36	1/8	1,173.12	1/8	1,352.89	1/8	1,532.80	1/8	1,712.83
1/4	97.44	1/4	277.30	1/4	457.25	1/4	637.17	1/4	817.05	1/4	996.23	1/4	1,176.87	1/4	1,356.52	1/4	1,536.42	1/4	1,716.57
3/8	101.19	3/8	281.02	3/8	461.00	3/8	640.91	3/8	820.80	3/8	1,000.10	3/8	1,180.61	3/8	1,360.14	3/8	1,540.05	3/8	1,720.32
1/2	104.94	1/2	284.74	1/2	464.74	1/2	644.66	1/2	824.55	1/2	1,003.97	1/2	1,184.36	1/2	1,363.76	1/2	1,543.67	1/2	1,724.07
5/8	108.68	5/8	288.47	5/8	468.49	5/8	648.40	5/8	828.30	5/8	1,007.84	5/8	1,188.11	5/8	1,367.39	5/8	1,547.29	5/8	1,727.82
3/4	112.43	3/4	292.19	3/4	472.24	3/4	652.15	3/4	832.04	3/4	1,011.71	3/4	1,191.86	3/4	1,371.01	3/4	1,550.91	3/4	1,731.56
7/8	116.18	7/8	295.91	7/8	475.99	7/8	655.89	7/8	835.79	7/8	1,015.58	7/8	1,195.60	7/8	1,374.64	7/8	1,554.54	7/8	1,735.31
4	119.93	10	299.63	4	479.74	10	659.64	4	839.54	10	1,019.45	4	1,199.35	10	1,378.26	4	1,558.16	10	1,739.06
1/8	123.55	1/8	303.28	1/8	483.49	1/8	663.39	1/8	843.29	1/8	1,023.20	1/8	1,202.97	1/8	1,382.13	1/8	1,562.03	1/8	1,742.81
1/4	127.18	1/4	306.93	1/4	487.23	1/4	667.13	1/4	847.04	1/4	1,026.95	1/4	1,206.60	1/4	1,386.00	1/4	1,565.90	1/4	1,746.56
3/8	130.80	3/8	310.58	3/8	490.98	3/8	670.88	3/8	850.79	3/8	1,030.69	3/8	1,210.22	3/8	1,389.88	3/8	1,569.78	3/8	1,750.31
1/2	134.42	1/2	314.22	1/2	494.73	1/2	674.63	1/2	854.53	1/2	1,034.44	1/2	1,213.84	1/2	1,393.75	1/2	1,573.65	1/2	1,754.06
5/8	138.04	5/8	317.87	5/8	498.48	5/8	678.38	5/8	858.28	5/8	1,038.19	5/8	1,217.47	5/8	1,397.62	5/8	1,577.52	5/8	1,757.81
3/4	141.67	3/4	321.52	3/4	502.22	3/4	682.12	3/4	862.03	3/4	1,041.94	3/4	1,221.09	3/4	1,401.49	3/4	1,581.39	3/4	1,761.56
7/8	145.29	7/8	325.17	7/8	505.97	7/8	685.87	7/8	865.78	7/8	1,045.68	7/8	1,224.72	7/8	1,405.37	7/8	1,585.27	7/8	1,765.31
5	148.91	11	328.82	5	509.72	11	689.62	5	869.53	11	1,049.43	5	1,228.34	11	1,409.24	5	1,589.14	11	1,769.06
1/8	152.78	1/8	332.68	1/8	513.47	1/8	693.39	1/8	873.28	1/8	1,053.18	1/8	1,232.21	1/8	1,412.99	1/8	1,592.76	1/8	1,772.81
1/4	156.66	1/4	336.54	1/4	517.21	1/4	697.17	1/4	877.02	1/4	1,056.93	1/4	1,236.08	1/4	1,416.73	1/4	1,596.39	1/4	1,776.55
3/8	160.53	3/8	340.40	3/8	520.96	3/8	700.94	3/8	880.77	3/8	1,060.68	3/8	1,239.96	3/8	1,420.48	3/8	1,600.01	3/8	1,780.30
1/2	164.40	1/2	344.25	1/2	524.71	1/2	704.71	1/2	884.52	1/2	1,064.42	1/2	1,243.83	1/2	1,424.23	1/2	1,603.63	1/2	1,784.04
5/8	168.28	5/8	348.11	5/8	528.46	5/8	708.49	5/8	888.27	5/8	1,068.17	5/8	1,247.70	5/8	1,427.98	5/8	1,607.26	5/8	1,787.79
3/4	172.15	3/4	351.97	3/4	532.20	3/4	712.26	3/4	892.01	3/4	1,071.92	3/4	1,251.57	3/4	1,431.72	3/4	1,610.88	3/4	1,791.54
7/8	176.03	7/8	355.83	7/8	535.95	7/8	716.04	7/8	895.76	7/8	1,075.67	7/8	1,255.45	7/8	1,435.47	7/8	1,614.51	7/8	1,795.28

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 TOP LIP OF 4" DIAMETER STANDPIPE.

GAUGE POINT: (4" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 36'-10" 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 29020"

## 2 PORT INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 1/4"

N	5 FT.	N	5 FT.	N	6 FT.	N	6 FT.	N	7 FT.	N	7 FT.	N	8 FT.	N	8 FT.	N	9 FT.	N	9 FT.
0	1,799.03	6	1,978.94	0	2,158.84	6	2,338.74	0	2,518.85	6	2,698.55	0	2,878.46	6	3,058.36	0	3,238.36	6	3,419.17
1/8	1,802.78	1/8	1,982.67	1/8	2,162.59	1/8	2,342.49	1/8	2,522.60	1/8	2,702.30	1/8	2,882.21	1/8	3,062.11	1/8	3,242.10	1/8	3,422.79
1/4	1,806.53	1/4	1,986.41	1/4	2,166.33	1/4	2,346.24	1/4	2,526.34	1/4	2,706.05	1/4	2,885.95	1/4	3,065.85	1/4	3,245.83	1/4	3,426.41
3/8	1,810.28	3/8	1,990.14	3/8	2,170.08	3/8	2,349.99	3/8	2,530.09	3/8	2,709.80	3/8	2,889.70	3/8	3,069.60	3/8	3,249.57	3/8	3,430.04
1/2	1,814.02	1/2	1,993.88	1/2	2,173.83	1/2	2,353.73	1/2	2,533.84	1/2	2,713.54	1/2	2,893.45	1/2	3,073.35	1/2	3,253.30	1/2	3,433.66
5/8	1,817.77	5/8	1,997.61	5/8	2,177.58	5/8	2,357.48	5/8	2,537.59	5/8	2,717.29	5/8	2,897.20	5/8	3,077.10	5/8	3,257.04	5/8	3,437.28
3/4	1,821.52	3/4	2,001.35	3/4	2,181.32	3/4	2,361.23	3/4	2,541.33	3/4	2,721.04	3/4	2,900.94	3/4	3,080.84	3/4	3,260.78	3/4	3,440.90
7/8	1,825.27	7/8	2,005.08	7/8	2,185.07	7/8	2,364.98	7/8	2,545.08	7/8	2,724.79	7/8	2,904.69	7/8	3,084.59	7/8	3,264.51	7/8	3,444.53
1	1,829.02	7	2,008.82	1	2,188.82	7	2,368.73	1	2,548.83	7	2,728.54	1	2,908.44	7	3,088.34	1	3,268.25	7	3,448.15
1/8	1,832.77	1/8	2,012.33	1/8	2,192.57	1/8	2,372.48	1/8	2,552.58	1/8	2,732.29	1/8	2,912.19	1/8	3,092.09	1/8	3,272.00	1/8	3,451.90
1/4	1,836.51	1/4	2,015.84	1/4	2,196.32	1/4	2,376.22	1/4	2,556.33	1/4	2,736.03	1/4	2,915.93	1/4	3,095.84	1/4	3,275.74	1/4	3,455.65
3/8	1,840.26	3/8	2,019.35	3/8	2,200.07	3/8	2,379.97	3/8	2,560.08	3/8	2,739.78	3/8	2,919.68	3/8	3,099.59	3/8	3,279.49	3/8	3,459.40
1/2	1,844.01	1/2	2,022.86	1/2	2,203.81	1/2	2,383.72	1/2	2,563.82	1/2	2,743.53	1/2	2,923.43	1/2	3,103.33	1/2	3,283.24	1/2	3,463.14
5/8	1,847.76	5/8	2,026.37	5/8	2,207.56	5/8	2,387.47	5/8	2,567.57	5/8	2,747.28	5/8	2,927.18	5/8	3,107.08	5/8	3,286.99	5/8	3,466.89
3/4	1,851.50	3/4	2,029.88	3/4	2,211.31	3/4	2,391.21	3/4	2,571.32	3/4	2,751.02	3/4	2,930.92	3/4	3,110.83	3/4	3,290.73	3/4	3,470.64
7/8	1,855.25	7/8	2,033.39	7/8	2,215.06	7/8	2,394.96	7/8	2,575.07	7/8	2,754.77	7/8	2,934.67	7/8	3,114.58	7/8	3,294.48	7/8	3,474.39
2	1,859.00	8	2,036.90	2	2,218.81	8	2,398.71	2	2,578.82	8	2,758.52	2	2,938.42	8	3,118.33	2	3,298.23	8	3,478.14
1/8	1,862.75	1/8	2,040.90	1/8	2,222.56	1/8	2,402.46	1/8	2,582.57	1/8	2,762.27	1/8	2,942.17	1/8	3,122.08	1/8	3,301.98	1/8	3,481.89
1/4	1,866.49	1/4	2,044.90	1/4	2,226.30	1/4	2,406.21	1/4	2,586.33	1/4	2,766.01	1/4	2,945.92	1/4	3,125.82	1/4	3,305.73	1/4	3,485.63
3/8	1,870.24	3/8	2,048.90	3/8	2,230.05	3/8	2,409.96	3/8	2,590.08	3/8	2,769.76	3/8	2,949.67	3/8	3,129.57	3/8	3,309.48	3/8	3,489.38
1/2	1,873.99	1/2	2,052.89	1/2	2,233.80	1/2	2,413.70	1/2	2,593.84	1/2	2,773.51	1/2	2,953.41	1/2	3,133.32	1/2	3,313.22	1/2	3,493.13
5/8	1,877.74	5/8	2,056.89	5/8	2,237.55	5/8	2,417.45	5/8	2,597.59	5/8	2,777.26	5/8	2,957.16	5/8	3,137.07	5/8	3,316.97	5/8	3,496.88
3/4	1,881.48	3/4	2,060.89	3/4	2,241.29	3/4	2,421.20	3/4	2,601.35	3/4	2,781.00	3/4	2,960.91	3/4	3,140.81	3/4	3,320.72	3/4	3,500.62
7/8	1,885.23	7/8	2,064.89	7/8	2,245.04	7/8	2,424.95	7/8	2,605.10	7/8	2,784.75	7/8	2,964.66	7/8	3,144.56	7/8	3,324.47	7/8	3,504.37
3	1,888.98	9	2,068.89	3	2,248.79	9	2,428.70	3	2,608.86	9	2,788.50	3	2,968.41	9	3,148.31	3	3,328.22	9	3,508.12
1/8	1,892.73	1/8	2,072.60	1/8	2,252.54	1/8	2,432.45	1/8	2,612.57	1/8	2,792.25	1/8	2,972.16	1/8	3,152.06	1/8	3,331.97	1/8	3,511.87
1/4	1,896.48	1/4	2,076.31	1/4	2,256.29	1/4	2,436.19	1/4	2,616.29	1/4	2,796.00	1/4	2,975.90	1/4	3,155.81	1/4	3,335.71	1/4	3,515.61
3/8	1,900.23	3/8	2,080.02	3/8	2,260.04	3/8	2,439.94	3/8	2,620.00	3/8	2,799.75	3/8	2,979.65	3/8	3,159.56	3/8	3,339.46	3/8	3,519.36
1/2	1,903.97	1/2	2,083.73	1/2	2,263.78	1/2	2,443.69	1/2	2,623.72	1/2	2,803.49	1/2	2,983.39	1/2	3,163.30	1/2	3,343.21	1/2	3,523.11
5/8	1,907.72	5/8	2,087.44	5/8	2,267.53	5/8	2,447.44	5/8	2,627.43	5/8	2,807.24	5/8	2,987.14	5/8	3,167.05	5/8	3,346.96	5/8	3,526.86
3/4	1,911.47	3/4	2,091.15	3/4	2,271.28	3/4	2,451.18	3/4	2,631.15	3/4	2,810.99	3/4	2,990.89	3/4	3,170.80	3/4	3,350.70	3/4	3,530.60
7/8	1,915.22	7/8	2,094.86	7/8	2,275.03	7/8	2,454.93	7/8	2,634.86	7/8	2,814.74	7/8	2,994.63	7/8	3,174.55	7/8	3,354.45	7/8	3,534.35
4	1,918.97	10	2,098.57	4	2,278.78	10	2,458.68	4	2,638.58	10	2,818.49	4	2,998.38	10	3,178.30	4	3,358.20	10	3,538.10
1/8	1,922.72	1/8	2,102.37	1/8	2,282.53	1/8	2,462.45	1/8	2,642.33	1/8	2,822.24	1/8	3,002.13	1/8	3,182.05	1/8	3,362.07	1/8	3,541.84
1/4	1,926.47	1/4	2,106.17	1/4	2,286.28	1/4	2,466.22	1/4	2,646.08	1/4	2,825.98	1/4	3,005.88	1/4	3,185.79	1/4	3,365.94	1/4	3,545.58
3/8	1,930.21	3/8	2,109.97	3/8	2,290.03	3/8	2,470.00	3/8	2,649.83	3/8	2,829.73	3/8	3,009.63	3/8	3,189.54	3/8	3,369.82	3/8	3,549.32
1/2	1,933.96	1/2	2,113.76	1/2	2,293.78	1/2	2,473.77	1/2	2,653.57	1/2	2,833.48	1/2	3,013.38	1/2	3,193.29	1/2	3,373.69	1/2	3,553.05
5/8	1,937.71	5/8	2,117.56	5/8	2,297.53	5/8	2,477.54	5/8	2,657.32	5/8	2,837.23	5/8	3,017.13	5/8	3,197.04	5/8	3,377.56	5/8	3,556.79
3/4	1,941.46	3/4	2,121.36	3/4	2,301.28	3/4	2,481.31	3/4	2,661.07	3/4	2,840.97	3/4	3,020.88	3/4	3,200.78	3/4	3,381.43	3/4	3,560.53
7/8	1,945.20	7/8	2,125.16	7/8	2,305.03	7/8	2,485.09	7/8	2,664.82	7/8	2,844.72	7/8	3,024.63	7/8	3,204.53	7/8	3,385.31	7/8	3,564.27
5	1,948.95	11	2,128.96	5	2,308.78	11	2,488.86	5	2,668.57	11	2,848.47	5	3,028.38	11	3,208.28	5	3,389.18	11	3,568.01
1/8	1,952.70	1/8	2,132.69	1/8	2,312.52	1/8	2,492.61	1/8	2,672.32	1/8	2,852.22	1/8	3,032.13	1/8	3,212.04	1/8	3,392.93	1/8	3,571.88
1/4	1,956.45	1/4	2,136.43	1/4	2,316.27	1/4	2,496.36	1/4	2,676.06	1/4	2,855.97	1/4	3,035.87	1/4	3,215.80	1/4	3,396.68	1/4	3,575.75
3/8	1,960.20	3/8	2,140.16	3/8	2,320.01	3/8	2,500.11	3/8	2,679.81	3/8	2,859.72	3/8	3,039.62	3/8	3,219.56	3/8	3,400.43	3/8	3,579.62
1/2	1,963.94	1/2	2,143.90	1/2	2,323.76	1/2	2,503.85	1/2	2,683.56	1/2	2,863.46	1/2	3,043.37	1/2	3,223.32	1/2	3,404.17	1/2	3,583.49
5/8	1,967.69	5/8	2,147.63	5/8	2,327.50	5/8	2,507.60	5/8	2,687.31	5/8	2,867.21	5/8	3,047.12	5/8	3,227.08	5/8	3,407.92	5/8	3,587.36
3/4	1,971.44	3/4	2,151.37	3/4	2,331.25	3/4	2,511.35	3/4	2,691.05	3/4	2,870.96	3/4	3,050.86	3/4	3,230.84	3/4	3,411.67	3/4	3,591.23
7/8	1,975.19	7/8	2,155.10	7/8	2,334.99	7/8	2,515.10	7/8	2,694.80	7/8	2,874.71	7/8	3,054.61	7/8	3,234.60	7/8	3,415.42	7/8	3,595.10

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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# BARGE "KIRBY 29020"

## 2 PORT INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 1/4"

N	10 FT.	N	10 FT.	N	11 FT.	N	11 FT.	N	12 FT.	N	12 FT.	N	13 FT.	N	13 FT.	N	14 FT.	N	14 FT.
0	3,598.97	6	3,777.98	0	3,957.88	6	4,137.78	0	4,317.09	6	4,497.59	0	4,677.50	6	4,857.40	0	5,037.30	6	5,164.73
1/8	3,602.61	1/8	3,781.73	1/8	3,961.63	1/8	4,141.53	1/8	4,320.91	1/8	4,501.34	1/8	4,681.25	1/8	4,861.15	1/8	5,041.05	1/8	5,165.04
1/4	3,606.25	1/4	3,785.47	1/4	3,965.37	1/4	4,145.28	1/4	4,324.74	1/4	4,505.09	1/4	4,684.99	1/4	4,864.89	1/4	5,044.80	1/4	5,165.36
3/8	3,609.89	3/8	3,789.22	3/8	3,969.12	3/8	4,149.03	3/8	4,328.56	3/8	4,508.84	3/8	4,688.74	3/8	4,868.64	3/8	5,048.55	3/8	5,165.67
1/2	3,613.52	1/2	3,792.97	1/2	3,972.87	1/2	4,152.77	1/2	4,332.38	1/2	4,512.58	1/2	4,692.49	1/2	4,872.39	1/2	5,052.29	1/2	5,165.98
5/8	3,617.16	5/8	3,796.72	5/8	3,976.62	5/8	4,156.52	5/8	4,336.20	5/8	4,516.33	5/8	4,696.24	5/8	4,876.14	5/8	5,056.04	5/8	5,166.29
3/4	3,620.80	3/4	3,800.46	3/4	3,980.36	3/4	4,160.27	3/4	4,340.03	3/4	4,520.08	3/4	4,699.98	3/4	4,879.88	3/4	5,059.79	3/4	5,166.61
7/8	3,624.44	7/8	3,804.21	7/8	3,984.11	7/8	4,164.02	7/8	4,343.85	7/8	4,523.83	7/8	4,703.73	7/8	4,883.63	7/8	5,063.54	7/8	5,166.92
1	3,628.08	7	3,807.96	1	3,987.86	7	4,167.77	1	4,347.67	7	4,527.58	1	4,707.48	7	4,887.38	1	5,067.29	7	5,167.23
1/8	3,631.82	1/8	3,811.71	1/8	3,991.58	1/8	4,171.64	1/8	4,351.42	1/8	4,531.33	1/8	4,711.23	1/8	4,891.13	1/8	5,070.73	1/8	5,167.54
1/4	3,635.57	1/4	3,815.45	1/4	3,995.31	1/4	4,175.51	1/4	4,355.17	1/4	4,535.08	1/4	4,714.98	1/4	4,894.88	1/4	5,074.16	1/4	5,167.85
3/8	3,639.31	3/8	3,819.20	3/8	3,999.03	3/8	4,179.39	3/8	4,358.92	3/8	4,538.83	3/8	4,718.73	3/8	4,898.63	3/8	5,077.60	3/8	5,168.16
1/2	3,643.06	1/2	3,822.95	1/2	4,002.75	1/2	4,183.26	1/2	4,362.67	1/2	4,542.58	1/2	4,722.48	1/2	4,902.37	1/2	5,081.03	1/2	5,168.47
5/8	3,646.80	5/8	3,826.70	5/8	4,006.48	5/8	4,187.13	5/8	4,366.43	5/8	4,546.33	5/8	4,726.23	5/8	4,906.12	5/8	5,084.47	5/8	5,168.78
3/4	3,650.55	3/4	3,830.44	3/4	4,010.20	3/4	4,191.00	3/4	4,370.18	3/4	4,550.08	3/4	4,729.98	3/4	4,909.87	3/4	5,087.90	3/4	5,169.09
7/8	3,654.29	7/8	3,834.19	7/8	4,013.93	7/8	4,194.88	7/8	4,373.93	7/8	4,553.83	7/8	4,733.73	7/8	4,913.62	7/8	5,091.34	7/8	5,169.40
2	3,658.04	8	3,837.94	2	4,017.65	8	4,198.75	2	4,377.68	8	4,557.58	2	4,737.48	8	4,917.37	2	5,094.77	8	5,169.71
1/8	3,661.79	1/8	3,841.69	1/8	4,021.42	1/8	4,202.37	1/8	4,381.45	1/8	4,561.32	1/8	4,741.23	1/8	4,921.12	1/8	5,097.58	1/8	5,170.02
1/4	3,665.53	1/4	3,845.44	1/4	4,025.19	1/4	4,206.00	1/4	4,385.22	1/4	4,565.07	1/4	4,744.97	1/4	4,924.87	1/4	5,100.39	1/4	5,170.33
3/8	3,669.28	3/8	3,849.19	3/8	4,028.97	3/8	4,209.62	3/8	4,388.99	3/8	4,568.81	3/8	4,748.72	3/8	4,928.62	3/8	5,103.20	3/8	5,170.64
1/2	3,673.03	1/2	3,852.93	1/2	4,032.74	1/2	4,213.24	1/2	4,392.76	1/2	4,572.56	1/2	4,752.46	1/2	4,932.37	1/2	5,106.01	1/2	5,170.95
5/8	3,676.78	5/8	3,856.68	5/8	4,036.51	5/8	4,216.87	5/8	4,396.53	5/8	4,576.30	5/8	4,756.21	5/8	4,936.11	5/8	5,108.82	5/8	5,171.26
3/4	3,680.52	3/4	3,860.43	3/4	4,040.28	3/4	4,220.49	3/4	4,400.30	3/4	4,580.05	3/4	4,759.96	3/4	4,939.86	3/4	5,111.63	3/4	5,171.57
7/8	3,684.27	7/8	3,864.18	7/8	4,044.06	7/8	4,224.12	7/8	4,404.07	7/8	4,583.79	7/8	4,763.70	7/8	4,943.61	7/8	5,114.44	7/8	5,171.88
3	3,688.02	9	3,867.93	3	4,047.83	9	4,227.74	3	4,407.84	9	4,587.54	3	4,767.45	9	4,947.36	3	5,117.25	9	5,172.19
1/8	3,691.77	1/8	3,871.68	1/8	4,051.58	1/8	4,231.49	1/8	4,411.59	1/8	4,591.29	1/8	4,771.20	1/8	4,951.11	1/8	5,119.44	1/8	5,172.50
1/4	3,695.52	1/4	3,875.42	1/4	4,055.33	1/4	4,235.23	1/4	4,415.33	1/4	4,595.04	1/4	4,774.95	1/4	4,954.86	1/4	5,121.62	1/4	5,172.81
3/8	3,699.27	3/8	3,879.17	3/8	4,059.08	3/8	4,238.98	3/8	4,419.08	3/8	4,598.79	3/8	4,778.69	3/8	4,958.60	3/8	5,123.81	3/8	5,173.12
1/2	3,703.01	1/2	3,882.92	1/2	4,062.82	1/2	4,242.73	1/2	4,422.83	1/2	4,602.53	1/2	4,782.44	1/2	4,962.35	1/2	5,125.99	1/2	5,173.43
5/8	3,706.76	5/8	3,886.67	5/8	4,066.57	5/8	4,246.48	5/8	4,426.58	5/8	4,606.28	5/8	4,786.19	5/8	4,966.10	5/8	5,128.18	5/8	5,173.74
3/4	3,710.51	3/4	3,890.41	3/4	4,070.32	3/4	4,250.22	3/4	4,430.32	3/4	4,610.03	3/4	4,789.94	3/4	4,969.84	3/4	5,130.37	3/4	5,174.05
7/8	3,714.26	7/8	3,894.16	7/8	4,074.07	7/8	4,253.97	7/8	4,434.07	7/8	4,613.78	7/8	4,793.68	7/8	4,973.59	7/8	5,132.55	7/8	5,174.36
4	3,718.01	10	3,897.91	4	4,077.82	10	4,257.72	4	4,437.82	10	4,617.53	4	4,797.43	10	4,977.34	4	5,134.74	10	5,174.67
1/8	3,721.76	1/8	3,901.66	1/8	4,081.57	1/8	4,261.47	1/8	4,441.57	1/8	4,621.28	1/8	4,801.18	1/8	4,981.07	1/8	5,136.30	1/8	5,174.98
1/4	3,725.50	1/4	3,905.41	1/4	4,085.31	1/4	4,265.21	1/4	4,445.32	1/4	4,625.03	1/4	4,804.93	1/4	4,984.81	1/4	5,137.86	1/4	5,175.29
3/8	3,729.25	3/8	3,909.16	3/8	4,089.06	3/8	4,268.96	3/8	4,449.07	3/8	4,628.77	3/8	4,808.68	3/8	4,988.54	3/8	5,139.42	3/8	5,175.60
1/2	3,732.99	1/2	3,912.90	1/2	4,092.81	1/2	4,272.71	1/2	4,452.81	1/2	4,632.52	1/2	4,812.42	1/2	4,992.28	1/2	5,140.98	1/2	5,175.91
5/8	3,736.74	5/8	3,916.65	5/8	4,096.56	5/8	4,276.46	5/8	4,456.56	5/8	4,636.27	5/8	4,816.17	5/8	4,996.01	5/8	5,142.55	5/8	5,176.22
3/4	3,740.49	3/4	3,920.40	3/4	4,100.30	3/4	4,280.20	3/4	4,460.31	3/4	4,640.02	3/4	4,819.92	3/4	4,999.75	3/4	5,144.11	3/4	5,176.53
7/8	3,744.23	7/8	3,924.15	7/8	4,104.05	7/8	4,283.95	7/8	4,464.06	7/8	4,643.76	7/8	4,823.67	7/8	5,003.48	7/8	5,145.67	7/8	5,176.84
5	3,747.98	11	3,927.90	5	4,107.80	11	4,287.70	5	4,467.81	11	4,647.51	5	4,827.42	11	5,007.22	5	5,147.23	11	5,177.15
1/8	3,751.73	1/8	3,931.65	1/8	4,111.55	1/8	4,291.37	1/8	4,471.53	1/8	4,651.26	1/8	4,831.17	1/8	5,010.98	1/8	5,149.42	1/8	5,177.46
1/4	3,755.48	1/4	3,935.39	1/4	4,115.29	1/4	4,295.05	1/4	4,475.26	1/4	4,655.01	1/4	4,834.91	1/4	5,014.74	1/4	5,151.61	1/4	5,177.77
3/8	3,759.23	3/8	3,939.14	3/8	4,119.04	3/8	4,298.72	3/8	4,478.98	3/8	4,658.76	3/8	4,838.66	3/8	5,018.50	3/8	5,153.79	3/8	5,178.08
1/2	3,762.98	1/2	3,942.89	1/2	4,122.79	1/2	4,302.39	1/2	4,482.70	1/2	4,662.50	1/2	4,842.41	1/2	5,022.26	1/2	5,155.98	1/2	5,178.39
5/8	3,766.73	5/8	3,946.64	5/8	4,126.54	5/8	4,306.07	5/8	4,486.42	5/8	4,666.25	5/8	4,846.16	5/8	5,026.02	5/8	5,158.17	5/8	5,178.70
3/4	3,770.48	3/4	3,950.38	3/4	4,130.28	3/4	4,309.74	3/4	4,490.15	3/4	4,670.00	3/4	4,849.90	3/4	5,029.78	3/4	5,160.36	3/4	5,179.01
7/8	3,774.23	7/8	3,954.13	7/8	4,134.03	7/8	4,313.42	7/8	4,493.87	7/8	4,673.75	7/8	4,853.65	7/8	5,033.54	7/8	5,162.54	7/8	5,179.32

STRAPPED: 12/14/2006 INS

CALCULATED: 03/12/2021 CL

PRINTED: 03/12/2021 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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# BARGE "KIRBY 29020"

## 2 STBD INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 3/4"

N	0 FT.	N	0 FT.	N	1 FT.	N	1 FT.	N	2 FT.	N	2 FT.	N	3 FT.	N	3 FT.	N	4 FT.	N	4 FT.
0	14.99	6	179.90	0	359.69	6	539.70	0	719.81	6	899.51	0	1,079.42	6	1,259.32	0	1,439.22	6	1,618.13
1/8	17.33	1/8	183.62	1/8	363.45	1/8	543.45	1/8	723.53	1/8	903.13	1/8	1,083.17	1/8	1,262.94	1/8	1,442.97	1/8	1,622.00
1/4	19.68	1/4	187.34	1/4	367.21	1/4	547.20	1/4	727.25	1/4	906.76	1/4	1,086.91	1/4	1,266.56	1/4	1,446.72	1/4	1,625.88
3/8	22.02	3/8	191.07	3/8	370.97	3/8	550.95	3/8	730.98	3/8	910.38	3/8	1,090.66	3/8	1,270.19	3/8	1,450.47	3/8	1,629.75
1/2	24.36	1/2	194.79	1/2	374.73	1/2	554.69	1/2	734.70	1/2	914.00	1/2	1,094.41	1/2	1,273.81	1/2	1,454.21	1/2	1,633.62
5/8	26.70	5/8	198.51	5/8	378.50	5/8	558.44	5/8	738.42	5/8	917.63	5/8	1,098.16	5/8	1,277.43	5/8	1,457.96	5/8	1,637.49
3/4	29.05	3/4	202.23	3/4	382.26	3/4	562.19	3/4	742.14	3/4	921.25	3/4	1,101.90	3/4	1,281.05	3/4	1,461.71	3/4	1,641.37
7/8	31.39	7/8	205.96	7/8	386.02	7/8	565.94	7/8	745.87	7/8	924.88	7/8	1,105.65	7/8	1,284.68	7/8	1,465.46	7/8	1,645.24
1	33.73	7	209.68	1	389.78	7	569.69	1	749.59	7	928.50	1	1,109.40	7	1,288.30	1	1,469.21	7	1,649.11
1/8	37.01	1/8	213.33	1/8	393.53	1/8	573.34	1/8	753.34	1/8	932.25	1/8	1,113.02	1/8	1,292.17	1/8	1,472.96	1/8	1,652.86
1/4	40.29	1/4	216.97	1/4	397.28	1/4	576.98	1/4	757.09	1/4	935.99	1/4	1,116.64	1/4	1,296.05	1/4	1,476.71	1/4	1,656.61
3/8	43.57	3/8	220.62	3/8	401.03	3/8	580.63	3/8	760.84	3/8	939.74	3/8	1,120.27	3/8	1,299.92	3/8	1,480.45	3/8	1,660.36
1/2	46.84	1/2	224.27	1/2	404.77	1/2	584.28	1/2	764.58	1/2	943.49	1/2	1,123.89	1/2	1,303.79	1/2	1,484.20	1/2	1,664.10
5/8	50.12	5/8	227.92	5/8	408.52	5/8	587.93	5/8	768.33	5/8	947.24	5/8	1,127.51	5/8	1,307.67	5/8	1,487.95	5/8	1,667.85
3/4	53.40	3/4	231.56	3/4	412.27	3/4	591.57	3/4	772.08	3/4	950.98	3/4	1,131.13	3/4	1,311.54	3/4	1,491.70	3/4	1,671.60
7/8	56.68	7/8	235.21	7/8	416.02	7/8	595.22	7/8	775.83	7/8	954.73	7/8	1,134.76	7/8	1,315.42	7/8	1,495.44	7/8	1,675.35
2	59.96	8	238.86	2	419.77	8	598.87	2	779.58	8	958.48	2	1,138.38	8	1,319.29	2	1,499.19	8	1,679.10
1/8	63.71	1/8	242.73	1/8	423.52	1/8	602.72	1/8	783.33	1/8	962.23	1/8	1,142.25	1/8	1,323.04	1/8	1,502.94	1/8	1,682.85
1/4	67.45	1/4	246.61	1/4	427.27	1/4	606.57	1/4	787.07	1/4	965.98	1/4	1,146.13	1/4	1,326.79	1/4	1,506.69	1/4	1,686.59
3/8	71.20	3/8	250.48	3/8	431.01	3/8	610.42	3/8	790.82	3/8	969.73	3/8	1,150.00	3/8	1,330.53	3/8	1,510.44	3/8	1,690.34
1/2	74.95	1/2	254.36	1/2	434.76	1/2	614.27	1/2	794.57	1/2	973.48	1/2	1,153.87	1/2	1,334.28	1/2	1,514.18	1/2	1,694.09
5/8	78.70	5/8	258.23	5/8	438.51	5/8	618.13	5/8	798.32	5/8	977.24	5/8	1,157.75	5/8	1,338.03	5/8	1,517.93	5/8	1,697.84
3/4	82.45	3/4	262.11	3/4	442.26	3/4	621.98	3/4	802.06	3/4	980.99	3/4	1,161.62	3/4	1,341.78	3/4	1,521.68	3/4	1,701.58
7/8	86.19	7/8	265.98	7/8	446.00	7/8	625.83	7/8	805.81	7/8	984.74	7/8	1,165.50	7/8	1,345.52	7/8	1,525.43	7/8	1,705.33
3	89.94	9	269.86	3	449.75	9	629.68	3	809.56	9	988.49	3	1,169.37	9	1,349.27	3	1,529.18	9	1,709.08
1/8	93.69	1/8	273.58	1/8	453.50	1/8	633.42	1/8	813.31	1/8	992.36	1/8	1,173.12	1/8	1,352.89	1/8	1,532.80	1/8	1,712.83
1/4	97.44	1/4	277.30	1/4	457.25	1/4	637.17	1/4	817.05	1/4	996.23	1/4	1,176.87	1/4	1,356.52	1/4	1,536.42	1/4	1,716.57
3/8	101.19	3/8	281.02	3/8	461.00	3/8	640.91	3/8	820.80	3/8	1,000.10	3/8	1,180.61	3/8	1,360.14	3/8	1,540.05	3/8	1,720.32
1/2	104.94	1/2	284.74	1/2	464.74	1/2	644.66	1/2	824.55	1/2	1,003.97	1/2	1,184.36	1/2	1,363.76	1/2	1,543.67	1/2	1,724.07
5/8	108.68	5/8	288.47	5/8	468.49	5/8	648.40	5/8	828.30	5/8	1,007.84	5/8	1,188.11	5/8	1,367.39	5/8	1,547.29	5/8	1,727.82
3/4	112.43	3/4	292.19	3/4	472.24	3/4	652.15	3/4	832.04	3/4	1,011.71	3/4	1,191.86	3/4	1,371.01	3/4	1,550.91	3/4	1,731.56
7/8	116.18	7/8	295.91	7/8	475.99	7/8	655.89	7/8	835.79	7/8	1,015.58	7/8	1,195.60	7/8	1,374.64	7/8	1,554.54	7/8	1,735.31
4	119.93	10	299.63	4	479.74	10	659.64	4	839.54	10	1,019.45	4	1,199.35	10	1,378.26	4	1,558.16	10	1,739.06
1/8	123.55	1/8	303.28	1/8	483.49	1/8	663.39	1/8	843.29	1/8	1,023.20	1/8	1,202.97	1/8	1,382.13	1/8	1,562.03	1/8	1,742.81
1/4	127.18	1/4	306.93	1/4	487.23	1/4	667.13	1/4	847.04	1/4	1,026.95	1/4	1,206.60	1/4	1,386.00	1/4	1,565.90	1/4	1,746.56
3/8	130.80	3/8	310.58	3/8	490.98	3/8	670.88	3/8	850.79	3/8	1,030.69	3/8	1,210.22	3/8	1,389.88	3/8	1,569.78	3/8	1,750.31
1/2	134.42	1/2	314.22	1/2	494.73	1/2	674.63	1/2	854.53	1/2	1,034.44	1/2	1,213.84	1/2	1,393.75	1/2	1,573.65	1/2	1,754.06
5/8	138.04	5/8	317.87	5/8	498.48	5/8	678.38	5/8	858.28	5/8	1,038.19	5/8	1,217.47	5/8	1,397.62	5/8	1,577.52	5/8	1,757.81
3/4	141.67	3/4	321.52	3/4	502.22	3/4	682.12	3/4	862.03	3/4	1,041.94	3/4	1,221.09	3/4	1,401.49	3/4	1,581.39	3/4	1,761.56
7/8	145.29	7/8	325.17	7/8	505.97	7/8	685.87	7/8	865.78	7/8	1,045.68	7/8	1,224.72	7/8	1,405.37	7/8	1,585.27	7/8	1,765.31
5	148.91	11	328.82	5	509.72	11	689.62	5	869.53	11	1,049.43	5	1,228.34	11	1,409.24	5	1,589.14	11	1,769.06
1/8	152.78	1/8	332.68	1/8	513.47	1/8	693.39	1/8	873.28	1/8	1,053.18	1/8	1,232.21	1/8	1,412.99	1/8	1,592.76	1/8	1,772.81
1/4	156.66	1/4	336.54	1/4	517.21	1/4	697.17	1/4	877.02	1/4	1,056.93	1/4	1,236.08	1/4	1,416.73	1/4	1,596.39	1/4	1,776.55
3/8	160.53	3/8	340.40	3/8	520.96	3/8	700.94	3/8	880.77	3/8	1,060.68	3/8	1,239.96	3/8	1,420.48	3/8	1,600.01	3/8	1,780.30
1/2	164.40	1/2	344.25	1/2	524.71	1/2	704.71	1/2	884.52	1/2	1,064.42	1/2	1,243.83	1/2	1,424.23	1/2	1,603.63	1/2	1,784.04
5/8	168.28	5/8	348.11	5/8	528.46	5/8	708.49	5/8	888.27	5/8	1,068.17	5/8	1,247.70	5/8	1,427.98	5/8	1,607.26	5/8	1,787.79
3/4	172.15	3/4	351.97	3/4	532.20	3/4	712.26	3/4	892.01	3/4	1,071.92	3/4	1,251.57	3/4	1,431.72	3/4	1,610.88	3/4	1,791.54
7/8	176.03	7/8	355.83	7/8	535.95	7/8	716.04	7/8	895.76	7/8	1,075.67	7/8	1,255.45	7/8	1,435.47	7/8	1,614.51	7/8	1,795.28

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 TOP LIP OF 4" DIAMETER STANDPIPE.

GAUGE POINT: (4" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 36'-10" FORWARD OF AFT BULKHEAD.

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 29020"

## 2 STBD INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 3/4"

N	5 FT.	N	5 FT.	N	6 FT.	N	6 FT.	N	7 FT.	N	7 FT.	N	8 FT.	N	8 FT.	N	9 FT.	N	9 FT.
0	1,799.03	6	1,978.94	0	2,158.84	6	2,338.74	0	2,518.85	6	2,698.55	0	2,878.46	6	3,058.36	0	3,238.36	6	3,419.17
1/8	1,802.78	1/8	1,982.67	1/8	2,162.59	1/8	2,342.49	1/8	2,522.60	1/8	2,702.30	1/8	2,882.21	1/8	3,062.11	1/8	3,242.10	1/8	3,422.79
1/4	1,806.53	1/4	1,986.41	1/4	2,166.33	1/4	2,346.24	1/4	2,526.34	1/4	2,706.05	1/4	2,885.95	1/4	3,065.85	1/4	3,245.83	1/4	3,426.41
3/8	1,810.28	3/8	1,990.14	3/8	2,170.08	3/8	2,349.99	3/8	2,530.09	3/8	2,709.80	3/8	2,889.70	3/8	3,069.60	3/8	3,249.57	3/8	3,430.04
1/2	1,814.02	1/2	1,993.88	1/2	2,173.83	1/2	2,353.73	1/2	2,533.84	1/2	2,713.54	1/2	2,893.45	1/2	3,073.35	1/2	3,253.30	1/2	3,433.66
5/8	1,817.77	5/8	1,997.61	5/8	2,177.58	5/8	2,357.48	5/8	2,537.59	5/8	2,717.29	5/8	2,897.20	5/8	3,077.10	5/8	3,257.04	5/8	3,437.28
3/4	1,821.52	3/4	2,001.35	3/4	2,181.32	3/4	2,361.23	3/4	2,541.33	3/4	2,721.04	3/4	2,900.94	3/4	3,080.84	3/4	3,260.78	3/4	3,440.90
7/8	1,825.27	7/8	2,005.08	7/8	2,185.07	7/8	2,364.98	7/8	2,545.08	7/8	2,724.79	7/8	2,904.69	7/8	3,084.59	7/8	3,264.51	7/8	3,444.53
1	1,829.02	7	2,008.82	1	2,188.82	7	2,368.73	1	2,548.83	7	2,728.54	1	2,908.44	7	3,088.34	1	3,268.25	7	3,448.15
1/8	1,832.77	1/8	2,012.33	1/8	2,192.57	1/8	2,372.48	1/8	2,552.58	1/8	2,732.29	1/8	2,912.19	1/8	3,092.09	1/8	3,272.00	1/8	3,451.90
1/4	1,836.51	1/4	2,015.84	1/4	2,196.32	1/4	2,376.22	1/4	2,556.33	1/4	2,736.03	1/4	2,915.93	1/4	3,095.84	1/4	3,275.74	1/4	3,455.65
3/8	1,840.26	3/8	2,019.35	3/8	2,200.07	3/8	2,379.97	3/8	2,560.08	3/8	2,739.78	3/8	2,919.68	3/8	3,099.59	3/8	3,279.49	3/8	3,459.40
1/2	1,844.01	1/2	2,022.86	1/2	2,203.81	1/2	2,383.72	1/2	2,563.82	1/2	2,743.53	1/2	2,923.43	1/2	3,103.33	1/2	3,283.24	1/2	3,463.14
5/8	1,847.76	5/8	2,026.37	5/8	2,207.56	5/8	2,387.47	5/8	2,567.57	5/8	2,747.28	5/8	2,927.18	5/8	3,107.08	5/8	3,286.99	5/8	3,466.89
3/4	1,851.50	3/4	2,029.88	3/4	2,211.31	3/4	2,391.21	3/4	2,571.32	3/4	2,751.02	3/4	2,930.92	3/4	3,110.83	3/4	3,290.73	3/4	3,470.64
7/8	1,855.25	7/8	2,033.39	7/8	2,215.06	7/8	2,394.96	7/8	2,575.07	7/8	2,754.77	7/8	2,934.67	7/8	3,114.58	7/8	3,294.48	7/8	3,474.39
2	1,859.00	8	2,036.90	2	2,218.81	8	2,398.71	2	2,578.82	8	2,758.52	2	2,938.42	8	3,118.33	2	3,298.23	8	3,478.14
1/8	1,862.75	1/8	2,040.90	1/8	2,222.56	1/8	2,402.46	1/8	2,582.57	1/8	2,762.27	1/8	2,942.17	1/8	3,122.08	1/8	3,301.98	1/8	3,481.89
1/4	1,866.49	1/4	2,044.90	1/4	2,226.30	1/4	2,406.21	1/4	2,586.33	1/4	2,766.01	1/4	2,945.92	1/4	3,125.82	1/4	3,305.73	1/4	3,485.63
3/8	1,870.24	3/8	2,048.90	3/8	2,230.05	3/8	2,409.96	3/8	2,590.08	3/8	2,769.76	3/8	2,949.67	3/8	3,129.57	3/8	3,309.48	3/8	3,489.38
1/2	1,873.99	1/2	2,052.89	1/2	2,233.80	1/2	2,413.70	1/2	2,593.84	1/2	2,773.51	1/2	2,953.41	1/2	3,133.32	1/2	3,313.22	1/2	3,493.13
5/8	1,877.74	5/8	2,056.89	5/8	2,237.55	5/8	2,417.45	5/8	2,597.59	5/8	2,777.26	5/8	2,957.16	5/8	3,137.07	5/8	3,316.97	5/8	3,496.88
3/4	1,881.48	3/4	2,060.89	3/4	2,241.29	3/4	2,421.20	3/4	2,601.35	3/4	2,781.00	3/4	2,960.91	3/4	3,140.81	3/4	3,320.72	3/4	3,500.62
7/8	1,885.23	7/8	2,064.89	7/8	2,245.04	7/8	2,424.95	7/8	2,605.10	7/8	2,784.75	7/8	2,964.66	7/8	3,144.56	7/8	3,324.47	7/8	3,504.37
3	1,888.98	9	2,068.89	3	2,248.79	9	2,428.70	3	2,608.86	9	2,788.50	3	2,968.41	9	3,148.31	3	3,328.22	9	3,508.12
1/8	1,892.73	1/8	2,072.60	1/8	2,252.54	1/8	2,432.45	1/8	2,612.57	1/8	2,792.25	1/8	2,972.16	1/8	3,152.06	1/8	3,331.97	1/8	3,511.87
1/4	1,896.48	1/4	2,076.31	1/4	2,256.29	1/4	2,436.19	1/4	2,616.29	1/4	2,796.00	1/4	2,975.90	1/4	3,155.81	1/4	3,335.71	1/4	3,515.61
3/8	1,900.23	3/8	2,080.02	3/8	2,260.04	3/8	2,439.94	3/8	2,620.00	3/8	2,799.75	3/8	2,979.65	3/8	3,159.56	3/8	3,339.46	3/8	3,519.36
1/2	1,903.97	1/2	2,083.73	1/2	2,263.78	1/2	2,443.69	1/2	2,623.72	1/2	2,803.49	1/2	2,983.39	1/2	3,163.30	1/2	3,343.21	1/2	3,523.11
5/8	1,907.72	5/8	2,087.44	5/8	2,267.53	5/8	2,447.44	5/8	2,627.43	5/8	2,807.24	5/8	2,987.14	5/8	3,167.05	5/8	3,346.96	5/8	3,526.86
3/4	1,911.47	3/4	2,091.15	3/4	2,271.28	3/4	2,451.18	3/4	2,631.15	3/4	2,810.99	3/4	2,990.89	3/4	3,170.80	3/4	3,350.70	3/4	3,530.60
7/8	1,915.22	7/8	2,094.86	7/8	2,275.03	7/8	2,454.93	7/8	2,634.86	7/8	2,814.74	7/8	2,994.63	7/8	3,174.55	7/8	3,354.45	7/8	3,534.35
4	1,918.97	10	2,098.57	4	2,278.78	10	2,458.68	4	2,638.58	10	2,818.49	4	2,998.38	10	3,178.30	4	3,358.20	10	3,538.10
1/8	1,922.72	1/8	2,102.37	1/8	2,282.53	1/8	2,462.45	1/8	2,642.33	1/8	2,822.24	1/8	3,002.13	1/8	3,182.05	1/8	3,362.07	1/8	3,541.84
1/4	1,926.47	1/4	2,106.17	1/4	2,286.28	1/4	2,466.22	1/4	2,646.08	1/4	2,825.98	1/4	3,005.88	1/4	3,185.79	1/4	3,365.94	1/4	3,545.58
3/8	1,930.21	3/8	2,109.97	3/8	2,290.03	3/8	2,470.00	3/8	2,649.83	3/8	2,829.73	3/8	3,009.63	3/8	3,189.54	3/8	3,369.82	3/8	3,549.32
1/2	1,933.96	1/2	2,113.76	1/2	2,293.78	1/2	2,473.77	1/2	2,653.57	1/2	2,833.48	1/2	3,013.38	1/2	3,193.29	1/2	3,373.69	1/2	3,553.05
5/8	1,937.71	5/8	2,117.56	5/8	2,297.53	5/8	2,477.54	5/8	2,657.32	5/8	2,837.23	5/8	3,017.13	5/8	3,197.04	5/8	3,377.56	5/8	3,556.79
3/4	1,941.46	3/4	2,121.36	3/4	2,301.28	3/4	2,481.31	3/4	2,661.07	3/4	2,840.97	3/4	3,020.88	3/4	3,200.78	3/4	3,381.43	3/4	3,560.53
7/8	1,945.20	7/8	2,125.16	7/8	2,305.03	7/8	2,485.09	7/8	2,664.82	7/8	2,844.72	7/8	3,024.63	7/8	3,204.53	7/8	3,385.31	7/8	3,564.27
5	1,948.95	11	2,128.96	5	2,308.78	11	2,488.86	5	2,668.57	11	2,848.47	5	3,028.38	11	3,208.28	5	3,389.18	11	3,568.01
1/8	1,952.70	1/8	2,132.69	1/8	2,312.52	1/8	2,492.61	1/8	2,672.32	1/8	2,852.22	1/8	3,032.13	1/8	3,212.04	1/8	3,392.93	1/8	3,571.88
1/4	1,956.45	1/4	2,136.43	1/4	2,316.27	1/4	2,496.36	1/4	2,676.06	1/4	2,855.97	1/4	3,035.87	1/4	3,215.80	1/4	3,396.68	1/4	3,575.75
3/8	1,960.20	3/8	2,140.16	3/8	2,320.01	3/8	2,500.11	3/8	2,679.81	3/8	2,859.72	3/8	3,039.62	3/8	3,219.56	3/8	3,400.43	3/8	3,579.62
1/2	1,963.94	1/2	2,143.90	1/2	2,323.76	1/2	2,503.85	1/2	2,683.56	1/2	2,863.46	1/2	3,043.37	1/2	3,223.32	1/2	3,404.17	1/2	3,583.49
5/8	1,967.69	5/8	2,147.63	5/8	2,327.50	5/8	2,507.60	5/8	2,687.31	5/8	2,867.21	5/8	3,047.12	5/8	3,227.08	5/8	3,407.92	5/8	3,587.36
3/4	1,971.44	3/4	2,151.37	3/4	2,331.25	3/4	2,511.35	3/4	2,691.05	3/4	2,870.96	3/4	3,050.86	3/4	3,230.84	3/4	3,411.67	3/4	3,591.23
7/8	1,975.19	7/8	2,155.10	7/8	2,334.99	7/8	2,515.10	7/8	2,694.80	7/8	2,874.71	7/8	3,054.61	7/8	3,234.60	7/8	3,415.42	7/8	3,595.10

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# BARGE "KIRBY 29020"

## 2 STBD INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 3/4"

N	10 FT.	N	10 FT.	N	11 FT.	N	11 FT.	N	12 FT.	N	12 FT.	N	13 FT.	N	13 FT.	N	14 FT.	N	14 FT.
0	3,598.97	6	3,777.98	0	3,957.88	6	4,137.78	0	4,317.09	6	4,497.59	0	4,677.50	6	4,857.40	0	5,037.30	6	5,164.73
1/8	3,602.61	1/8	3,781.73	1/8	3,961.63	1/8	4,141.53	1/8	4,320.91	1/8	4,501.34	1/8	4,681.25	1/8	4,861.15	1/8	5,041.05	1/8	5,165.04
1/4	3,606.25	1/4	3,785.47	1/4	3,965.37	1/4	4,145.28	1/4	4,324.74	1/4	4,505.09	1/4	4,684.99	1/4	4,864.89	1/4	5,044.80	1/4	5,165.36
3/8	3,609.89	3/8	3,789.22	3/8	3,969.12	3/8	4,149.03	3/8	4,328.56	3/8	4,508.84	3/8	4,688.74	3/8	4,868.64	3/8	5,048.55	3/8	5,165.67
1/2	3,613.52	1/2	3,792.97	1/2	3,972.87	1/2	4,152.77	1/2	4,332.38	1/2	4,512.58	1/2	4,692.49	1/2	4,872.39	1/2	5,052.29	1/2	5,165.98
5/8	3,617.16	5/8	3,796.72	5/8	3,976.62	5/8	4,156.52	5/8	4,336.20	5/8	4,516.33	5/8	4,696.24	5/8	4,876.14	5/8	5,056.04	5/8	5,166.29
3/4	3,620.80	3/4	3,800.46	3/4	3,980.36	3/4	4,160.27	3/4	4,340.03	3/4	4,520.08	3/4	4,699.98	3/4	4,879.88	3/4	5,059.79	3/4	5,166.61
7/8	3,624.44	7/8	3,804.21	7/8	3,984.11	7/8	4,164.02	7/8	4,343.85	7/8	4,523.83	7/8	4,703.73	7/8	4,883.63	7/8	5,063.54	7/8	5,166.92
1	3,628.08	7	3,807.96	1	3,987.86	7	4,167.77	1	4,347.67	7	4,527.58	1	4,707.48	7	4,887.38	1	5,067.29	7	5,167.23
1/8	3,631.82	1/8	3,811.71	1/8	3,991.58	1/8	4,171.64	1/8	4,351.42	1/8	4,531.33	1/8	4,711.23	1/8	4,891.13	1/8	5,070.73	1/8	5,167.54
1/4	3,635.57	1/4	3,815.45	1/4	3,995.31	1/4	4,175.51	1/4	4,355.17	1/4	4,535.08	1/4	4,714.98	1/4	4,894.88	1/4	5,074.16	1/4	5,167.85
3/8	3,639.31	3/8	3,819.20	3/8	3,999.03	3/8	4,179.39	3/8	4,358.92	3/8	4,538.83	3/8	4,718.73	3/8	4,898.63	3/8	5,077.60	3/8	5,168.16
1/2	3,643.06	1/2	3,822.95	1/2	4,002.75	1/2	4,183.26	1/2	4,362.67	1/2	4,542.58	1/2	4,722.48	1/2	4,902.37	1/2	5,081.03	1/2	5,168.47
5/8	3,646.80	5/8	3,826.70	5/8	4,006.48	5/8	4,187.13	5/8	4,366.43	5/8	4,546.33	5/8	4,726.23	5/8	4,906.12	5/8	5,084.47	5/8	5,168.78
3/4	3,650.55	3/4	3,830.44	3/4	4,010.20	3/4	4,191.00	3/4	4,370.18	3/4	4,550.08	3/4	4,729.98	3/4	4,909.87	3/4	5,087.90	3/4	5,169.09
7/8	3,654.29	7/8	3,834.19	7/8	4,013.93	7/8	4,194.88	7/8	4,373.93	7/8	4,553.83	7/8	4,733.73	7/8	4,913.62	7/8	5,091.34	7/8	5,169.40
2	3,658.04	8	3,837.94	2	4,017.65	8	4,198.75	2	4,377.68	8	4,557.58	2	4,737.48	8	4,917.37	2	5,094.77	8	5,169.71
1/8	3,661.79	1/8	3,841.69	1/8	4,021.42	1/8	4,202.37	1/8	4,381.45	1/8	4,561.32	1/8	4,741.23	1/8	4,921.12	1/8	5,097.58	1/8	5,170.02
1/4	3,665.53	1/4	3,845.44	1/4	4,025.19	1/4	4,206.00	1/4	4,385.22	1/4	4,565.07	1/4	4,744.97	1/4	4,924.87	1/4	5,100.39	1/4	5,170.33
3/8	3,669.28	3/8	3,849.19	3/8	4,028.97	3/8	4,209.62	3/8	4,388.99	3/8	4,568.81	3/8	4,748.72	3/8	4,928.62	3/8	5,103.20	3/8	5,170.64
1/2	3,673.03	1/2	3,852.93	1/2	4,032.74	1/2	4,213.24	1/2	4,392.76	1/2	4,572.56	1/2	4,752.46	1/2	4,932.37	1/2	5,106.01	1/2	5,170.95
5/8	3,676.78	5/8	3,856.68	5/8	4,036.51	5/8	4,216.87	5/8	4,396.53	5/8	4,576.30	5/8	4,756.21	5/8	4,936.11	5/8	5,108.82	5/8	5,171.26
3/4	3,680.52	3/4	3,860.43	3/4	4,040.28	3/4	4,220.49	3/4	4,400.30	3/4	4,580.05	3/4	4,759.96	3/4	4,939.86	3/4	5,111.63	3/4	5,171.57
7/8	3,684.27	7/8	3,864.18	7/8	4,044.06	7/8	4,224.12	7/8	4,404.07	7/8	4,583.79	7/8	4,763.70	7/8	4,943.61	7/8	5,114.44	7/8	5,171.88
3	3,688.02	9	3,867.93	3	4,047.83	9	4,227.74	3	4,407.84	9	4,587.54	3	4,767.45	9	4,947.36	3	5,117.25	9	5,172.19
1/8	3,691.77	1/8	3,871.68	1/8	4,051.58	1/8	4,231.49	1/8	4,411.59	1/8	4,591.29	1/8	4,771.20	1/8	4,951.11	1/8	5,119.44	1/8	5,172.50
1/4	3,695.52	1/4	3,875.42	1/4	4,055.33	1/4	4,235.23	1/4	4,415.33	1/4	4,595.04	1/4	4,774.95	1/4	4,954.86	1/4	5,121.62	1/4	5,172.81
3/8	3,699.27	3/8	3,879.17	3/8	4,059.08	3/8	4,238.98	3/8	4,419.08	3/8	4,598.79	3/8	4,778.69	3/8	4,958.60	3/8	5,123.81	3/8	5,173.12
1/2	3,703.01	1/2	3,882.92	1/2	4,062.82	1/2	4,242.73	1/2	4,422.83	1/2	4,602.53	1/2	4,782.44	1/2	4,962.35	1/2	5,125.99	1/2	5,173.43
5/8	3,706.76	5/8	3,886.67	5/8	4,066.57	5/8	4,246.48	5/8	4,426.58	5/8	4,606.28	5/8	4,786.19	5/8	4,966.10	5/8	5,128.18	5/8	5,173.74
3/4	3,710.51	3/4	3,890.41	3/4	4,070.32	3/4	4,250.22	3/4	4,430.32	3/4	4,610.03	3/4	4,789.94	3/4	4,969.84	3/4	5,130.37	3/4	5,174.05
7/8	3,714.26	7/8	3,894.16	7/8	4,074.07	7/8	4,253.97	7/8	4,434.07	7/8	4,613.78	7/8	4,793.68	7/8	4,973.59	7/8	5,132.55	7/8	5,174.36
4	3,718.01	10	3,897.91	4	4,077.82	10	4,257.72	4	4,437.82	10	4,617.53	4	4,797.43	10	4,977.34	4	5,134.74	10	5,174.67
1/8	3,721.76	1/8	3,901.66	1/8	4,081.57	1/8	4,261.47	1/8	4,441.57	1/8	4,621.28	1/8	4,801.18	1/8	4,981.07	1/8	5,136.30	1/8	5,174.98
1/4	3,725.50	1/4	3,905.41	1/4	4,085.31	1/4	4,265.21	1/4	4,445.32	1/4	4,625.03	1/4	4,804.93	1/4	4,984.81	1/4	5,137.86	1/4	5,175.29
3/8	3,729.25	3/8	3,909.16	3/8	4,089.06	3/8	4,268.96	3/8	4,449.07	3/8	4,628.77	3/8	4,808.68	3/8	4,988.54	3/8	5,139.42	3/8	5,175.60
1/2	3,732.99	1/2	3,912.90	1/2	4,092.81	1/2	4,272.71	1/2	4,452.81	1/2	4,632.52	1/2	4,812.42	1/2	4,992.28	1/2	5,140.98	1/2	5,175.91
5/8	3,736.74	5/8	3,916.65	5/8	4,096.56	5/8	4,276.46	5/8	4,456.56	5/8	4,636.27	5/8	4,816.17	5/8	4,996.01	5/8	5,142.55	5/8	5,176.22
3/4	3,740.49	3/4	3,920.40	3/4	4,100.30	3/4	4,280.20	3/4	4,460.31	3/4	4,640.02	3/4	4,819.92	3/4	4,999.75	3/4	5,144.11	3/4	5,176.53
7/8	3,744.23	7/8	3,924.15	7/8	4,104.05	7/8	4,283.95	7/8	4,464.06	7/8	4,643.76	7/8	4,823.67	7/8	5,003.48	7/8	5,145.67	7/8	5,176.84
5	3,747.98	11	3,927.90	5	4,107.80	11	4,287.70	5	4,467.81	11	4,647.51	5	4,827.42	11	5,007.22	5	5,147.23	11	5,177.15
1/8	3,751.73	1/8	3,931.65	1/8	4,111.55	1/8	4,291.37	1/8	4,471.53	1/8	4,651.26	1/8	4,831.17	1/8	5,010.98	1/8	5,149.42	1/8	5,177.46
1/4	3,755.48	1/4	3,935.39	1/4	4,115.29	1/4	4,295.05	1/4	4,475.26	1/4	4,655.01	1/4	4,834.91	1/4	5,014.74	1/4	5,151.61	1/4	5,177.77
3/8	3,759.23	3/8	3,939.14	3/8	4,119.04	3/8	4,298.72	3/8	4,478.98	3/8	4,658.76	3/8	4,838.66	3/8	5,018.50	3/8	5,153.79	3/8	5,178.08
1/2	3,762.98	1/2	3,942.89	1/2	4,122.79	1/2	4,302.39	1/2	4,482.70	1/2	4,662.50	1/2	4,842.41	1/2	5,022.26	1/2	5,155.98	1/2	5,178.39
5/8	3,766.73	5/8	3,946.64	5/8	4,126.54	5/8	4,306.07	5/8	4,486.42	5/8	4,666.25	5/8	4,846.16	5/8	5,026.02	5/8	5,158.17	5/8	5,178.70
3/4	3,770.48	3/4	3,950.38	3/4	4,130.28	3/4	4,309.74	3/4	4,490.15	3/4	4,670.00	3/4	4,849.90	3/4	5,029.78	3/4	5,160.36	3/4	5,179.01
7/8	3,774.23	7/8	3,954.13	7/8	4,134.03	7/8	4,313.42	7/8	4,493.87	7/8	4,673.75	7/8	4,853.65	7/8	5,033.54	7/8	5,162.54	7/8	5,179.32

STRAPPED: 12/14/2006 INS  
CALCULATED: 03/12/2021 CL  
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# BARGE "KIRBY 29020"

## 3 PORT INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 3/4"

N	0 FT.	N	0 FT.	N	1 FT.	N	1 FT.	N	2 FT.	N	2 FT.	N	3 FT.	N	3 FT.	N	4 FT.	N	4 FT.
0	14.94	6	178.36	0	358.74	6	538.12	0	717.49	6	896.86	0	1,076.24	6	1,255.61	0	1,435.00	6	1,614.37
1/8	17.38	1/8	182.09	1/8	362.47	1/8	541.85	1/8	721.22	1/8	900.60	1/8	1,079.97	1/8	1,259.34	1/8	1,438.73	1/8	1,618.10
1/4	19.81	1/4	185.83	1/4	366.21	1/4	545.59	1/4	724.96	1/4	904.34	1/4	1,083.71	1/4	1,263.08	1/4	1,442.47	1/4	1,621.84
3/8	22.35	3/8	189.69	3/8	369.96	3/8	549.32	3/8	728.70	3/8	908.08	3/8	1,087.45	3/8	1,266.82	3/8	1,446.21	3/8	1,625.58
1/2	24.90	1/2	193.56	1/2	373.71	1/2	553.06	1/2	732.43	1/2	911.81	1/2	1,091.19	1/2	1,270.56	1/2	1,449.94	1/2	1,629.31
5/8	27.44	5/8	197.42	5/8	377.46	5/8	556.79	5/8	736.17	5/8	915.55	5/8	1,094.92	5/8	1,274.29	5/8	1,453.68	5/8	1,633.05
3/4	29.98	3/4	201.28	3/4	381.21	3/4	560.52	3/4	739.91	3/4	919.28	3/4	1,098.66	3/4	1,278.03	3/4	1,457.41	3/4	1,636.79
7/8	32.53	7/8	205.14	7/8	384.96	7/8	564.26	7/8	743.65	7/8	923.02	7/8	1,102.40	7/8	1,281.77	7/8	1,461.15	7/8	1,640.53
1	35.07	7	209.01	1	388.71	7	567.99	1	747.38	7	926.76	1	1,106.14	7	1,285.51	1	1,464.89	7	1,644.26
1/8	37.62	1/8	212.87	1/8	392.46	1/8	571.73	1/8	751.12	1/8	930.49	1/8	1,109.87	1/8	1,289.24	1/8	1,468.62	1/8	1,648.00
1/4	40.16	1/4	216.73	1/4	396.21	1/4	575.46	1/4	754.86	1/4	934.23	1/4	1,113.61	1/4	1,292.98	1/4	1,472.36	1/4	1,651.74
3/8	43.55	3/8	220.46	3/8	399.94	3/8	579.20	3/8	758.60	3/8	937.97	3/8	1,117.35	3/8	1,296.72	3/8	1,476.10	3/8	1,655.48
1/2	46.93	1/2	224.18	1/2	403.68	1/2	582.94	1/2	762.33	1/2	941.71	1/2	1,121.09	1/2	1,300.46	1/2	1,479.84	1/2	1,659.21
5/8	50.32	5/8	227.90	5/8	407.41	5/8	586.68	5/8	766.07	5/8	945.44	5/8	1,124.82	5/8	1,304.19	5/8	1,483.58	5/8	1,662.95
3/4	53.70	3/4	231.63	3/4	411.14	3/4	590.42	3/4	769.80	3/4	949.18	3/4	1,128.56	3/4	1,307.93	3/4	1,487.32	3/4	1,666.68
7/8	57.09	7/8	235.35	7/8	414.88	7/8	594.16	7/8	773.54	7/8	952.92	7/8	1,132.30	7/8	1,311.67	7/8	1,491.06	7/8	1,670.42
2	60.48	8	239.07	2	418.61	8	597.90	2	777.28	8	956.66	2	1,136.04	8	1,315.41	2	1,494.80	8	1,674.16
1/8	63.86	1/8	242.80	1/8	422.35	1/8	601.64	1/8	781.01	1/8	960.39	1/8	1,139.77	1/8	1,319.14	1/8	1,498.54	1/8	1,677.89
1/4	67.25	1/4	246.52	1/4	426.08	1/4	605.38	1/4	784.75	1/4	964.13	1/4	1,143.51	1/4	1,322.88	1/4	1,502.28	1/4	1,681.63
3/8	70.99	3/8	250.27	3/8	429.82	3/8	609.12	3/8	788.49	3/8	967.87	3/8	1,147.26	3/8	1,326.62	3/8	1,506.01	3/8	1,685.37
1/2	74.73	1/2	254.02	1/2	433.55	1/2	612.85	1/2	792.23	1/2	971.60	1/2	1,151.00	1/2	1,330.36	1/2	1,509.75	1/2	1,689.11
5/8	78.46	5/8	257.77	5/8	437.29	5/8	616.59	5/8	795.96	5/8	975.34	5/8	1,154.75	5/8	1,334.09	5/8	1,513.48	5/8	1,692.84
3/4	82.20	3/4	261.52	3/4	441.03	3/4	620.32	3/4	799.70	3/4	979.08	3/4	1,158.49	3/4	1,337.83	3/4	1,517.21	3/4	1,696.58
7/8	85.94	7/8	265.27	7/8	444.77	7/8	624.06	7/8	803.44	7/8	982.82	7/8	1,162.24	7/8	1,341.57	7/8	1,520.95	7/8	1,700.32
3	89.68	9	269.02	3	448.50	9	627.80	3	807.18	9	986.55	3	1,165.99	9	1,345.31	3	1,524.68	9	1,704.06
1/8	93.41	1/8	272.77	1/8	452.24	1/8	631.53	1/8	810.91	1/8	990.29	1/8	1,169.73	1/8	1,349.04	1/8	1,528.42	1/8	1,707.79
1/4	97.15	1/4	276.52	1/4	455.98	1/4	635.27	1/4	814.65	1/4	994.03	1/4	1,173.48	1/4	1,352.78	1/4	1,532.15	1/4	1,711.53
3/8	100.89	3/8	280.26	3/8	459.70	3/8	639.01	3/8	818.39	3/8	997.77	3/8	1,177.21	3/8	1,356.52	3/8	1,535.89	3/8	1,715.27
1/2	104.62	1/2	283.99	1/2	463.43	1/2	642.75	1/2	822.13	1/2	1,001.50	1/2	1,180.93	1/2	1,360.25	1/2	1,539.63	1/2	1,719.01
5/8	108.36	5/8	287.73	5/8	467.15	5/8	646.48	5/8	825.86	5/8	1,005.24	5/8	1,184.66	5/8	1,363.99	5/8	1,543.36	5/8	1,722.74
3/4	112.09	3/4	291.47	3/4	470.88	3/4	650.22	3/4	829.60	3/4	1,008.97	3/4	1,188.39	3/4	1,367.73	3/4	1,547.10	3/4	1,726.48
7/8	115.83	7/8	295.21	7/8	474.60	7/8	653.96	7/8	833.34	7/8	1,012.71	7/8	1,192.12	7/8	1,371.46	7/8	1,550.84	7/8	1,730.22
4	119.57	10	298.94	4	478.33	10	657.70	4	837.08	10	1,016.45	4	1,195.84	10	1,375.20	4	1,554.58	10	1,733.96
1/8	123.30	1/8	302.68	1/8	482.05	1/8	661.43	1/8	840.81	1/8	1,020.18	1/8	1,199.57	1/8	1,378.93	1/8	1,558.31	1/8	1,737.69
1/4	127.04	1/4	306.42	1/4	485.78	1/4	665.17	1/4	844.55	1/4	1,023.92	1/4	1,203.30	1/4	1,382.67	1/4	1,562.05	1/4	1,741.43
3/8	130.65	3/8	310.16	3/8	489.52	3/8	668.91	3/8	848.29	3/8	1,027.66	3/8	1,207.04	3/8	1,386.41	3/8	1,565.79	3/8	1,745.17
1/2	134.26	1/2	313.89	1/2	493.26	1/2	672.65	1/2	852.02	1/2	1,031.39	1/2	1,210.77	1/2	1,390.15	1/2	1,569.53	1/2	1,748.90
5/8	137.88	5/8	317.63	5/8	497.00	5/8	676.38	5/8	855.76	5/8	1,035.13	5/8	1,214.51	5/8	1,393.88	5/8	1,573.26	5/8	1,752.64
3/4	141.49	3/4	321.36	3/4	500.73	3/4	680.12	3/4	859.49	3/4	1,038.87	3/4	1,218.24	3/4	1,397.62	3/4	1,577.00	3/4	1,756.37
7/8	145.10	7/8	325.10	7/8	504.47	7/8	683.86	7/8	863.23	7/8	1,042.61	7/8	1,221.98	7/8	1,401.36	7/8	1,580.74	7/8	1,760.11
5	148.71	11	328.84	5	508.21	11	687.60	5	866.97	11	1,046.34	5	1,225.72	11	1,405.10	5	1,584.48	11	1,763.85
1/8	152.33	1/8	332.57	1/8	511.95	1/8	691.33	1/8	870.70	1/8	1,050.08	1/8	1,229.45	1/8	1,408.83	1/8	1,588.21	1/8	1,767.58
1/4	155.94	1/4	336.31	1/4	515.69	1/4	695.07	1/4	874.44	1/4	1,053.82	1/4	1,233.19	1/4	1,412.57	1/4	1,591.95	1/4	1,771.32
3/8	159.68	3/8	340.05	3/8	519.43	3/8	698.81	3/8	878.18	3/8	1,057.56	3/8	1,236.93	3/8	1,416.31	3/8	1,595.69	3/8	1,775.06
1/2	163.41	1/2	343.79	1/2	523.17	1/2	702.54	1/2	881.91	1/2	1,061.29	1/2	1,240.66	1/2	1,420.05	1/2	1,599.42	1/2	1,778.79
5/8	167.15	5/8	347.52	5/8	526.90	5/8	706.28	5/8	885.65	5/8	1,065.03	5/8	1,244.40	5/8	1,423.78	5/8	1,603.16	5/8	1,782.53
3/4	170.88	3/4	351.26	3/4	530.64	3/4	710.01	3/4	889.39	3/4	1,068.76	3/4	1,248.14	3/4	1,427.52	3/4	1,606.89	3/4	1,786.27
7/8	174.62	7/8	355.00	7/8	534.38	7/8	713.75	7/8	893.13	7/8	1,072.50	7/8	1,251.87	7/8	1,431.26	7/8	1,610.63	7/8	1,790.01

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 TOP LIP OF 4" DIAMETER STANDPIPE.

GAUGE POINT: (4" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" 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 29020"

## 3 PORT INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 3/4"

N	5 FT.	N	5 FT.	N	6 FT.	N	6 FT.	N	7 FT.	N	7 FT.	N	8 FT.	N	8 FT.	N	9 FT.	N	9 FT.
0	1,793.74	6	1,973.13	0	2,152.50	6	2,331.88	0	2,511.25	6	2,690.62	0	2,870.00	6	3,049.37	0	3,228.76	6	3,408.13
1/8	1,797.48	1/8	1,976.85	1/8	2,156.23	1/8	2,335.61	1/8	2,514.98	1/8	2,694.36	1/8	2,873.73	1/8	3,053.10	1/8	3,232.49	1/8	3,411.86
1/4	1,801.22	1/4	1,980.58	1/4	2,159.97	1/4	2,339.35	1/4	2,518.72	1/4	2,698.10	1/4	2,877.47	1/4	3,056.84	1/4	3,236.23	1/4	3,415.60
3/8	1,804.96	3/8	1,984.32	3/8	2,163.71	3/8	2,343.09	3/8	2,522.48	3/8	2,701.84	3/8	2,881.21	3/8	3,060.58	3/8	3,239.97	3/8	3,419.31
1/2	1,808.69	1/2	1,988.05	1/2	2,167.45	1/2	2,346.82	1/2	2,526.24	1/2	2,705.57	1/2	2,884.95	1/2	3,064.32	1/2	3,243.70	1/2	3,423.03
5/8	1,812.43	5/8	1,991.79	5/8	2,171.18	5/8	2,350.56	5/8	2,530.01	5/8	2,709.31	5/8	2,888.68	5/8	3,068.06	5/8	3,247.44	5/8	3,426.74
3/4	1,816.16	3/4	1,995.53	3/4	2,174.92	3/4	2,354.29	3/4	2,533.77	3/4	2,713.04	3/4	2,892.42	3/4	3,071.79	3/4	3,251.17	3/4	3,430.45
7/8	1,819.90	7/8	1,999.27	7/8	2,178.66	7/8	2,358.03	7/8	2,537.53	7/8	2,716.78	7/8	2,896.16	7/8	3,075.53	7/8	3,254.91	7/8	3,434.17
1	1,823.64	7	2,003.00	1	2,182.40	7	2,361.77	1	2,541.29	7	2,720.52	1	2,899.90	7	3,079.27	1	3,258.65	7	3,437.88
1/8	1,827.37	1/8	2,006.74	1/8	2,186.13	1/8	2,365.50	1/8	2,545.06	1/8	2,724.25	1/8	2,903.63	1/8	3,083.01	1/8	3,262.38	1/8	3,441.60
1/4	1,831.11	1/4	2,010.48	1/4	2,189.87	1/4	2,369.24	1/4	2,548.82	1/4	2,727.99	1/4	2,907.37	1/4	3,086.75	1/4	3,266.12	1/4	3,445.31
3/8	1,834.85	3/8	2,014.22	3/8	2,193.61	3/8	2,372.98	3/8	2,552.53	3/8	2,731.73	3/8	2,911.11	3/8	3,090.49	3/8	3,269.86	3/8	3,448.98
1/2	1,838.59	1/2	2,017.96	1/2	2,197.34	1/2	2,376.71	1/2	2,556.24	1/2	2,735.47	1/2	2,914.85	1/2	3,094.22	1/2	3,273.59	1/2	3,452.64
5/8	1,842.32	5/8	2,021.70	5/8	2,201.08	5/8	2,380.45	5/8	2,559.95	5/8	2,739.20	5/8	2,918.58	5/8	3,097.96	5/8	3,277.33	5/8	3,456.31
3/4	1,846.06	3/4	2,025.43	3/4	2,204.81	3/4	2,384.19	3/4	2,563.66	3/4	2,742.94	3/4	2,922.32	3/4	3,101.69	3/4	3,281.07	3/4	3,459.97
7/8	1,849.80	7/8	2,029.17	7/8	2,208.55	7/8	2,387.93	7/8	2,567.38	7/8	2,746.68	7/8	2,926.06	7/8	3,105.43	7/8	3,284.81	7/8	3,463.64
2	1,853.54	8	2,032.91	2	2,212.29	8	2,391.66	2	2,571.09	8	2,750.42	2	2,929.80	8	3,109.17	2	3,288.54	8	3,467.31
1/8	1,857.27	1/8	2,036.65	1/8	2,216.02	1/8	2,395.40	1/8	2,574.80	1/8	2,754.15	1/8	2,933.53	1/8	3,112.90	1/8	3,292.28	1/8	3,470.97
1/4	1,861.01	1/4	2,040.39	1/4	2,219.76	1/4	2,399.14	1/4	2,578.51	1/4	2,757.89	1/4	2,937.27	1/4	3,116.64	1/4	3,296.02	1/4	3,474.64
3/8	1,864.75	3/8	2,044.13	3/8	2,223.53	3/8	2,402.75	3/8	2,582.25	3/8	2,761.63	3/8	2,941.01	3/8	3,120.38	3/8	3,299.76	3/8	3,477.96
1/2	1,868.49	1/2	2,047.86	1/2	2,227.31	1/2	2,406.36	1/2	2,585.99	1/2	2,765.36	1/2	2,944.74	1/2	3,124.11	1/2	3,303.49	1/2	3,481.29
5/8	1,872.22	5/8	2,051.60	5/8	2,231.08	5/8	2,409.97	5/8	2,589.72	5/8	2,769.10	5/8	2,948.48	5/8	3,127.85	5/8	3,307.23	5/8	3,484.61
3/4	1,875.96	3/4	2,055.33	3/4	2,234.86	3/4	2,413.58	3/4	2,593.46	3/4	2,772.83	3/4	2,952.21	3/4	3,131.59	3/4	3,310.96	3/4	3,487.94
7/8	1,879.70	7/8	2,059.07	7/8	2,238.63	7/8	2,417.20	7/8	2,597.20	7/8	2,776.57	7/8	2,955.95	7/8	3,135.33	7/8	3,314.70	7/8	3,491.26
3	1,883.44	9	2,062.81	3	2,242.41	9	2,420.81	3	2,600.94	9	2,780.31	3	2,959.69	9	3,139.06	3	3,318.44	9	3,494.59
1/8	1,887.17	1/8	2,066.54	1/8	2,246.18	1/8	2,424.42	1/8	2,604.67	1/8	2,784.04	1/8	2,963.42	1/8	3,142.80	1/8	3,322.17	1/8	3,497.91
1/4	1,890.91	1/4	2,070.28	1/4	2,249.96	1/4	2,428.03	1/4	2,608.41	1/4	2,787.78	1/4	2,967.16	1/4	3,146.54	1/4	3,325.91	1/4	3,501.24
3/8	1,894.65	3/8	2,074.02	3/8	2,253.66	3/8	2,431.89	3/8	2,612.15	3/8	2,791.52	3/8	2,970.90	3/8	3,150.28	3/8	3,329.65	3/8	3,504.45
1/2	1,898.40	1/2	2,077.75	1/2	2,257.36	1/2	2,435.76	1/2	2,615.89	1/2	2,795.25	1/2	2,974.64	1/2	3,154.01	1/2	3,333.39	1/2	3,507.65
5/8	1,902.14	5/8	2,081.49	5/8	2,261.06	5/8	2,439.62	5/8	2,619.62	5/8	2,798.99	5/8	2,978.38	5/8	3,157.75	5/8	3,337.12	5/8	3,510.86
3/4	1,905.88	3/4	2,085.23	3/4	2,264.75	3/4	2,443.48	3/4	2,623.36	3/4	2,802.73	3/4	2,982.12	3/4	3,161.48	3/4	3,340.86	3/4	3,514.07
7/8	1,909.63	7/8	2,088.97	7/8	2,268.45	7/8	2,447.34	7/8	2,627.10	7/8	2,806.47	7/8	2,985.86	7/8	3,165.22	7/8	3,344.60	7/8	3,517.28
4	1,913.37	10	2,092.70	4	2,272.15	10	2,451.21	4	2,630.84	10	2,810.20	4	2,989.60	10	3,168.96	4	3,348.34	10	3,520.48
1/8	1,917.12	1/8	2,096.44	1/8	2,275.85	1/8	2,455.07	1/8	2,634.57	1/8	2,813.94	1/8	2,993.34	1/8	3,172.69	1/8	3,352.07	1/8	3,523.69
1/4	1,920.86	1/4	2,100.18	1/4	2,279.55	1/4	2,458.93	1/4	2,638.31	1/4	2,817.68	1/4	2,997.08	1/4	3,176.43	1/4	3,355.81	1/4	3,526.90
3/8	1,924.60	3/8	2,103.92	3/8	2,283.29	3/8	2,462.67	3/8	2,642.05	3/8	2,821.42	3/8	3,000.81	3/8	3,180.17	3/8	3,359.55	3/8	3,529.91
1/2	1,928.34	1/2	2,107.65	1/2	2,287.03	1/2	2,466.41	1/2	2,645.78	1/2	2,825.15	1/2	3,004.55	1/2	3,183.91	1/2	3,363.29	1/2	3,532.93
5/8	1,932.08	5/8	2,111.39	5/8	2,290.76	5/8	2,470.14	5/8	2,649.52	5/8	2,828.89	5/8	3,008.28	5/8	3,187.64	5/8	3,367.02	5/8	3,535.94
3/4	1,935.82	3/4	2,115.12	3/4	2,294.50	3/4	2,473.88	3/4	2,653.25	3/4	2,832.63	3/4	3,012.01	3/4	3,191.38	3/4	3,370.76	3/4	3,538.96
7/8	1,939.56	7/8	2,118.86	7/8	2,298.24	7/8	2,477.62	7/8	2,656.99	7/8	2,836.37	7/8	3,015.75	7/8	3,195.12	7/8	3,374.50	7/8	3,541.97
5	1,943.30	11	2,122.60	5	2,301.98	11	2,481.36	5	2,660.73	11	2,840.10	5	3,019.48	11	3,198.86	5	3,378.24	11	3,544.99
1/8	1,947.04	1/8	2,126.33	1/8	2,305.71	1/8	2,485.09	1/8	2,664.46	1/8	2,843.84	1/8	3,023.22	1/8	3,202.59	1/8	3,381.97	1/8	3,548.00
1/4	1,950.78	1/4	2,130.07	1/4	2,309.45	1/4	2,488.83	1/4	2,668.20	1/4	2,847.58	1/4	3,026.95	1/4	3,206.33	1/4	3,385.71	1/4	3,551.02
3/8	1,954.50	3/8	2,133.81	3/8	2,313.19	3/8	2,492.57	3/8	2,671.94	3/8	2,851.32	3/8	3,030.69	3/8	3,210.07	3/8	3,389.45	3/8	3,553.85
1/2	1,958.23	1/2	2,137.55	1/2	2,316.93	1/2	2,496.30	1/2	2,675.67	1/2	2,855.05	1/2	3,034.42	1/2	3,213.81	1/2	3,393.18	1/2	3,556.68
5/8	1,961.95	5/8	2,141.28	5/8	2,320.66	5/8	2,500.04	5/8	2,679.41	5/8	2,858.79	5/8	3,038.16	5/8	3,217.54	5/8	3,396.92	5/8	3,559.52
3/4	1,965.68	3/4	2,145.02	3/4	2,324.40	3/4	2,503.77	3/4	2,683.15	3/4	2,862.52	3/4	3,041.89	3/4	3,221.28	3/4	3,400.65	3/4	3,562.35
7/8	1,969.40	7/8	2,148.76	7/8	2,328.14	7/8	2,507.51	7/8	2,686.89	7/8	2,866.26	7/8	3,045.63	7/8	3,225.02	7/8	3,404.39	7/8	3,565.18

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# BARGE "KIRBY 29020"

## 3 PORT INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-04 3/4"

N	10 FT.	N	10 FT.	N	11 FT.	N	11 FT.	N	12 FT.	N	12 FT.	N	13 FT.	N	13 FT.	N	14 FT.	N	14 FT.
0	3,568.01	6	3,692.93	0	3,816.85	6	3,940.76	0	4,064.66	6	4,188.58	0	4,312.43	6	4,436.41	0	4,560.32	6	4,640.56
1/8	3,570.85	1/8	3,695.52	1/8	3,819.43	1/8	3,943.34	1/8	4,067.24	1/8	4,191.16	1/8	4,315.01	1/8	4,438.99	1/8	4,562.90	1/8	4,641.10
1/4	3,573.68	1/4	3,698.10	1/4	3,822.01	1/4	3,945.92	1/4	4,069.83	1/4	4,193.74	1/4	4,317.58	1/4	4,441.57	1/4	4,565.48	1/4	4,641.64
3/8	3,576.30	3/8	3,700.68	3/8	3,824.59	3/8	3,948.51	3/8	4,072.41	3/8	4,196.32	3/8	4,320.17	3/8	4,444.15	3/8	4,568.39	3/8	4,641.85
1/2	3,578.92	1/2	3,703.26	1/2	3,827.17	1/2	3,951.11	1/2	4,074.99	1/2	4,198.91	1/2	4,322.76	1/2	4,446.73	1/2	4,571.31	1/2	4,642.07
5/8	3,581.54	5/8	3,705.84	5/8	3,829.75	5/8	3,953.70	5/8	4,077.57	5/8	4,201.49	5/8	4,325.35	5/8	4,449.31	5/8	4,574.22	5/8	4,642.28
3/4	3,584.16	3/4	3,708.42	3/4	3,832.34	3/4	3,956.30	3/4	4,080.15	3/4	4,204.07	3/4	4,327.94	3/4	4,451.90	3/4	4,577.13	3/4	4,642.49
7/8	3,586.78	7/8	3,711.01	7/8	3,834.92	7/8	3,958.89	7/8	4,082.74	7/8	4,206.65	7/8	4,330.54	7/8	4,454.48	7/8	4,580.04	7/8	4,642.71
1	3,589.40	7	3,713.59	1	3,837.50	7	3,961.48	1	4,085.32	7	4,209.23	1	4,333.13	7	4,457.06	1	4,582.95	7	4,642.92
1/8	3,592.02	1/8	3,716.17	1/8	3,840.08	1/8	3,964.08	1/8	4,087.90	1/8	4,211.82	1/8	4,335.72	1/8	4,459.64	1/8	4,585.87	1/8	4,643.14
1/4	3,594.64	1/4	3,718.75	1/4	3,842.66	1/4	3,966.67	1/4	4,090.48	1/4	4,214.40	1/4	4,338.31	1/4	4,462.22	1/4	4,588.78	1/4	4,643.36
3/8	3,597.24	3/8	3,721.33	3/8	3,845.24	3/8	3,969.24	3/8	4,093.06	3/8	4,217.04	3/8	4,340.89	3/8	4,464.80	3/8	4,590.65	3/8	4,643.58
1/2	3,599.85	1/2	3,723.91	1/2	3,847.82	1/2	3,971.81	1/2	4,095.64	1/2	4,219.69	1/2	4,343.47	1/2	4,467.38	1/2	4,592.53	1/2	4,643.80
5/8	3,602.45	5/8	3,726.49	5/8	3,850.40	5/8	3,974.38	5/8	4,098.23	5/8	4,222.33	5/8	4,346.05	5/8	4,469.96	5/8	4,594.40	5/8	4,644.02
3/4	3,605.06	3/4	3,729.08	3/4	3,852.99	3/4	3,976.94	3/4	4,100.81	3/4	4,224.97	3/4	4,348.62	3/4	4,472.55	3/4	4,596.28	3/4	4,644.24
7/8	3,607.66	7/8	3,731.66	7/8	3,855.57	7/8	3,979.51	7/8	4,103.39	7/8	4,227.62	7/8	4,351.20	7/8	4,475.13	7/8	4,598.15	7/8	4,644.46
2	3,610.27	8	3,734.24	2	3,858.15	8	3,982.08	2	4,105.97	8	4,230.26	2	4,353.78	8	4,477.71	2	4,600.03	8	4,644.68
1/8	3,612.87	1/8	3,736.82	1/8	3,860.73	1/8	3,984.65	1/8	4,108.56	1/8	4,232.91	1/8	4,356.36	1/8	4,480.29	1/8	4,601.90	1/8	4,644.90
1/4	3,615.48	1/4	3,739.40	1/4	3,863.31	1/4	3,987.22	1/4	4,111.14	1/4	4,235.55	1/4	4,358.94	1/4	4,482.87	1/4	4,603.78	1/4	4,645.12
3/8	3,618.06	3/8	3,741.98	3/8	3,865.89	3/8	3,989.80	3/8	4,113.72	3/8	4,238.07	3/8	4,361.52	3/8	4,485.45	3/8	4,605.32	3/8	4,645.34
1/2	3,620.64	1/2	3,744.56	1/2	3,868.47	1/2	3,992.38	1/2	4,116.30	1/2	4,240.59	1/2	4,364.11	1/2	4,488.03	1/2	4,606.87	1/2	4,645.56
5/8	3,623.23	5/8	3,747.14	5/8	3,871.05	5/8	3,994.97	5/8	4,118.88	5/8	4,243.11	5/8	4,366.69	5/8	4,490.61	5/8	4,608.41	5/8	4,645.78
3/4	3,625.81	3/4	3,749.73	3/4	3,873.64	3/4	3,997.55	3/4	4,121.46	3/4	4,245.62	3/4	4,369.27	3/4	4,493.20	3/4	4,609.96	3/4	4,646.00
7/8	3,628.39	7/8	3,752.31	7/8	3,876.22	7/8	4,000.13	7/8	4,124.05	7/8	4,248.14	7/8	4,371.86	7/8	4,495.78	7/8	4,611.50	7/8	4,646.22
3	3,630.97	9	3,754.89	3	3,878.80	9	4,002.71	3	4,126.63	9	4,250.66	3	4,374.44	9	4,498.36	3	4,613.05	9	4,646.44
1/8	3,633.56	1/8	3,757.47	1/8	3,881.38	1/8	4,005.30	1/8	4,129.21	1/8	4,253.18	1/8	4,377.03	1/8	4,500.94	1/8	4,614.59	1/8	4,646.66
1/4	3,636.14	1/4	3,760.05	1/4	3,883.96	1/4	4,007.88	1/4	4,131.79	1/4	4,255.70	1/4	4,379.61	1/4	4,503.52	1/4	4,616.14	1/4	4,646.88
3/8	3,638.72	3/8	3,762.63	3/8	3,886.54	3/8	4,010.46	3/8	4,134.37	3/8	4,258.28	3/8	4,382.19	3/8	4,506.10	3/8	4,617.85	3/8	4,647.10
1/2	3,641.30	1/2	3,765.21	1/2	3,889.13	1/2	4,013.04	1/2	4,136.95	1/2	4,260.86	1/2	4,384.77	1/2	4,508.69	1/2	4,619.55	1/2	4,647.32
5/8	3,643.88	5/8	3,767.79	5/8	3,891.71	5/8	4,015.62	5/8	4,139.53	5/8	4,263.44	5/8	4,387.35	5/8	4,511.27	5/8	4,621.26	5/8	4,647.54
3/4	3,646.46	3/4	3,770.38	3/4	3,894.29	3/4	4,018.20	3/4	4,142.12	3/4	4,266.02	3/4	4,389.93	3/4	4,513.85	3/4	4,622.97	3/4	4,647.76
7/8	3,649.04	7/8	3,772.96	7/8	3,896.87	7/8	4,020.79	7/8	4,144.70	7/8	4,268.61	7/8	4,392.52	7/8	4,516.43	7/8	4,624.68	7/8	4,647.98
4	3,651.62	10	3,775.54	4	3,899.46	10	4,023.37	4	4,147.28	10	4,271.19	4	4,395.10	10	4,519.01	4	4,626.38	10	4,648.20
1/8	3,654.20	1/8	3,778.12	1/8	3,902.04	1/8	4,025.95	1/8	4,149.86	1/8	4,273.77	1/8	4,397.68	1/8	4,521.60	1/8	4,628.09	1/8	4,648.42
1/4	3,656.78	1/4	3,780.70	1/4	3,904.62	1/4	4,028.53	1/4	4,152.44	1/4	4,276.35	1/4	4,400.26	1/4	4,524.18	1/4	4,629.80	1/4	4,648.64
3/8	3,659.36	3/8	3,783.28	3/8	3,907.20	3/8	4,031.11	3/8	4,155.02	3/8	4,278.93	3/8	4,402.84	3/8	4,526.76	3/8	4,630.74	3/8	4,648.86
1/2	3,661.94	1/2	3,785.87	1/2	3,909.78	1/2	4,033.68	1/2	4,157.60	1/2	4,281.51	1/2	4,405.42	1/2	4,529.34	1/2	4,631.68	1/2	4,649.08
5/8	3,664.53	5/8	3,788.45	5/8	3,912.36	5/8	4,036.26	5/8	4,160.18	5/8	4,284.09	5/8	4,408.01	5/8	4,531.92	5/8	4,632.63	5/8	4,649.30
3/4	3,667.11	3/4	3,791.03	3/4	3,914.94	3/4	4,038.84	3/4	4,162.77	3/4	4,286.68	3/4	4,410.59	3/4	4,534.50	3/4	4,633.57	3/4	4,649.52
7/8	3,669.69	7/8	3,793.61	7/8	3,917.53	7/8	4,041.42	7/8	4,165.35	7/8	4,289.26	7/8	4,413.17	7/8	4,537.09	7/8	4,634.51	7/8	4,649.74
5	3,672.27	11	3,796.20	5	3,920.11	11	4,043.99	5	4,167.93	11	4,291.84	5	4,415.75	11	4,539.67	5	4,635.45	11	4,649.96
1/8	3,674.86	1/8	3,798.78	1/8	3,922.69	1/8	4,046.57	1/8	4,170.51	1/8	4,294.42	1/8	4,418.34	1/8	4,542.25	1/8	4,636.40	1/8	4,650.18
1/4	3,677.44	1/4	3,801.36	1/4	3,925.27	1/4	4,049.15	1/4	4,173.09	1/4	4,297.00	1/4	4,420.92	1/4	4,544.83	1/4	4,637.34	1/4	4,650.40
3/8	3,680.02	3/8	3,803.94	3/8	3,927.85	3/8	4,051.73	3/8	4,175.67	3/8	4,299.57	3/8	4,423.50	3/8	4,547.41	3/8	4,637.88	3/8	4,650.62
1/2	3,682.60	1/2	3,806.52	1/2	3,930.43	1/2	4,054.32	1/2	4,178.25	1/2	4,302.15	1/2	4,426.08	1/2	4,549.99	1/2	4,638.41	1/2	4,650.84
5/8	3,685.19	5/8	3,809.10	5/8	3,933.01	5/8	4,056.90	5/8	4,180.83	5/8	4,304.72	5/8	4,428.66	5/8	4,552.57	5/8	4,638.95	5/8	4,651.06
3/4	3,687.77	3/4	3,811.68	3/4	3,935.60	3/4	4,059.49	3/4	4,183.42	3/4	4,307.29	3/4	4,431.24	3/4	4,555.16	3/4	4,639.49	3/4	4,651.28
7/8	3,690.35	7/8	3,814.27	7/8	3,938.18	7/8	4,062.07	7/8	4,186.00	7/8	4,309.86	7/8	4,433.83	7/8	4,557.74	7/8	4,640.03	7/8	4,651.50

STRAPPED: 12/14/2006 INS  
CALCULATED: 03/12/2021 CL  
PRINTED: 03/12/2021 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "KIRBY 29020"

## 3 STBD INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-05"

N	0 FT.	N	0 FT.	N	1 FT.	N	1 FT.	N	2 FT.	N	2 FT.	N	3 FT.	N	3 FT.	N	4 FT.	N	4 FT.
0	14.94	6	178.36	0	358.74	6	538.12	0	717.49	6	896.86	0	1,076.24	6	1,255.61	0	1,435.00	6	1,614.37
1/8	17.38	1/8	182.09	1/8	362.47	1/8	541.85	1/8	721.22	1/8	900.60	1/8	1,079.97	1/8	1,259.34	1/8	1,438.73	1/8	1,618.10
1/4	19.81	1/4	185.83	1/4	366.21	1/4	545.59	1/4	724.96	1/4	904.34	1/4	1,083.71	1/4	1,263.08	1/4	1,442.47	1/4	1,621.84
3/8	22.35	3/8	189.69	3/8	369.96	3/8	549.32	3/8	728.70	3/8	908.08	3/8	1,087.45	3/8	1,266.82	3/8	1,446.21	3/8	1,625.58
1/2	24.90	1/2	193.56	1/2	373.71	1/2	553.06	1/2	732.43	1/2	911.81	1/2	1,091.19	1/2	1,270.56	1/2	1,449.94	1/2	1,629.31
5/8	27.44	5/8	197.42	5/8	377.46	5/8	556.79	5/8	736.17	5/8	915.55	5/8	1,094.92	5/8	1,274.29	5/8	1,453.68	5/8	1,633.05
3/4	29.98	3/4	201.28	3/4	381.21	3/4	560.52	3/4	739.91	3/4	919.28	3/4	1,098.66	3/4	1,278.03	3/4	1,457.41	3/4	1,636.79
7/8	32.53	7/8	205.14	7/8	384.96	7/8	564.26	7/8	743.65	7/8	923.02	7/8	1,102.40	7/8	1,281.77	7/8	1,461.15	7/8	1,640.53
1	35.07	7	209.01	1	388.71	7	567.99	1	747.38	7	926.76	1	1,106.14	7	1,285.51	1	1,464.89	7	1,644.26
1/8	37.62	1/8	212.87	1/8	392.46	1/8	571.73	1/8	751.12	1/8	930.49	1/8	1,109.87	1/8	1,289.24	1/8	1,468.62	1/8	1,648.00
1/4	40.16	1/4	216.73	1/4	396.21	1/4	575.46	1/4	754.86	1/4	934.23	1/4	1,113.61	1/4	1,292.98	1/4	1,472.36	1/4	1,651.74
3/8	43.55	3/8	220.46	3/8	399.94	3/8	579.20	3/8	758.60	3/8	937.97	3/8	1,117.35	3/8	1,296.72	3/8	1,476.10	3/8	1,655.48
1/2	46.93	1/2	224.18	1/2	403.68	1/2	582.94	1/2	762.33	1/2	941.71	1/2	1,121.09	1/2	1,300.46	1/2	1,479.84	1/2	1,659.21
5/8	50.32	5/8	227.90	5/8	407.41	5/8	586.68	5/8	766.07	5/8	945.44	5/8	1,124.82	5/8	1,304.19	5/8	1,483.58	5/8	1,662.95
3/4	53.70	3/4	231.63	3/4	411.14	3/4	590.42	3/4	769.80	3/4	949.18	3/4	1,128.56	3/4	1,307.93	3/4	1,487.32	3/4	1,666.68
7/8	57.09	7/8	235.35	7/8	414.88	7/8	594.16	7/8	773.54	7/8	952.92	7/8	1,132.30	7/8	1,311.67	7/8	1,491.06	7/8	1,670.42
2	60.48	8	239.07	2	418.61	8	597.90	2	777.28	8	956.66	2	1,136.04	8	1,315.41	2	1,494.80	8	1,674.16
1/8	63.86	1/8	242.80	1/8	422.35	1/8	601.64	1/8	781.01	1/8	960.39	1/8	1,139.77	1/8	1,319.14	1/8	1,498.54	1/8	1,677.89
1/4	67.25	1/4	246.52	1/4	426.08	1/4	605.38	1/4	784.75	1/4	964.13	1/4	1,143.51	1/4	1,322.88	1/4	1,502.28	1/4	1,681.63
3/8	70.99	3/8	250.27	3/8	429.82	3/8	609.12	3/8	788.49	3/8	967.87	3/8	1,147.26	3/8	1,326.62	3/8	1,506.01	3/8	1,685.37
1/2	74.73	1/2	254.02	1/2	433.55	1/2	612.85	1/2	792.23	1/2	971.60	1/2	1,151.00	1/2	1,330.36	1/2	1,509.75	1/2	1,689.11
5/8	78.46	5/8	257.77	5/8	437.29	5/8	616.59	5/8	795.96	5/8	975.34	5/8	1,154.75	5/8	1,334.09	5/8	1,513.48	5/8	1,692.84
3/4	82.20	3/4	261.52	3/4	441.03	3/4	620.32	3/4	799.70	3/4	979.08	3/4	1,158.49	3/4	1,337.83	3/4	1,517.21	3/4	1,696.58
7/8	85.94	7/8	265.27	7/8	444.77	7/8	624.06	7/8	803.44	7/8	982.82	7/8	1,162.24	7/8	1,341.57	7/8	1,520.95	7/8	1,700.32
3	89.68	9	269.02	3	448.50	9	627.80	3	807.18	9	986.55	3	1,165.99	9	1,345.31	3	1,524.68	9	1,704.06
1/8	93.41	1/8	272.77	1/8	452.24	1/8	631.53	1/8	810.91	1/8	990.29	1/8	1,169.73	1/8	1,349.04	1/8	1,528.42	1/8	1,707.79
1/4	97.15	1/4	276.52	1/4	455.98	1/4	635.27	1/4	814.65	1/4	994.03	1/4	1,173.48	1/4	1,352.78	1/4	1,532.15	1/4	1,711.53
3/8	100.89	3/8	280.26	3/8	459.70	3/8	639.01	3/8	818.39	3/8	997.77	3/8	1,177.21	3/8	1,356.52	3/8	1,535.89	3/8	1,715.27
1/2	104.62	1/2	283.99	1/2	463.43	1/2	642.75	1/2	822.13	1/2	1,001.50	1/2	1,180.93	1/2	1,360.25	1/2	1,539.63	1/2	1,719.01
5/8	108.36	5/8	287.73	5/8	467.15	5/8	646.48	5/8	825.86	5/8	1,005.24	5/8	1,184.66	5/8	1,363.99	5/8	1,543.36	5/8	1,722.74
3/4	112.09	3/4	291.47	3/4	470.88	3/4	650.22	3/4	829.60	3/4	1,008.97	3/4	1,188.39	3/4	1,367.73	3/4	1,547.10	3/4	1,726.48
7/8	115.83	7/8	295.21	7/8	474.60	7/8	653.96	7/8	833.34	7/8	1,012.71	7/8	1,192.12	7/8	1,371.46	7/8	1,550.84	7/8	1,730.22
4	119.57	10	298.94	4	478.33	10	657.70	4	837.08	10	1,016.45	4	1,195.84	10	1,375.20	4	1,554.58	10	1,733.96
1/8	123.30	1/8	302.68	1/8	482.05	1/8	661.43	1/8	840.81	1/8	1,020.18	1/8	1,199.57	1/8	1,378.93	1/8	1,558.31	1/8	1,737.69
1/4	127.04	1/4	306.42	1/4	485.78	1/4	665.17	1/4	844.55	1/4	1,023.92	1/4	1,203.30	1/4	1,382.67	1/4	1,562.05	1/4	1,741.43
3/8	130.65	3/8	310.16	3/8	489.52	3/8	668.91	3/8	848.29	3/8	1,027.66	3/8	1,207.04	3/8	1,386.41	3/8	1,565.79	3/8	1,745.17
1/2	134.26	1/2	313.89	1/2	493.26	1/2	672.65	1/2	852.02	1/2	1,031.39	1/2	1,210.77	1/2	1,390.15	1/2	1,569.53	1/2	1,748.90
5/8	137.88	5/8	317.63	5/8	497.00	5/8	676.38	5/8	855.76	5/8	1,035.13	5/8	1,214.51	5/8	1,393.88	5/8	1,573.26	5/8	1,752.64
3/4	141.49	3/4	321.36	3/4	500.73	3/4	680.12	3/4	859.49	3/4	1,038.87	3/4	1,218.24	3/4	1,397.62	3/4	1,577.00	3/4	1,756.37
7/8	145.10	7/8	325.10	7/8	504.47	7/8	683.86	7/8	863.23	7/8	1,042.61	7/8	1,221.98	7/8	1,401.36	7/8	1,580.74	7/8	1,760.11
5	148.71	11	328.84	5	508.21	11	687.60	5	866.97	11	1,046.34	5	1,225.72	11	1,405.10	5	1,584.48	11	1,763.85
1/8	152.33	1/8	332.57	1/8	511.95	1/8	691.33	1/8	870.70	1/8	1,050.08	1/8	1,229.45	1/8	1,408.83	1/8	1,588.21	1/8	1,767.58
1/4	155.94	1/4	336.31	1/4	515.69	1/4	695.07	1/4	874.44	1/4	1,053.82	1/4	1,233.19	1/4	1,412.57	1/4	1,591.95	1/4	1,771.32
3/8	159.68	3/8	340.05	3/8	519.43	3/8	698.81	3/8	878.18	3/8	1,057.56	3/8	1,236.93	3/8	1,416.31	3/8	1,595.69	3/8	1,775.06
1/2	163.41	1/2	343.79	1/2	523.17	1/2	702.54	1/2	881.91	1/2	1,061.29	1/2	1,240.66	1/2	1,420.05	1/2	1,599.42	1/2	1,778.79
5/8	167.15	5/8	347.52	5/8	526.90	5/8	706.28	5/8	885.65	5/8	1,065.03	5/8	1,244.40	5/8	1,423.78	5/8	1,603.16	5/8	1,782.53
3/4	170.88	3/4	351.26	3/4	530.64	3/4	710.01	3/4	889.39	3/4	1,068.76	3/4	1,248.14	3/4	1,427.52	3/4	1,606.89	3/4	1,786.27
7/8	174.62	7/8	355.00	7/8	534.38	7/8	713.75	7/8	893.13	7/8	1,072.50	7/8	1,251.87	7/8	1,431.26	7/8	1,610.63	7/8	1,790.01

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 TOP LIP OF 4" DIAMETER STANDPIPE.

GAUGE POINT: (4" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "KIRBY 29020"

## 3 STBD INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-05"

N	5 FT.	N	5 FT.	N	6 FT.	N	6 FT.	N	7 FT.	N	7 FT.	N	8 FT.	N	8 FT.	N	9 FT.	N	9 FT.
0	1,793.74	6	1,973.13	0	2,152.50	6	2,331.88	0	2,511.25	6	2,690.62	0	2,870.00	6	3,049.37	0	3,228.76	6	3,408.13
1/8	1,797.48	1/8	1,976.85	1/8	2,156.23	1/8	2,335.61	1/8	2,514.98	1/8	2,694.36	1/8	2,873.73	1/8	3,053.10	1/8	3,232.49	1/8	3,411.86
1/4	1,801.22	1/4	1,980.58	1/4	2,159.97	1/4	2,339.35	1/4	2,518.72	1/4	2,698.10	1/4	2,877.47	1/4	3,056.84	1/4	3,236.23	1/4	3,415.60
3/8	1,804.96	3/8	1,984.32	3/8	2,163.71	3/8	2,343.09	3/8	2,522.48	3/8	2,701.84	3/8	2,881.21	3/8	3,060.58	3/8	3,239.97	3/8	3,419.31
1/2	1,808.69	1/2	1,988.05	1/2	2,167.45	1/2	2,346.82	1/2	2,526.24	1/2	2,705.57	1/2	2,884.95	1/2	3,064.32	1/2	3,243.70	1/2	3,423.03
5/8	1,812.43	5/8	1,991.79	5/8	2,171.18	5/8	2,350.56	5/8	2,530.01	5/8	2,709.31	5/8	2,888.68	5/8	3,068.06	5/8	3,247.44	5/8	3,426.74
3/4	1,816.16	3/4	1,995.53	3/4	2,174.92	3/4	2,354.29	3/4	2,533.77	3/4	2,713.04	3/4	2,892.42	3/4	3,071.79	3/4	3,251.17	3/4	3,430.45
7/8	1,819.90	7/8	1,999.27	7/8	2,178.66	7/8	2,358.03	7/8	2,537.53	7/8	2,716.78	7/8	2,896.16	7/8	3,075.53	7/8	3,254.91	7/8	3,434.17
1	1,823.64	7	2,003.00	1	2,182.40	7	2,361.77	1	2,541.29	7	2,720.52	1	2,899.90	7	3,079.27	1	3,258.65	7	3,437.88
1/8	1,827.37	1/8	2,006.74	1/8	2,186.13	1/8	2,365.50	1/8	2,545.06	1/8	2,724.25	1/8	2,903.63	1/8	3,083.01	1/8	3,262.38	1/8	3,441.60
1/4	1,831.11	1/4	2,010.48	1/4	2,189.87	1/4	2,369.24	1/4	2,548.82	1/4	2,727.99	1/4	2,907.37	1/4	3,086.75	1/4	3,266.12	1/4	3,445.31
3/8	1,834.85	3/8	2,014.22	3/8	2,193.61	3/8	2,372.98	3/8	2,552.53	3/8	2,731.73	3/8	2,911.11	3/8	3,090.49	3/8	3,269.86	3/8	3,448.98
1/2	1,838.59	1/2	2,017.96	1/2	2,197.34	1/2	2,376.71	1/2	2,556.24	1/2	2,735.47	1/2	2,914.85	1/2	3,094.22	1/2	3,273.59	1/2	3,452.64
5/8	1,842.32	5/8	2,021.70	5/8	2,201.08	5/8	2,380.45	5/8	2,559.95	5/8	2,739.20	5/8	2,918.58	5/8	3,097.96	5/8	3,277.33	5/8	3,456.31
3/4	1,846.06	3/4	2,025.43	3/4	2,204.81	3/4	2,384.19	3/4	2,563.66	3/4	2,742.94	3/4	2,922.32	3/4	3,101.69	3/4	3,281.07	3/4	3,459.97
7/8	1,849.80	7/8	2,029.17	7/8	2,208.55	7/8	2,387.93	7/8	2,567.38	7/8	2,746.68	7/8	2,926.06	7/8	3,105.43	7/8	3,284.81	7/8	3,463.64
2	1,853.54	8	2,032.91	2	2,212.29	8	2,391.66	2	2,571.09	8	2,750.42	2	2,929.80	8	3,109.17	2	3,288.54	8	3,467.31
1/8	1,857.27	1/8	2,036.65	1/8	2,216.02	1/8	2,395.40	1/8	2,574.80	1/8	2,754.15	1/8	2,933.53	1/8	3,112.90	1/8	3,292.28	1/8	3,470.97
1/4	1,861.01	1/4	2,040.39	1/4	2,219.76	1/4	2,399.14	1/4	2,578.51	1/4	2,757.89	1/4	2,937.27	1/4	3,116.64	1/4	3,296.02	1/4	3,474.64
3/8	1,864.75	3/8	2,044.13	3/8	2,223.53	3/8	2,402.75	3/8	2,582.25	3/8	2,761.63	3/8	2,941.01	3/8	3,120.38	3/8	3,299.76	3/8	3,477.96
1/2	1,868.49	1/2	2,047.86	1/2	2,227.31	1/2	2,406.36	1/2	2,585.99	1/2	2,765.36	1/2	2,944.74	1/2	3,124.11	1/2	3,303.49	1/2	3,481.29
5/8	1,872.22	5/8	2,051.60	5/8	2,231.08	5/8	2,409.97	5/8	2,589.72	5/8	2,769.10	5/8	2,948.48	5/8	3,127.85	5/8	3,307.23	5/8	3,484.61
3/4	1,875.96	3/4	2,055.33	3/4	2,234.86	3/4	2,413.58	3/4	2,593.46	3/4	2,772.83	3/4	2,952.21	3/4	3,131.59	3/4	3,310.96	3/4	3,487.94
7/8	1,879.70	7/8	2,059.07	7/8	2,238.63	7/8	2,417.20	7/8	2,597.20	7/8	2,776.57	7/8	2,955.95	7/8	3,135.33	7/8	3,314.70	7/8	3,491.26
3	1,883.44	9	2,062.81	3	2,242.41	9	2,420.81	3	2,600.94	9	2,780.31	3	2,959.69	9	3,139.06	3	3,318.44	9	3,494.59
1/8	1,887.17	1/8	2,066.54	1/8	2,246.18	1/8	2,424.42	1/8	2,604.67	1/8	2,784.04	1/8	2,963.42	1/8	3,142.80	1/8	3,322.17	1/8	3,497.91
1/4	1,890.91	1/4	2,070.28	1/4	2,249.96	1/4	2,428.03	1/4	2,608.41	1/4	2,787.78	1/4	2,967.16	1/4	3,146.54	1/4	3,325.91	1/4	3,501.24
3/8	1,894.65	3/8	2,074.02	3/8	2,253.66	3/8	2,431.89	3/8	2,612.15	3/8	2,791.52	3/8	2,970.90	3/8	3,150.28	3/8	3,329.65	3/8	3,504.45
1/2	1,898.40	1/2	2,077.75	1/2	2,257.36	1/2	2,435.76	1/2	2,615.89	1/2	2,795.25	1/2	2,974.64	1/2	3,154.01	1/2	3,333.39	1/2	3,507.65
5/8	1,902.14	5/8	2,081.49	5/8	2,261.06	5/8	2,439.62	5/8	2,619.62	5/8	2,798.99	5/8	2,978.38	5/8	3,157.75	5/8	3,337.12	5/8	3,510.86
3/4	1,905.88	3/4	2,085.23	3/4	2,264.75	3/4	2,443.48	3/4	2,623.36	3/4	2,802.73	3/4	2,982.12	3/4	3,161.48	3/4	3,340.86	3/4	3,514.07
7/8	1,909.63	7/8	2,088.97	7/8	2,268.45	7/8	2,447.34	7/8	2,627.10	7/8	2,806.47	7/8	2,985.86	7/8	3,165.22	7/8	3,344.60	7/8	3,517.28
4	1,913.37	10	2,092.70	4	2,272.15	10	2,451.21	4	2,630.84	10	2,810.20	4	2,989.60	10	3,168.96	4	3,348.34	10	3,520.48
1/8	1,917.12	1/8	2,096.44	1/8	2,275.85	1/8	2,455.07	1/8	2,634.57	1/8	2,813.94	1/8	2,993.34	1/8	3,172.69	1/8	3,352.07	1/8	3,523.69
1/4	1,920.86	1/4	2,100.18	1/4	2,279.55	1/4	2,458.93	1/4	2,638.31	1/4	2,817.68	1/4	2,997.08	1/4	3,176.43	1/4	3,355.81	1/4	3,526.90
3/8	1,924.60	3/8	2,103.92	3/8	2,283.29	3/8	2,462.67	3/8	2,642.05	3/8	2,821.42	3/8	3,000.81	3/8	3,180.17	3/8	3,359.55	3/8	3,529.91
1/2	1,928.34	1/2	2,107.65	1/2	2,287.03	1/2	2,466.41	1/2	2,645.78	1/2	2,825.15	1/2	3,004.55	1/2	3,183.91	1/2	3,363.29	1/2	3,532.93
5/8	1,932.08	5/8	2,111.39	5/8	2,290.76	5/8	2,470.14	5/8	2,649.52	5/8	2,828.89	5/8	3,008.28	5/8	3,187.64	5/8	3,367.02	5/8	3,535.94
3/4	1,935.82	3/4	2,115.12	3/4	2,294.50	3/4	2,473.88	3/4	2,653.25	3/4	2,832.63	3/4	3,012.01	3/4	3,191.38	3/4	3,370.76	3/4	3,538.96
7/8	1,939.56	7/8	2,118.86	7/8	2,298.24	7/8	2,477.62	7/8	2,656.99	7/8	2,836.37	7/8	3,015.75	7/8	3,195.12	7/8	3,374.50	7/8	3,541.97
5	1,943.30	11	2,122.60	5	2,301.98	11	2,481.36	5	2,660.73	11	2,840.10	5	3,019.48	11	3,198.86	5	3,378.24	11	3,544.99
1/8	1,947.04	1/8	2,126.33	1/8	2,305.71	1/8	2,485.09	1/8	2,664.46	1/8	2,843.84	1/8	3,023.22	1/8	3,202.59	1/8	3,381.97	1/8	3,548.00
1/4	1,950.78	1/4	2,130.07	1/4	2,309.45	1/4	2,488.83	1/4	2,668.20	1/4	2,847.58	1/4	3,026.95	1/4	3,206.33	1/4	3,385.71	1/4	3,551.02
3/8	1,954.50	3/8	2,133.81	3/8	2,313.19	3/8	2,492.57	3/8	2,671.94	3/8	2,851.32	3/8	3,030.69	3/8	3,210.07	3/8	3,389.45	3/8	3,553.85
1/2	1,958.23	1/2	2,137.55	1/2	2,316.93	1/2	2,496.30	1/2	2,675.67	1/2	2,855.05	1/2	3,034.42	1/2	3,213.81	1/2	3,393.18	1/2	3,556.68
5/8	1,961.95	5/8	2,141.28	5/8	2,320.66	5/8	2,500.04	5/8	2,679.41	5/8	2,858.79	5/8	3,038.16	5/8	3,217.54	5/8	3,396.92	5/8	3,559.52
3/4	1,965.68	3/4	2,145.02	3/4	2,324.40	3/4	2,503.77	3/4	2,683.15	3/4	2,862.52	3/4	3,041.89	3/4	3,221.28	3/4	3,400.65	3/4	3,562.35
7/8	1,969.40	7/8	2,148.76	7/8	2,328.14	7/8	2,507.51	7/8	2,686.89	7/8	2,866.26	7/8	3,045.63	7/8	3,225.02	7/8	3,404.39	7/8	3,565.18

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# BARGE "KIRBY 29020"

## 3 STBD INNAGE TABLE

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

FORMERLY "503"

GAUGE HEIGHT 17'-05"

N	10 FT.	N	10 FT.	N	11 FT.	N	11 FT.	N	12 FT.	N	12 FT.	N	13 FT.	N	13 FT.	N	14 FT.	N	14 FT.
0	3,568.01	6	3,692.93	0	3,816.85	6	3,940.76	0	4,064.66	6	4,188.58	0	4,312.43	6	4,436.41	0	4,560.32	6	4,640.56
1/8	3,570.85	1/8	3,695.52	1/8	3,819.43	1/8	3,943.34	1/8	4,067.24	1/8	4,191.16	1/8	4,315.01	1/8	4,438.99	1/8	4,562.90	1/8	4,641.10
1/4	3,573.68	1/4	3,698.10	1/4	3,822.01	1/4	3,945.92	1/4	4,069.83	1/4	4,193.74	1/4	4,317.58	1/4	4,441.57	1/4	4,565.48	1/4	4,641.64
3/8	3,576.30	3/8	3,700.68	3/8	3,824.59	3/8	3,948.51	3/8	4,072.41	3/8	4,196.32	3/8	4,320.17	3/8	4,444.15	3/8	4,568.39	3/8	4,641.85
1/2	3,578.92	1/2	3,703.26	1/2	3,827.17	1/2	3,951.11	1/2	4,074.99	1/2	4,198.91	1/2	4,322.76	1/2	4,446.73	1/2	4,571.31	1/2	4,642.07
5/8	3,581.54	5/8	3,705.84	5/8	3,829.75	5/8	3,953.70	5/8	4,077.57	5/8	4,201.49	5/8	4,325.35	5/8	4,449.31	5/8	4,574.22	5/8	4,642.28
3/4	3,584.16	3/4	3,708.42	3/4	3,832.34	3/4	3,956.30	3/4	4,080.15	3/4	4,204.07	3/4	4,327.94	3/4	4,451.90	3/4	4,577.13	3/4	4,642.49
7/8	3,586.78	7/8	3,711.01	7/8	3,834.92	7/8	3,958.89	7/8	4,082.74	7/8	4,206.65	7/8	4,330.54	7/8	4,454.48	7/8	4,580.04	7/8	4,642.71
1	3,589.40	7	3,713.59	1	3,837.50	7	3,961.48	1	4,085.32	7	4,209.23	1	4,333.13	7	4,457.06	1	4,582.95	7	4,642.92
1/8	3,592.02	1/8	3,716.17	1/8	3,840.08	1/8	3,964.08	1/8	4,087.90	1/8	4,211.82	1/8	4,335.72	1/8	4,459.64	1/8	4,585.87	1/8	4,643.14
1/4	3,594.64	1/4	3,718.75	1/4	3,842.66	1/4	3,966.67	1/4	4,090.48	1/4	4,214.40	1/4	4,338.31	1/4	4,462.22	1/4	4,588.78	1/4	4,643.36
3/8	3,597.24	3/8	3,721.33	3/8	3,845.24	3/8	3,969.24	3/8	4,093.06	3/8	4,217.04	3/8	4,340.89	3/8	4,464.80	3/8	4,590.65	3/8	4,643.58
1/2	3,599.85	1/2	3,723.91	1/2	3,847.82	1/2	3,971.81	1/2	4,095.64	1/2	4,219.69	1/2	4,343.47	1/2	4,467.38	1/2	4,592.53	1/2	4,643.80
5/8	3,602.45	5/8	3,726.49	5/8	3,850.40	5/8	3,974.38	5/8	4,098.23	5/8	4,222.33	5/8	4,346.05	5/8	4,469.96	5/8	4,594.40	5/8	4,644.02
3/4	3,605.06	3/4	3,729.08	3/4	3,852.99	3/4	3,976.94	3/4	4,100.81	3/4	4,224.97	3/4	4,348.62	3/4	4,472.55	3/4	4,596.28	3/4	4,644.24
7/8	3,607.66	7/8	3,731.66	7/8	3,855.57	7/8	3,979.51	7/8	4,103.39	7/8	4,227.62	7/8	4,351.20	7/8	4,475.13	7/8	4,598.15	7/8	4,644.46
2	3,610.27	8	3,734.24	2	3,858.15	8	3,982.08	2	4,105.97	8	4,230.26	2	4,353.78	8	4,477.71	2	4,600.03	8	4,644.68
1/8	3,612.87	1/8	3,736.82	1/8	3,860.73	1/8	3,984.65	1/8	4,108.56	1/8	4,232.91	1/8	4,356.36	1/8	4,480.29	1/8	4,601.90	1/8	4,644.90
1/4	3,615.48	1/4	3,739.40	1/4	3,863.31	1/4	3,987.22	1/4	4,111.14	1/4	4,235.55	1/4	4,358.94	1/4	4,482.87	1/4	4,603.78	1/4	4,645.12
3/8	3,618.06	3/8	3,741.98	3/8	3,865.89	3/8	3,989.80	3/8	4,113.72	3/8	4,238.07	3/8	4,361.52	3/8	4,485.45	3/8	4,605.32	3/8	4,645.34
1/2	3,620.64	1/2	3,744.56	1/2	3,868.47	1/2	3,992.38	1/2	4,116.30	1/2	4,240.59	1/2	4,364.11	1/2	4,488.03	1/2	4,606.87	1/2	4,645.56
5/8	3,623.23	5/8	3,747.14	5/8	3,871.05	5/8	3,994.97	5/8	4,118.88	5/8	4,243.11	5/8	4,366.69	5/8	4,490.61	5/8	4,608.41	5/8	4,645.78
3/4	3,625.81	3/4	3,749.73	3/4	3,873.64	3/4	3,997.55	3/4	4,121.46	3/4	4,245.62	3/4	4,369.27	3/4	4,493.20	3/4	4,609.96	3/4	4,646.00
7/8	3,628.39	7/8	3,752.31	7/8	3,876.22	7/8	4,000.13	7/8	4,124.05	7/8	4,248.14	7/8	4,371.86	7/8	4,495.78	7/8	4,611.50	7/8	4,646.22
3	3,630.97	9	3,754.89	3	3,878.80	9	4,002.71	3	4,126.63	9	4,250.66	3	4,374.44	9	4,498.36	3	4,613.05	9	4,646.44
1/8	3,633.56	1/8	3,757.47	1/8	3,881.38	1/8	4,005.30	1/8	4,129.21	1/8	4,253.18	1/8	4,377.03	1/8	4,500.94	1/8	4,614.59	1/8	4,646.66
1/4	3,636.14	1/4	3,760.05	1/4	3,883.96	1/4	4,007.88	1/4	4,131.79	1/4	4,255.70	1/4	4,379.61	1/4	4,503.52	1/4	4,616.14	1/4	4,646.88
3/8	3,638.72	3/8	3,762.63	3/8	3,886.54	3/8	4,010.46	3/8	4,134.37	3/8	4,258.28	3/8	4,382.19	3/8	4,506.10	3/8	4,617.85	3/8	4,647.10
1/2	3,641.30	1/2	3,765.21	1/2	3,889.13	1/2	4,013.04	1/2	4,136.95	1/2	4,260.86	1/2	4,384.77	1/2	4,508.69	1/2	4,619.55	1/2	4,647.32
5/8	3,643.88	5/8	3,767.79	5/8	3,891.71	5/8	4,015.62	5/8	4,139.53	5/8	4,263.44	5/8	4,387.35	5/8	4,511.27	5/8	4,621.26	5/8	4,647.54
3/4	3,646.46	3/4	3,770.38	3/4	3,894.29	3/4	4,018.20	3/4	4,142.12	3/4	4,266.02	3/4	4,389.93	3/4	4,513.85	3/4	4,622.97	3/4	4,647.76
7/8	3,649.04	7/8	3,772.96	7/8	3,896.87	7/8	4,020.79	7/8	4,144.70	7/8	4,268.61	7/8	4,392.52	7/8	4,516.43	7/8	4,624.68	7/8	4,647.98
4	3,651.62	10	3,775.54	4	3,899.46	10	4,023.37	4	4,147.28	10	4,271.19	4	4,395.10	10	4,519.01	4	4,626.38	10	4,648.20
1/8	3,654.20	1/8	3,778.12	1/8	3,902.04	1/8	4,025.95	1/8	4,149.86	1/8	4,273.77	1/8	4,397.68	1/8	4,521.60	1/8	4,628.09	1/8	4,648.42
1/4	3,656.78	1/4	3,780.70	1/4	3,904.62	1/4	4,028.53	1/4	4,152.44	1/4	4,276.35	1/4	4,400.26	1/4	4,524.18	1/4	4,629.80	1/4	4,648.64
3/8	3,659.36	3/8	3,783.28	3/8	3,907.20	3/8	4,031.11	3/8	4,155.02	3/8	4,278.93	3/8	4,402.84	3/8	4,526.76	3/8	4,630.74	3/8	4,648.86
1/2	3,661.94	1/2	3,785.87	1/2	3,909.78	1/2	4,033.68	1/2	4,157.60	1/2	4,281.51	1/2	4,405.42	1/2	4,529.34	1/2	4,631.68	1/2	4,649.08
5/8	3,664.53	5/8	3,788.45	5/8	3,912.36	5/8	4,036.26	5/8	4,160.18	5/8	4,284.09	5/8	4,408.01	5/8	4,531.92	5/8	4,632.63	5/8	4,649.30
3/4	3,667.11	3/4	3,791.03	3/4	3,914.94	3/4	4,038.84	3/4	4,162.77	3/4	4,286.68	3/4	4,410.59	3/4	4,534.50	3/4	4,633.57	3/4	4,649.52
7/8	3,669.69	7/8	3,793.61	7/8	3,917.53	7/8	4,041.42	7/8	4,165.35	7/8	4,289.26	7/8	4,413.17	7/8	4,537.09	7/8	4,634.51	7/8	4,649.74
5	3,672.27	11	3,796.20	5	3,920.11	11	4,043.99	5	4,167.93	11	4,291.84	5	4,415.75	11	4,539.67	5	4,635.45	11	4,649.96
1/8	3,674.86	1/8	3,798.78	1/8	3,922.69	1/8	4,046.57	1/8	4,170.51	1/8	4,294.42	1/8	4,418.34	1/8	4,542.25	1/8	4,636.40	1/8	4,650.18
1/4	3,677.44	1/4	3,801.36	1/4	3,925.27	1/4	4,049.15	1/4	4,173.09	1/4	4,297.00	1/4	4,420.92	1/4	4,544.83	1/4	4,637.34	1/4	4,650.40
3/8	3,680.02	3/8	3,803.94	3/8	3,927.85	3/8	4,051.73	3/8	4,175.67	3/8	4,299.57	3/8	4,423.50	3/8	4,547.41	3/8	4,637.88	3/8	4,650.62
1/2	3,682.60	1/2	3,806.52	1/2	3,930.43	1/2	4,054.32	1/2	4,178.25	1/2	4,302.15	1/2	4,426.08	1/2	4,549.99	1/2	4,638.41	1/2	4,650.84
5/8	3,685.19	5/8	3,809.10	5/8	3,933.01	5/8	4,056.90	5/8	4,180.83	5/8	4,304.72	5/8	4,428.66	5/8	4,552.57	5/8	4,638.95	5/8	4,651.06
3/4	3,687.77	3/4	3,811.68	3/4	3,935.60	3/4	4,059.49	3/4	4,183.42	3/4	4,307.29	3/4	4,431.24	3/4	4,555.16	3/4	4,639.49	3/4	4,651.28
7/8	3,690.35	7/8	3,814.27	7/8	3,938.18	7/8	4,062.07	7/8	4,186.00	7/8	4,309.86	7/8	4,433.83	7/8	4,557.74	7/8	4,640.03	7/8	4,651.50

STRAPPED: 12/14/2006 INS  
CALCULATED: 03/12/2021 CL  
PRINTED: 03/12/2021 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021

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 29020"

# FUEL TANK INNAGE TABLE

FORMERLY: "503"

CAPACITIES GIVEN IN WHOLE U.S. 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	99	0	252	0	402	0		0		0		0		0		0	
1/4	0	1/4	102	1/4	255	1/4	405	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	105	1/2	258	1/2	408	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	108	3/4	262	3/4	410	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	110	1	265	1	413	1		1		1		1		1		1	
1/4	4	1/4	113	1/4	268	1/4	416	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	116	1/2	271	1/2	418	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	119	3/4	275	3/4	421	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	123	2	278	2	424	2		2		2		2		2		2	
1/4	9	1/4	126	1/4	281	1/4	426	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	129	1/2	285	1/2	429	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	132	3/4	288	3/4	431	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	135	3	291	3	434	3		3		3		3		3		3	
1/4	15	1/4	138	1/4	294	1/4	436	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	141	1/2	298	1/2	439	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	18	3/4	144	3/4	301	3/4	441	3/4		3/4		3/4		3/4		3/4		3/4	
4	20	4	147	4	304	4	443	4		4		4		4		4		4	
1/4	22	1/4	150	1/4	308	1/4	446	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	154	1/2	311	1/2	448	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	157	3/4	314	3/4	450	3/4		3/4		3/4		3/4		3/4		3/4	
5	28	5	160	5	317	5	452	5		5		5		5		5		5	
1/4	30	1/4	163	1/4	320	1/4	455	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	32	1/2	166	1/2	324	1/2	457	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	34	3/4	170	3/4	327	3/4	459	3/4		3/4		3/4		3/4		3/4		3/4	
6	36	6	173	6	330	6	461	6		6		6		6		6		6	
1/4	39	1/4	176	1/4	333	1/4	463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	179	1/2	336	1/2	465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	43	3/4	182	3/4	339	3/4	467	3/4		3/4		3/4		3/4		3/4		3/4	
7	46	7	186	7	343	7	468	7		7		7		7		7		7	
1/4	48	1/4	189	1/4	346	1/4	470	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	50	1/2	192	1/2	349	1/2	472	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	196	3/4	352	3/4	474	3/4		3/4		3/4		3/4		3/4		3/4	
8	55	8	199	8	355	8	475	8		8		8		8		8		8	
1/4	58	1/4	202	1/4	358	1/4	477	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	60	1/2	205	1/2	361	1/2	478	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	209	3/4	364	3/4	480	3/4		3/4		3/4		3/4		3/4		3/4	
9	66	9	212	9	367	9	481	9		9		9		9		9		9	
1/4	68	1/4	215	1/4	370	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	219	1/2	373	1/2	483	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	222	3/4	376	3/4	484	3/4		3/4		3/4		3/4		3/4		3/4	
10	76	10	225	10	379	10	485	10		10		10		10		10		10	
1/4	79	1/4	228	1/4	382	1/4	486	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	82	1/2	232	1/2	385	1/2	486	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	85	3/4	235	3/4	388	3/4	487	3/4		3/4		3/4		3/4		3/4		3/4	
11	87	11	238	11	391	11		11		11		11		11		11		11	
1/4	90	1/4	242	1/4	394	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	93	1/2	245	1/2	397	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	96	3/4	248	3/4	399	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.

STRAPPED: 03/12/2021 JS  
CALCULATED: 03/12/2021 CL  
ISSUED: 03/12/2021 CL

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