

BARGE "KIRBY 29751"

INNAGE TRIM TABLE

FORMERLY "504"

	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	- 00-0/8	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	- 00-1/8	00-1/8
1 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 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	00-0/8	00-0/8
2 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	00-0/8	00-0/8
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	00-0/8	00-0/8
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	00-0/8	00-0/8
4 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	00-0/8	- 00-0/8
4 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	00-0/8	- 00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 7'-00"
 DIFF. = 5'-00" (DOWN BY STERN)

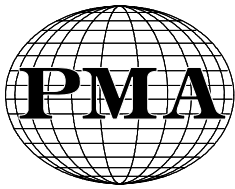
THE CORRECTION FOR 5'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

July 18, 2019

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

<http://www.pmacorp.net>



BARGE "KIRBY 29751"

INNAGE TRIM TABLE

FORMERLY "504"

	7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/8	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
1 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
2 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	00-0/8	00-0/8
2 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	00-0/8	00-0/8
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	00-0/8	00-0/8
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	00-0/8	00-0/8
4 PORT	00-0/8	- 00-0/8	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
4 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 7'-00"
 DIFF. = 5'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 238'-00"

July 18, 2019

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BARGE "KIRBY 29751"

1 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-07 3/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	12.63	6	95.27	0	199.11	6	315.59	0	439.84	6	563.89	0	686.80	6	810.26	0	934.64	6	1,059.03
1/8	13.61	1/8	97.33	1/8	201.43	1/8	318.17	1/8	442.43	1/8	566.45	1/8	689.36	1/8	812.85	1/8	937.24	1/8	1,061.62
1/4	14.59	1/4	99.38	1/4	203.75	1/4	320.74	1/4	445.02	1/4	569.01	1/4	691.92	1/4	815.44	1/4	939.83	1/4	1,064.21
3/8	15.57	3/8	101.43	3/8	206.06	3/8	323.32	3/8	447.61	3/8	571.57	3/8	694.48	3/8	818.04	3/8	942.42	3/8	1,066.80
1/2	16.55	1/2	103.49	1/2	208.38	1/2	325.89	1/2	450.20	1/2	574.13	1/2	697.04	1/2	820.63	1/2	945.01	1/2	1,069.39
5/8	17.53	5/8	105.54	5/8	210.70	5/8	328.47	5/8	452.79	5/8	576.70	5/8	699.60	5/8	823.22	5/8	947.60	5/8	1,071.98
3/4	18.51	3/4	107.60	3/4	213.01	3/4	331.04	3/4	455.39	3/4	579.26	3/4	702.16	3/4	825.81	3/4	950.19	3/4	1,074.57
7/8	19.50	7/8	109.65	7/8	215.33	7/8	333.62	7/8	457.98	7/8	581.82	7/8	704.73	7/8	828.40	7/8	952.78	7/8	1,077.17
1	20.48	7	111.70	1	217.65	7	336.19	1	460.57	7	584.38	1	707.29	7	830.99	1	955.37	7	1,079.76
1/8	22.06	1/8	113.80	1/8	220.01	1/8	338.78	1/8	463.16	1/8	586.94	1/8	709.85	1/8	833.58	1/8	957.97	1/8	1,082.35
1/4	23.65	1/4	115.90	1/4	222.37	1/4	341.37	1/4	465.75	1/4	589.50	1/4	712.41	1/4	836.18	1/4	960.56	1/4	1,084.94
3/8	25.24	3/8	118.00	3/8	224.73	3/8	343.96	3/8	468.34	3/8	592.06	3/8	714.97	3/8	838.77	3/8	963.15	3/8	1,087.53
1/2	26.83	1/2	120.09	1/2	227.09	1/2	346.55	1/2	470.93	1/2	594.62	1/2	717.53	1/2	841.36	1/2	965.74	1/2	1,090.12
5/8	28.41	5/8	122.19	5/8	229.45	5/8	349.15	5/8	473.52	5/8	597.18	5/8	720.09	5/8	843.95	5/8	968.33	5/8	1,092.71
3/4	30.00	3/4	124.29	3/4	231.81	3/4	351.74	3/4	476.11	3/4	599.74	3/4	722.65	3/4	846.54	3/4	970.92	3/4	1,095.31
7/8	31.59	7/8	126.39	7/8	234.17	7/8	354.33	7/8	478.71	7/8	602.30	7/8	725.21	7/8	849.13	7/8	973.51	7/8	1,097.90
2	33.18	8	128.48	2	236.53	8	356.92	2	481.30	8	604.86	2	727.77	8	851.72	2	976.11	8	1,100.49
1/8	35.04	1/8	130.62	1/8	238.94	1/8	359.51	1/8	483.89	1/8	607.42	1/8	730.33	1/8	854.31	1/8	978.70	1/8	1,103.08
1/4	36.91	1/4	132.77	1/4	241.34	1/4	362.10	1/4	486.48	1/4	609.98	1/4	732.89	1/4	856.91	1/4	981.29	1/4	1,105.67
3/8	38.78	3/8	134.91	3/8	243.75	3/8	364.69	3/8	489.07	3/8	612.54	3/8	735.45	3/8	859.50	3/8	983.88	3/8	1,108.26
1/2	40.65	1/2	137.05	1/2	246.15	1/2	367.28	1/2	491.66	1/2	615.10	1/2	738.01	1/2	862.09	1/2	986.47	1/2	1,110.85
5/8	42.52	5/8	139.19	5/8	248.56	5/8	369.88	5/8	494.25	5/8	617.67	5/8	740.57	5/8	864.68	5/8	989.06	5/8	1,113.44
3/4	44.38	3/4	141.33	3/4	250.96	3/4	372.47	3/4	496.84	3/4	620.23	3/4	743.13	3/4	867.27	3/4	991.65	3/4	1,116.04
7/8	46.25	7/8	143.47	7/8	253.37	7/8	375.06	7/8	499.44	7/8	622.79	7/8	745.70	7/8	869.86	7/8	994.24	7/8	1,118.63
3	48.12	9	145.61	3	255.77	9	377.65	3	502.03	9	625.35	3	748.26	9	872.45	3	996.84	9	1,121.22
1/8	50.04	1/8	147.80	1/8	258.22	1/8	380.24	1/8	504.61	1/8	627.91	1/8	750.82	1/8	875.04	1/8	999.43	1/8	1,123.81
1/4	51.96	1/4	149.98	1/4	260.67	1/4	382.83	1/4	507.20	1/4	630.47	1/4	753.39	1/4	877.64	1/4	1,002.02	1/4	1,126.40
3/8	53.88	3/8	152.17	3/8	263.12	3/8	385.42	3/8	509.79	3/8	633.03	3/8	755.96	3/8	880.23	3/8	1,004.61	3/8	1,128.99
1/2	55.80	1/2	154.35	1/2	265.57	1/2	388.01	1/2	512.38	1/2	635.59	1/2	758.53	1/2	882.82	1/2	1,007.20	1/2	1,131.58
5/8	57.71	5/8	156.54	5/8	268.02	5/8	390.61	5/8	514.96	5/8	638.15	5/8	761.10	5/8	885.41	5/8	1,009.79	5/8	1,134.17
3/4	59.63	3/4	158.73	3/4	270.46	3/4	393.20	3/4	517.55	3/4	640.71	3/4	763.66	3/4	888.00	3/4	1,012.38	3/4	1,136.77
7/8	61.55	7/8	160.91	7/8	272.91	7/8	395.79	7/8	520.14	7/8	643.27	7/8	766.23	7/8	890.59	7/8	1,014.97	7/8	1,139.36
4	63.47	10	163.10	4	275.36	10	398.38	4	522.72	10	645.83	4	768.80	10	893.18	4	1,017.57	10	1,141.95
1/8	65.44	1/8	165.32	1/8	277.85	1/8	400.97	1/8	525.30	1/8	648.39	1/8	771.39	1/8	895.77	1/8	1,020.16	1/8	1,144.54
1/4	67.40	1/4	167.55	1/4	280.35	1/4	403.56	1/4	527.87	1/4	650.95	1/4	773.98	1/4	898.37	1/4	1,022.75	1/4	1,147.13
3/8	69.37	3/8	169.78	3/8	282.84	3/8	406.15	3/8	530.45	3/8	653.51	3/8	776.58	3/8	900.96	3/8	1,025.34	3/8	1,149.72
1/2	71.33	1/2	172.01	1/2	285.33	1/2	408.74	1/2	533.02	1/2	656.07	1/2	779.17	1/2	903.55	1/2	1,027.93	1/2	1,152.31
5/8	73.30	5/8	174.24	5/8	287.82	5/8	411.33	5/8	535.60	5/8	658.63	5/8	781.76	5/8	906.14	5/8	1,030.52	5/8	1,154.90
3/4	75.26	3/4	176.47	3/4	290.32	3/4	413.93	3/4	538.17	3/4	661.20	3/4	784.35	3/4	908.73	3/4	1,033.11	3/4	1,157.50
7/8	77.23	7/8	178.70	7/8	292.81	7/8	416.52	7/8	540.75	7/8	663.76	7/8	786.94	7/8	911.32	7/8	1,035.71	7/8	1,160.09
5	79.20	11	180.93	5	295.30	11	419.11	5	543.32	11	666.32	5	789.53	11	913.91	5	1,038.30	11	1,162.68
1/8	81.21	1/8	183.20	1/8	297.84	1/8	421.70	1/8	545.89	1/8	668.88	1/8	792.12	1/8	916.51	1/8	1,040.89	1/8	1,165.27
1/4	83.22	1/4	185.48	1/4	300.37	1/4	424.29	1/4	548.47	1/4	671.44	1/4	794.71	1/4	919.10	1/4	1,043.48	1/4	1,167.86
3/8	85.23	3/8	187.75	3/8	302.91	3/8	426.88	3/8	551.04	3/8	674.00	3/8	797.31	3/8	921.69	3/8	1,046.07	3/8	1,170.45
1/2	87.23	1/2	190.02	1/2	305.45	1/2	429.47	1/2	553.61	1/2	676.56	1/2	799.90	1/2	924.28	1/2	1,048.66	1/2	1,173.04
5/8	89.24	5/8	192.29	5/8	307.98	5/8	432.06	5/8	556.18	5/8	679.12	5/8	802.49	5/8	926.87	5/8	1,051.25	5/8	1,175.64
3/4	91.25	3/4	194.57	3/4	310.52	3/4	434.66	3/4	558.75	3/4	681.68	3/4	805.08	3/4	929.46	3/4	1,053.84	3/4	1,178.23
7/8	93.26	7/8	196.84	7/8	313.06	7/8	437.25	7/8	561.32	7/8	684.24	7/8	807.67	7/8	932.05	7/8	1,056.44	7/8	1,180.82

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE

GAUGE POINT: (2" STANDPIPE) LOCATED 12'-00" OFF CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 29751"

1 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-07 3/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,183.41	6	1,307.79	0	1,432.17	6	1,556.56	0	1,680.94	6	1,805.32	0	1,929.70	6	2,054.09	0	2,178.47	6	2,302.85
1/8	1,186.00	1/8	1,310.38	1/8	1,434.77	1/8	1,559.15	1/8	1,683.53	1/8	1,807.91	1/8	1,932.29	1/8	2,056.68	1/8	2,181.06	1/8	2,305.44
1/4	1,188.59	1/4	1,312.97	1/4	1,437.36	1/4	1,561.74	1/4	1,686.12	1/4	1,810.50	1/4	1,934.89	1/4	2,059.27	1/4	2,183.65	1/4	2,308.03
3/8	1,191.18	3/8	1,315.57	3/8	1,439.95	3/8	1,564.33	3/8	1,688.71	3/8	1,813.10	3/8	1,937.48	3/8	2,061.86	3/8	2,186.24	3/8	2,310.62
1/2	1,193.77	1/2	1,318.16	1/2	1,442.54	1/2	1,566.92	1/2	1,691.30	1/2	1,815.69	1/2	1,940.07	1/2	2,064.45	1/2	2,188.83	1/2	2,313.22
5/8	1,196.37	5/8	1,320.75	5/8	1,445.13	5/8	1,569.51	5/8	1,693.90	5/8	1,818.28	5/8	1,942.66	5/8	2,067.04	5/8	2,191.42	5/8	2,315.81
3/4	1,198.96	3/4	1,323.34	3/4	1,447.72	3/4	1,572.10	3/4	1,696.49	3/4	1,820.87	3/4	1,945.25	3/4	2,069.63	3/4	2,194.02	3/4	2,318.40
7/8	1,201.55	7/8	1,325.93	7/8	1,450.31	7/8	1,574.70	7/8	1,699.08	7/8	1,823.46	7/8	1,947.84	7/8	2,072.23	7/8	2,196.61	7/8	2,320.99
1	1,204.14	7	1,328.52	1	1,452.90	7	1,577.29	1	1,701.67	7	1,826.05	1	1,950.43	7	2,074.82	1	2,199.20	7	2,323.58
1/8	1,206.73	1/8	1,331.11	1/8	1,455.50	1/8	1,579.88	1/8	1,704.26	1/8	1,828.64	1/8	1,953.03	1/8	2,077.41	1/8	2,201.79	1/8	2,326.17
1/4	1,209.32	1/4	1,333.70	1/4	1,458.09	1/4	1,582.47	1/4	1,706.85	1/4	1,831.23	1/4	1,955.62	1/4	2,080.00	1/4	2,204.38	1/4	2,328.76
3/8	1,211.91	3/8	1,336.30	3/8	1,460.68	3/8	1,585.06	3/8	1,709.44	3/8	1,833.83	3/8	1,958.21	3/8	2,082.59	3/8	2,206.97	3/8	2,331.36
1/2	1,214.50	1/2	1,338.89	1/2	1,463.27	1/2	1,587.65	1/2	1,712.03	1/2	1,836.42	1/2	1,960.80	1/2	2,085.18	1/2	2,209.56	1/2	2,333.95
5/8	1,217.10	5/8	1,341.48	5/8	1,465.86	5/8	1,590.24	5/8	1,714.63	5/8	1,839.01	5/8	1,963.39	5/8	2,087.77	5/8	2,212.16	5/8	2,336.54
3/4	1,219.69	3/4	1,344.07	3/4	1,468.45	3/4	1,592.83	3/4	1,717.22	3/4	1,841.60	3/4	1,965.98	3/4	2,090.36	3/4	2,214.75	3/4	2,339.13
7/8	1,222.28	7/8	1,346.66	7/8	1,471.04	7/8	1,595.43	7/8	1,719.81	7/8	1,844.19	7/8	1,968.57	7/8	2,092.96	7/8	2,217.34	7/8	2,341.72
2	1,224.87	8	1,349.25	2	1,473.63	8	1,598.02	2	1,722.40	8	1,846.78	2	1,971.16	8	2,095.55	2	2,219.93	8	2,344.31
1/8	1,227.46	1/8	1,351.84	1/8	1,476.23	1/8	1,600.61	1/8	1,724.99	1/8	1,849.37	1/8	1,973.76	1/8	2,098.14	1/8	2,222.52	1/8	2,346.90
1/4	1,230.05	1/4	1,354.44	1/4	1,478.82	1/4	1,603.20	1/4	1,727.58	1/4	1,851.96	1/4	1,976.35	1/4	2,100.73	1/4	2,225.11	1/4	2,349.49
3/8	1,232.64	3/8	1,357.03	3/8	1,481.41	3/8	1,605.79	3/8	1,730.17	3/8	1,854.56	3/8	1,978.94	3/8	2,103.32	3/8	2,227.70	3/8	2,352.09
1/2	1,235.24	1/2	1,359.62	1/2	1,484.00	1/2	1,608.38	1/2	1,732.76	1/2	1,857.15	1/2	1,981.53	1/2	2,105.91	1/2	2,230.29	1/2	2,354.68
5/8	1,237.83	5/8	1,362.21	5/8	1,486.59	5/8	1,610.97	5/8	1,735.36	5/8	1,859.74	5/8	1,984.12	5/8	2,108.50	5/8	2,232.89	5/8	2,357.27
3/4	1,240.42	3/4	1,364.80	3/4	1,489.18	3/4	1,613.57	3/4	1,737.95	3/4	1,862.33	3/4	1,986.71	3/4	2,111.09	3/4	2,235.48	3/4	2,359.86
7/8	1,243.01	7/8	1,367.39	7/8	1,491.77	7/8	1,616.16	7/8	1,740.54	7/8	1,864.92	7/8	1,989.30	7/8	2,113.69	7/8	2,238.07	7/8	2,362.45
3	1,245.60	9	1,369.98	3	1,494.37	9	1,618.75	3	1,743.13	9	1,867.51	3	1,991.89	9	2,116.28	3	2,240.66	9	2,365.04
1/8	1,248.19	1/8	1,372.57	1/8	1,496.96	1/8	1,621.34	1/8	1,745.72	1/8	1,870.10	1/8	1,994.49	1/8	2,118.87	1/8	2,243.25	1/8	2,367.63
1/4	1,250.78	1/4	1,375.17	1/4	1,499.55	1/4	1,623.93	1/4	1,748.31	1/4	1,872.70	1/4	1,997.08	1/4	2,121.46	1/4	2,245.84	1/4	2,370.22
3/8	1,253.37	3/8	1,377.76	3/8	1,502.14	3/8	1,626.52	3/8	1,750.90	3/8	1,875.29	3/8	1,999.67	3/8	2,124.05	3/8	2,248.43	3/8	2,372.82
1/2	1,255.97	1/2	1,380.35	1/2	1,504.73	1/2	1,629.11	1/2	1,753.50	1/2	1,877.88	1/2	2,002.26	1/2	2,126.64	1/2	2,251.02	1/2	2,375.41
5/8	1,258.56	5/8	1,382.94	5/8	1,507.32	5/8	1,631.70	5/8	1,756.09	5/8	1,880.47	5/8	2,004.85	5/8	2,129.23	5/8	2,253.62	5/8	2,378.00
3/4	1,261.15	3/4	1,385.53	3/4	1,509.91	3/4	1,634.30	3/4	1,758.68	3/4	1,883.06	3/4	2,007.44	3/4	2,131.83	3/4	2,256.21	3/4	2,380.59
7/8	1,263.74	7/8	1,388.12	7/8	1,512.50	7/8	1,636.89	7/8	1,761.27	7/8	1,885.65	7/8	2,010.03	7/8	2,134.42	7/8	2,258.80	7/8	2,383.18
4	1,266.33	10	1,390.71	4	1,515.10	10	1,639.88	4	1,763.86	10	1,888.24	4	2,012.63	10	2,137.01	4	2,261.39	10	2,385.77
1/8	1,268.92	1/8	1,393.30	1/8	1,517.69	1/8	1,642.07	1/8	1,766.45	1/8	1,890.83	1/8	2,015.22	1/8	2,139.60	1/8	2,263.98	1/8	2,388.36
1/4	1,271.51	1/4	1,395.90	1/4	1,520.28	1/4	1,644.66	1/4	1,769.04	1/4	1,893.43	1/4	2,017.81	1/4	2,142.19	1/4	2,266.57	1/4	2,390.96
3/8	1,274.10	3/8	1,398.49	3/8	1,522.87	3/8	1,647.25	3/8	1,771.63	3/8	1,896.02	3/8	2,020.40	3/8	2,144.78	3/8	2,269.16	3/8	2,393.55
1/2	1,276.70	1/2	1,401.08	1/2	1,525.46	1/2	1,649.84	1/2	1,774.23	1/2	1,898.61	1/2	2,022.99	1/2	2,147.37	1/2	2,271.76	1/2	2,396.14
5/8	1,279.29	5/8	1,403.67	5/8	1,528.05	5/8	1,652.43	5/8	1,776.82	5/8	1,901.20	5/8	2,025.58	5/8	2,149.96	5/8	2,274.35	5/8	2,398.73
3/4	1,281.88	3/4	1,406.26	3/4	1,530.64	3/4	1,655.03	3/4	1,779.41	3/4	1,903.79	3/4	2,028.17	3/4	2,152.56	3/4	2,276.94	3/4	2,401.32
7/8	1,284.47	7/8	1,408.85	7/8	1,533.23	7/8	1,657.62	7/8	1,782.00	7/8	1,906.38	7/8	2,030.76	7/8	2,155.15	7/8	2,279.53	7/8	2,403.91
5	1,287.06	11	1,411.44	5	1,535.83	11	1,660.21	5	1,784.59	11	1,908.97	5	2,033.36	11	2,157.74	5	2,282.12	11	2,406.50
1/8	1,289.65	1/8	1,414.03	1/8	1,538.42	1/8	1,662.80	1/8	1,787.18	1/8	1,911.56	1/8	2,035.95	1/8	2,160.33	1/8	2,284.71	1/8	2,409.09
1/4	1,292.24	1/4	1,416.63	1/4	1,541.01	1/4	1,665.39	1/4	1,789.77	1/4	1,914.16	1/4	2,038.54	1/4	2,162.92	1/4	2,287.30	1/4	2,411.69
3/8	1,294.84	3/8	1,419.22	3/8	1,543.60	3/8	1,667.98	3/8	1,792.36	3/8	1,916.75	3/8	2,041.13	3/8	2,165.51	3/8	2,289.89	3/8	2,414.28
1/2	1,297.43	1/2	1,421.81	1/2	1,546.19	1/2	1,670.57	1/2	1,794.96	1/2	1,919.34	1/2	2,043.72	1/2	2,168.10	1/2	2,292.49	1/2	2,416.87
5/8	1,300.02	5/8	1,424.40	5/8	1,548.78	5/8	1,673.16	5/8	1,797.55	5/8	1,921.93	5/8	2,046.31	5/8	2,170.69	5/8	2,295.08	5/8	2,419.46
3/4	1,302.61	3/4	1,426.99	3/4	1,551.37	3/4	1,675.76	3/4	1,800.14	3/4	1,924.52	3/4	2,048.90	3/4	2,173.29	3/4	2,297.67	3/4	2,422.05
7/8	1,305.20	7/8	1,429.58	7/8	1,553.97	7/8	1,678.35	7/8	1,802.73	7/8	1,927.11	7/8	2,051.49	7/8	2,175.88	7/8	2,300.26	7/8	2,424.64

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PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 29751"

1 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,427.23	6	2,551.62	0	2,676.00	6	2,800.33	0	2,924.69	6	3,049.05	0	3,173.41	6	3,297.78	0	3,421.01	6	
1/8	2,429.82	1/8	2,554.21	1/8	2,678.59	1/8	2,802.92	1/8	2,927.28	1/8	3,051.64	1/8	3,176.01	1/8	3,300.36	1/8	3,423.51	1/8	
1/4	2,432.42	1/4	2,556.80	1/4	2,681.18	1/4	2,805.51	1/4	2,929.87	1/4	3,054.23	1/4	3,178.60	1/4	3,302.95	1/4	3,426.02	1/4	
3/8	2,435.01	3/8	2,559.39	3/8	2,683.77	3/8	2,808.10	3/8	2,932.46	3/8	3,056.82	3/8	3,181.19	3/8	3,305.53	3/8	3,428.52	3/8	
1/2	2,437.60	1/2	2,561.98	1/2	2,686.36	1/2	2,810.69	1/2	2,935.05	1/2	3,059.42	1/2	3,183.78	1/2	3,308.11	1/2	3,431.02	1/2	
5/8	2,440.19	5/8	2,564.57	5/8	2,688.95	5/8	2,813.28	5/8	2,937.64	5/8	3,062.01	5/8	3,186.37	5/8	3,310.70	5/8	3,433.52	5/8	
3/4	2,442.78	3/4	2,567.16	3/4	2,691.55	3/4	2,815.87	3/4	2,940.23	3/4	3,064.60	3/4	3,188.96	3/4	3,313.28	3/4	3,436.02	3/4	
7/8	2,445.37	7/8	2,569.75	7/8	2,694.14	7/8	2,818.46	7/8	2,942.82	7/8	3,067.19	7/8	3,191.55	7/8	3,315.86	7/8	3,438.53	7/8	
1	2,447.96	7	2,572.35	1	2,696.73	7	2,821.05	1	2,945.42	7	3,069.78	1	3,194.14	7	3,318.45	1	3,441.03	7	
1/8	2,450.55	1/8	2,574.94	1/8	2,699.32	1/8	2,823.64	1/8	2,948.01	1/8	3,072.37	1/8	3,196.73	1/8	3,321.01	1/8	3,443.27	1/8	
1/4	2,453.15	1/4	2,577.53	1/4	2,701.91	1/4	2,826.23	1/4	2,950.60	1/4	3,074.96	1/4	3,199.32	1/4	3,323.58	1/4	3,445.51	1/4	
3/8	2,455.74	3/8	2,580.12	3/8	2,704.50	3/8	2,828.83	3/8	2,953.19	3/8	3,077.55	3/8	3,201.91	3/8	3,326.14	3/8	3,447.75	3/8	
1/2	2,458.33	1/2	2,582.71	1/2	2,707.09	1/2	2,831.42	1/2	2,955.78	1/2	3,080.14	1/2	3,204.51	1/2	3,328.71	1/2	3,449.99	1/2	
5/8	2,460.92	5/8	2,585.30	5/8	2,709.68	5/8	2,834.01	5/8	2,958.37	5/8	3,082.73	5/8	3,207.10	5/8	3,331.27	5/8	3,452.23	5/8	
3/4	2,463.51	3/4	2,587.89	3/4	2,712.28	3/4	2,836.60	3/4	2,960.96	3/4	3,085.32	3/4	3,209.69	3/4	3,333.84	3/4	3,454.47	3/4	
7/8	2,466.10	7/8	2,590.49	7/8	2,714.87	7/8	2,839.19	7/8	2,963.55	7/8	3,087.92	7/8	3,212.28	7/8	3,336.40	7/8	3,456.71	7/8	
2	2,468.69	8	2,593.08	2	2,717.46	8	2,841.78	2	2,966.14	8	3,090.51	2	3,214.87	8	3,338.97	2	3,458.96	8	
1/8	2,471.29	1/8	2,595.67	1/8	2,720.05	1/8	2,844.37	1/8	2,968.73	1/8	3,093.10	1/8	3,217.46	1/8	3,341.53	1/8	3,460.77	1/8	
1/4	2,473.88	1/4	2,598.26	1/4	2,722.64	1/4	2,846.96	1/4	2,971.32	1/4	3,095.69	1/4	3,220.05	1/4	3,344.10	1/4	3,462.57	1/4	
3/8	2,476.47	3/8	2,600.85	3/8	2,725.23	3/8	2,849.55	3/8	2,973.92	3/8	3,098.28	3/8	3,222.64	3/8	3,346.67	3/8	3,464.38	3/8	
1/2	2,479.06	1/2	2,603.44	1/2	2,727.82	1/2	2,852.14	1/2	2,976.51	1/2	3,100.87	1/2	3,225.23	1/2	3,349.23	1/2	3,466.19	1/2	
5/8	2,481.65	5/8	2,606.03	5/8	2,730.42	5/8	2,854.73	5/8	2,979.10	5/8	3,103.46	5/8	3,227.82	5/8	3,351.80	5/8	3,468.00	5/8	
3/4	2,484.24	3/4	2,608.62	3/4	2,733.01	3/4	2,857.33	3/4	2,981.69	3/4	3,106.05	3/4	3,230.41	3/4	3,354.36	3/4	3,469.81	3/4	
7/8	2,486.83	7/8	2,611.22	7/8	2,735.60	7/8	2,859.92	7/8	2,984.28	7/8	3,108.64	7/8	3,233.01	7/8	3,356.93	7/8	3,471.62	7/8	
3	2,489.42	9	2,613.81	3	2,738.19	9	2,862.51	3	2,986.87	9	3,111.23	3	3,235.60	9	3,359.49	3	3,473.43	9	
1/8	2,492.02	1/8	2,616.40	1/8	2,740.77	1/8	2,865.10	1/8	2,989.46	1/8	3,113.82	1/8	3,238.19	1/8	3,362.06	1/8		1/8	
1/4	2,494.61	1/4	2,618.99	1/4	2,743.36	1/4	2,867.69	1/4	2,992.05	1/4	3,116.42	1/4	3,240.78	1/4	3,364.62	1/4		1/4	
3/8	2,497.20	3/8	2,621.58	3/8	2,745.94	3/8	2,870.28	3/8	2,994.64	3/8	3,119.01	3/8	3,243.37	3/8	3,367.19	3/8		3/8	
1/2	2,499.79	1/2	2,624.17	1/2	2,748.53	1/2	2,872.87	1/2	2,997.23	1/2	3,121.60	1/2	3,245.96	1/2	3,369.75	1/2		1/2	
5/8	2,502.38	5/8	2,626.76	5/8	2,751.12	5/8	2,875.46	5/8	2,999.82	5/8	3,124.19	5/8	3,248.55	5/8	3,372.32	5/8		5/8	
3/4	2,504.97	3/4	2,629.35	3/4	2,753.70	3/4	2,878.05	3/4	3,002.42	3/4	3,126.78	3/4	3,251.14	3/4	3,374.88	3/4		3/4	
7/8	2,507.56	7/8	2,631.95	7/8	2,756.29	7/8	2,880.64	7/8	3,005.01	7/8	3,129.37	7/8	3,253.73	7/8	3,377.45	7/8		7/8	
4	2,510.15	10	2,634.54	4	2,758.87	10	2,883.23	4	3,007.60	10	3,131.96	4	3,256.32	10	3,380.02	4		10	
1/8	2,512.75	1/8	2,637.13	1/8	2,761.46	1/8	2,885.82	1/8	3,010.19	1/8	3,134.55	1/8	3,258.91	1/8	3,382.58	1/8		1/8	
1/4	2,515.34	1/4	2,639.72	1/4	2,764.05	1/4	2,888.42	1/4	3,012.78	1/4	3,137.14	1/4	3,261.51	1/4	3,385.15	1/4		1/4	
3/8	2,517.93	3/8	2,642.31	3/8	2,766.64	3/8	2,891.01	3/8	3,015.37	3/8	3,139.73	3/8	3,264.10	3/8	3,387.71	3/8		3/8	
1/2	2,520.52	1/2	2,644.90	1/2	2,769.23	1/2	2,893.60	1/2	3,017.96	1/2	3,142.32	1/2	3,266.69	1/2	3,390.28	1/2		1/2	
5/8	2,523.11	5/8	2,647.49	5/8	2,771.83	5/8	2,896.19	5/8	3,020.55	5/8	3,144.91	5/8	3,269.28	5/8	3,392.84	5/8		5/8	
3/4	2,525.70	3/4	2,650.09	3/4	2,774.42	3/4	2,898.78	3/4	3,023.14	3/4	3,147.51	3/4	3,271.87	3/4	3,395.41	3/4		3/4	
7/8	2,528.29	7/8	2,652.68	7/8	2,777.01	7/8	2,901.37	7/8	3,025.73	7/8	3,150.10	7/8	3,274.46	7/8	3,397.97	7/8		7/8	
5	2,530.89	11	2,655.27	5	2,779.60	11	2,903.96	5	3,028.32	11	3,152.69	5	3,277.05	11	3,400.53	5		11	
1/8	2,533.48	1/8	2,657.86	1/8	2,782.19	1/8	2,906.55	1/8	3,030.92	1/8	3,155.28	1/8	3,279.64	1/8	3,403.09	1/8		1/8	
1/4	2,536.07	1/4	2,660.45	1/4	2,784.78	1/4	2,909.14	1/4	3,033.51	1/4	3,157.87	1/4	3,282.23	1/4	3,405.65	1/4		1/4	
3/8	2,538.66	3/8	2,663.04	3/8	2,787.37	3/8	2,911.73	3/8	3,036.10	3/8	3,160.46	3/8	3,284.82	3/8	3,408.21	3/8		3/8	
1/2	2,541.25	1/2	2,665.63	1/2	2,789.96	1/2	2,914.32	1/2	3,038.69	1/2	3,163.05	1/2	3,287.41	1/2	3,410.77	1/2		1/2	
5/8	2,543.84	5/8	2,668.22	5/8	2,792.55	5/8	2,916.92	5/8	3,041.28	5/8	3,165.64	5/8	3,290.01	5/8	3,413.33	5/8		5/8	
3/4	2,546.43	3/4	2,670.82	3/4	2,795.14	3/4	2,919.51	3/4	3,043.87	3/4	3,168.23	3/4	3,292.60	3/4	3,415.89	3/4		3/4	
7/8	2,549.02	7/8	2,673.41	7/8	2,797.73	7/8	2,922.10	7/8	3,046.46	7/8	3,170.82	7/8	3,295.19	7/8	3,418.45	7/8		7/8	

STRAPPED: 07/08/2019 CL
CALCULATED: 07/08/2019 CL
REPRINTED: 07/18/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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PRECISION MEASUREMENT

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BARGE "KIRBY 29751"

1 STBD

INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-08 3/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	12.62	6	95.18	0	198.94	6	315.33	0	439.49	6	563.45	0	686.28	6	809.65	0	933.94	6	1,058.23
1/8	13.60	1/8	97.23	1/8	201.25	1/8	317.90	1/8	442.08	1/8	566.01	1/8	688.83	1/8	812.24	1/8	936.53	1/8	1,060.82
1/4	14.58	1/4	99.29	1/4	203.57	1/4	320.47	1/4	444.67	1/4	568.57	1/4	691.39	1/4	814.83	1/4	939.12	1/4	1,063.41
3/8	15.56	3/8	101.34	3/8	205.88	3/8	323.05	3/8	447.26	3/8	571.13	3/8	693.95	3/8	817.42	3/8	941.71	3/8	1,066.00
1/2	16.54	1/2	103.39	1/2	208.20	1/2	325.62	1/2	449.84	1/2	573.69	1/2	696.51	1/2	820.01	1/2	944.30	1/2	1,068.59
5/8	17.52	5/8	105.44	5/8	210.51	5/8	328.19	5/8	452.43	5/8	576.25	5/8	699.07	5/8	822.60	5/8	946.89	5/8	1,071.18
3/4	18.50	3/4	107.49	3/4	212.83	3/4	330.76	3/4	455.02	3/4	578.81	3/4	701.63	3/4	825.18	3/4	949.48	3/4	1,073.77
7/8	19.48	7/8	109.55	7/8	215.14	7/8	333.34	7/8	457.61	7/8	581.36	7/8	704.19	7/8	827.77	7/8	952.07	7/8	1,076.36
1	20.46	7	111.60	1	217.46	7	335.91	1	460.20	7	583.92	1	706.75	7	830.36	1	954.65	7	1,078.95
1/8	22.04	1/8	113.69	1/8	219.82	1/8	338.50	1/8	462.79	1/8	586.48	1/8	709.30	1/8	832.95	1/8	957.24	1/8	1,081.54
1/4	23.63	1/4	115.79	1/4	222.17	1/4	341.09	1/4	465.38	1/4	589.04	1/4	711.86	1/4	835.54	1/4	959.83	1/4	1,084.12
3/8	25.21	3/8	117.88	3/8	224.53	3/8	343.68	3/8	467.97	3/8	591.60	3/8	714.42	3/8	838.13	3/8	962.42	3/8	1,086.71
1/2	26.80	1/2	119.98	1/2	226.89	1/2	346.27	1/2	470.56	1/2	594.16	1/2	716.98	1/2	840.72	1/2	965.01	1/2	1,089.30
5/8	28.39	5/8	122.08	5/8	229.25	5/8	348.86	5/8	473.15	5/8	596.72	5/8	719.54	5/8	843.31	5/8	967.60	5/8	1,091.89
3/4	29.97	3/4	124.17	3/4	231.61	3/4	351.45	3/4	475.74	3/4	599.28	3/4	722.10	3/4	845.90	3/4	970.19	3/4	1,094.48
7/8	31.56	7/8	126.27	7/8	233.97	7/8	354.04	7/8	478.33	7/8	601.84	7/8	724.66	7/8	848.49	7/8	972.78	7/8	1,097.07
2	33.14	8	128.36	2	236.33	8	356.63	2	480.92	8	604.39	2	727.22	8	851.08	2	975.37	8	1,099.66
1/8	35.01	1/8	130.50	1/8	238.73	1/8	359.22	1/8	483.51	1/8	606.95	1/8	729.78	1/8	853.67	1/8	977.96	1/8	1,102.25
1/4	36.88	1/4	132.64	1/4	241.13	1/4	361.80	1/4	486.10	1/4	609.51	1/4	732.33	1/4	856.26	1/4	980.55	1/4	1,104.84
3/8	38.74	3/8	134.78	3/8	243.54	3/8	364.39	3/8	488.69	3/8	612.07	3/8	734.89	3/8	858.85	3/8	983.14	3/8	1,107.43
1/2	40.61	1/2	136.92	1/2	245.94	1/2	366.98	1/2	491.27	1/2	614.63	1/2	737.45	1/2	861.44	1/2	985.73	1/2	1,110.02
5/8	42.47	5/8	139.06	5/8	248.34	5/8	369.57	5/8	493.86	5/8	617.19	5/8	740.01	5/8	864.03	5/8	988.32	5/8	1,112.61
3/4	44.34	3/4	141.20	3/4	250.75	3/4	372.16	3/4	496.45	3/4	619.75	3/4	742.57	3/4	866.62	3/4	990.91	3/4	1,115.20
7/8	46.21	7/8	143.34	7/8	253.15	7/8	374.75	7/8	499.04	7/8	622.31	7/8	745.13	7/8	869.20	7/8	993.50	7/8	1,117.79
3	48.07	9	145.48	3	255.55	9	377.34	3	501.63	9	624.86	3	747.69	9	871.79	3	996.09	9	1,120.38
1/8	49.99	1/8	147.66	1/8	258.00	1/8	379.93	1/8	504.22	1/8	627.42	1/8	750.25	1/8	874.38	1/8	998.67	1/8	1,122.97
1/4	51.91	1/4	149.85	1/4	260.45	1/4	382.52	1/4	506.80	1/4	629.98	1/4	752.82	1/4	876.97	1/4	1,001.26	1/4	1,125.56
3/8	53.82	3/8	152.03	3/8	262.89	3/8	385.11	3/8	509.39	3/8	632.54	3/8	755.39	3/8	879.56	3/8	1,003.85	3/8	1,128.14
1/2	55.74	1/2	154.21	1/2	265.34	1/2	387.70	1/2	511.97	1/2	635.10	1/2	757.95	1/2	882.15	1/2	1,006.44	1/2	1,130.73
5/8	57.66	5/8	156.40	5/8	267.79	5/8	390.29	5/8	514.56	5/8	637.66	5/8	760.52	5/8	884.74	5/8	1,009.03	5/8	1,133.32
3/4	59.58	3/4	158.58	3/4	270.23	3/4	392.88	3/4	517.14	3/4	640.22	3/4	763.09	3/4	887.33	3/4	1,011.62	3/4	1,135.91
7/8	61.49	7/8	160.76	7/8	272.68	7/8	395.47	7/8	519.73	7/8	642.78	7/8	765.65	7/8	889.92	7/8	1,014.21	7/8	1,138.50
4	63.41	10	162.95	4	275.13	10	398.06	4	522.31	10	645.33	4	768.22	10	892.51	4	1,016.80	10	1,141.09
1/8	65.37	1/8	165.17	1/8	277.62	1/8	400.65	1/8	524.89	1/8	647.89	1/8	770.81	1/8	895.10	1/8	1,019.39	1/8	1,143.68
1/4	67.34	1/4	167.40	1/4	280.11	1/4	403.24	1/4	527.46	1/4	650.45	1/4	773.40	1/4	897.69	1/4	1,021.98	1/4	1,146.27
3/8	69.30	3/8	169.63	3/8	282.60	3/8	405.82	3/8	530.03	3/8	653.01	3/8	775.99	3/8	900.28	3/8	1,024.57	3/8	1,148.86
1/2	71.26	1/2	171.86	1/2	285.09	1/2	408.41	1/2	532.61	1/2	655.57	1/2	778.58	1/2	902.87	1/2	1,027.16	1/2	1,151.45
5/8	73.23	5/8	174.08	5/8	287.58	5/8	411.00	5/8	535.18	5/8	658.13	5/8	781.17	5/8	905.46	5/8	1,029.75	5/8	1,154.04
3/4	75.19	3/4	176.31	3/4	290.07	3/4	413.59	3/4	537.75	3/4	660.69	3/4	783.75	3/4	908.05	3/4	1,032.34	3/4	1,156.63
7/8	77.16	7/8	178.54	7/8	292.56	7/8	416.18	7/8	540.33	7/8	663.25	7/8	786.34	7/8	910.64	7/8	1,034.93	7/8	1,159.22
5	79.12	11	180.77	5	295.05	11	418.77	5	542.90	11	665.81	5	788.93	11	913.22	5	1,037.52	11	1,161.81
1/8	81.13	1/8	183.04	1/8	297.59	1/8	421.36	1/8	545.47	1/8	668.36	1/8	791.52	1/8	915.81	1/8	1,040.11	1/8	1,164.40
1/4	83.14	1/4	185.31	1/4	300.12	1/4	423.95	1/4	548.04	1/4	670.92	1/4	794.11	1/4	918.40	1/4	1,042.69	1/4	1,166.99
3/8	85.14	3/8	187.58	3/8	302.65	3/8	426.54	3/8	550.61	3/8	673.48	3/8	796.70	3/8	920.99	3/8	1,045.28	3/8	1,169.58
1/2	87.15	1/2	189.85	1/2	305.19	1/2	429.13	1/2	553.18	1/2	676.04	1/2	799.29	1/2	923.58	1/2	1,047.87	1/2	1,172.16
5/8	89.16	5/8	192.12	5/8	307.72	5/8	431.72	5/8	555.75	5/8	678.60	5/8	801.88	5/8	926.17	5/8	1,050.46	5/8	1,174.75
3/4	91.17	3/4	194.39	3/4	310.26	3/4	434.31	3/4	558.31	3/4	681.16	3/4	804.47	3/4	928.76	3/4	1,053.05	3/4	1,177.34
7/8	93.18	7/8	196.66	7/8	312.79	7/8	436.90	7/8	560.88	7/8	683.72	7/8	807.06	7/8	931.35	7/8	1,055.64	7/8	1,179.93

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE

GAUGE POINT: (2" STANDPIPE) LOCATED 12'-00" OFF CENTERLINE AND 30'-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 29751"

1 STBD

INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-08 3/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,182.52	6	1,306.81	0	1,431.10	6	1,555.40	0	1,679.69	6	1,803.98	0	1,928.27	6	2,052.56	0	2,176.85	6	2,301.14
1/8	1,185.11	1/8	1,309.40	1/8	1,433.69	1/8	1,557.99	1/8	1,682.28	1/8	1,806.57	1/8	1,930.86	1/8	2,055.15	1/8	2,179.44	1/8	2,303.73
1/4	1,187.70	1/4	1,311.99	1/4	1,436.28	1/4	1,560.57	1/4	1,684.87	1/4	1,809.16	1/4	1,933.45	1/4	2,057.74	1/4	2,182.03	1/4	2,306.32
3/8	1,190.29	3/8	1,314.58	3/8	1,438.87	3/8	1,563.16	3/8	1,687.46	3/8	1,811.75	3/8	1,936.04	3/8	2,060.33	3/8	2,184.62	3/8	2,308.91
1/2	1,192.88	1/2	1,317.17	1/2	1,441.46	1/2	1,565.75	1/2	1,690.04	1/2	1,814.34	1/2	1,938.63	1/2	2,062.92	1/2	2,187.21	1/2	2,311.50
5/8	1,195.47	5/8	1,319.76	5/8	1,444.05	5/8	1,568.34	5/8	1,692.63	5/8	1,816.93	5/8	1,941.22	5/8	2,065.51	5/8	2,189.80	5/8	2,314.09
3/4	1,198.06	3/4	1,322.35	3/4	1,446.64	3/4	1,570.93	3/4	1,695.22	3/4	1,819.51	3/4	1,943.81	3/4	2,068.10	3/4	2,192.39	3/4	2,316.68
7/8	1,200.65	7/8	1,324.94	7/8	1,449.23	7/8	1,573.52	7/8	1,697.81	7/8	1,822.10	7/8	1,946.40	7/8	2,070.69	7/8	2,194.98	7/8	2,319.27
1	1,203.24	7	1,327.53	1	1,451.82	7	1,576.11	1	1,700.40	7	1,824.69	1	1,948.98	7	2,073.28	1	2,197.57	7	2,321.86
1/8	1,205.83	1/8	1,330.12	1/8	1,454.41	1/8	1,578.70	1/8	1,702.99	1/8	1,827.28	1/8	1,951.57	1/8	2,075.87	1/8	2,200.16	1/8	2,324.45
1/4	1,208.42	1/4	1,332.71	1/4	1,457.00	1/4	1,581.29	1/4	1,705.58	1/4	1,829.87	1/4	1,954.16	1/4	2,078.45	1/4	2,202.75	1/4	2,327.04
3/8	1,211.01	3/8	1,335.30	3/8	1,459.59	3/8	1,583.88	3/8	1,708.17	3/8	1,832.46	3/8	1,956.75	3/8	2,081.04	3/8	2,205.34	3/8	2,329.63
1/2	1,213.59	1/2	1,337.89	1/2	1,462.18	1/2	1,586.47	1/2	1,710.76	1/2	1,835.05	1/2	1,959.34	1/2	2,083.63	1/2	2,207.92	1/2	2,332.22
5/8	1,216.18	5/8	1,340.48	5/8	1,464.77	5/8	1,589.06	5/8	1,713.35	5/8	1,837.64	5/8	1,961.93	5/8	2,086.22	5/8	2,210.51	5/8	2,334.81
3/4	1,218.77	3/4	1,343.06	3/4	1,467.36	3/4	1,591.65	3/4	1,715.94	3/4	1,840.23	3/4	1,964.52	3/4	2,088.81	3/4	2,213.10	3/4	2,337.39
7/8	1,221.36	7/8	1,345.65	7/8	1,469.95	7/8	1,594.24	7/8	1,718.53	7/8	1,842.82	7/8	1,967.11	7/8	2,091.40	7/8	2,215.69	7/8	2,339.98
2	1,223.95	8	1,348.24	2	1,472.53	8	1,596.83	2	1,721.12	8	1,845.41	2	1,969.70	8	2,093.99	2	2,218.28	8	2,342.57
1/8	1,226.54	1/8	1,350.83	1/8	1,475.12	1/8	1,599.42	1/8	1,723.71	1/8	1,848.00	1/8	1,972.29	1/8	2,096.58	1/8	2,220.87	1/8	2,345.16
1/4	1,229.13	1/4	1,353.42	1/4	1,477.71	1/4	1,602.00	1/4	1,726.30	1/4	1,850.59	1/4	1,974.88	1/4	2,099.17	1/4	2,223.46	1/4	2,347.75
3/8	1,231.72	3/8	1,356.01	3/8	1,480.30	3/8	1,604.59	3/8	1,728.89	3/8	1,853.18	3/8	1,977.47	3/8	2,101.76	3/8	2,226.05	3/8	2,350.34
1/2	1,234.31	1/2	1,358.60	1/2	1,482.89	1/2	1,607.18	1/2	1,731.47	1/2	1,855.77	1/2	1,980.06	1/2	2,104.35	1/2	2,228.64	1/2	2,352.93
5/8	1,236.90	5/8	1,361.19	5/8	1,485.48	5/8	1,609.77	5/8	1,734.06	5/8	1,858.36	5/8	1,982.65	5/8	2,106.94	5/8	2,231.23	5/8	2,355.52
3/4	1,239.49	3/4	1,363.78	3/4	1,488.07	3/4	1,612.36	3/4	1,736.65	3/4	1,860.94	3/4	1,985.24	3/4	2,109.53	3/4	2,233.82	3/4	2,358.11
7/8	1,242.08	7/8	1,366.37	7/8	1,490.66	7/8	1,614.95	7/8	1,739.24	7/8	1,863.53	7/8	1,987.83	7/8	2,112.12	7/8	2,236.41	7/8	2,360.70
3	1,244.67	9	1,368.96	3	1,493.25	9	1,617.54	3	1,741.83	9	1,866.12	3	1,990.41	9	2,114.71	3	2,239.00	9	2,363.29
1/8	1,247.26	1/8	1,371.55	1/8	1,495.84	1/8	1,620.13	1/8	1,744.42	1/8	1,868.71	1/8	1,993.00	1/8	2,117.30	1/8	2,241.59	1/8	2,365.88
1/4	1,249.85	1/4	1,374.14	1/4	1,498.43	1/4	1,622.72	1/4	1,747.01	1/4	1,871.30	1/4	1,995.59	1/4	2,119.88	1/4	2,244.18	1/4	2,368.47
3/8	1,252.44	3/8	1,376.73	3/8	1,501.02	3/8	1,625.31	3/8	1,749.60	3/8	1,873.89	3/8	1,998.18	3/8	2,122.47	3/8	2,246.77	3/8	2,371.06
1/2	1,255.03	1/2	1,379.32	1/2	1,503.61	1/2	1,627.90	1/2	1,752.19	1/2	1,876.48	1/2	2,000.77	1/2	2,125.06	1/2	2,249.35	1/2	2,373.65
5/8	1,257.61	5/8	1,381.91	5/8	1,506.20	5/8	1,630.49	5/8	1,754.78	5/8	1,879.07	5/8	2,003.36	5/8	2,127.65	5/8	2,251.94	5/8	2,376.24
3/4	1,260.20	3/4	1,384.50	3/4	1,508.79	3/4	1,633.08	3/4	1,757.37	3/4	1,881.66	3/4	2,005.95	3/4	2,130.24	3/4	2,254.53	3/4	2,378.82
7/8	1,262.79	7/8	1,387.08	7/8	1,511.38	7/8	1,635.67	7/8	1,759.96	7/8	1,884.25	7/8	2,008.54	7/8	2,132.83	7/8	2,257.12	7/8	2,381.41
4	1,265.38	10	1,389.67	4	1,513.97	10	1,638.26	4	1,762.55	10	1,886.84	4	2,011.13	10	2,135.42	4	2,259.71	10	2,384.00
1/8	1,267.97	1/8	1,392.26	1/8	1,516.55	1/8	1,640.85	1/8	1,765.14	1/8	1,889.43	1/8	2,013.72	1/8	2,138.01	1/8	2,262.30	1/8	2,386.59
1/4	1,270.56	1/4	1,394.85	1/4	1,519.14	1/4	1,643.44	1/4	1,767.73	1/4	1,892.02	1/4	2,016.31	1/4	2,140.60	1/4	2,264.89	1/4	2,389.18
3/8	1,273.15	3/8	1,397.44	3/8	1,521.73	3/8	1,646.02	3/8	1,770.32	3/8	1,894.61	3/8	2,018.90	3/8	2,143.19	3/8	2,267.48	3/8	2,391.77
1/2	1,275.74	1/2	1,400.03	1/2	1,524.32	1/2	1,648.61	1/2	1,772.91	1/2	1,897.20	1/2	2,021.49	1/2	2,145.78	1/2	2,270.07	1/2	2,394.36
5/8	1,278.33	5/8	1,402.62	5/8	1,526.91	5/8	1,651.20	5/8	1,775.49	5/8	1,899.79	5/8	2,024.08	5/8	2,148.37	5/8	2,272.66	5/8	2,396.95
3/4	1,280.92	3/4	1,405.21	3/4	1,529.50	3/4	1,653.79	3/4	1,778.08	3/4	1,902.38	3/4	2,026.67	3/4	2,150.96	3/4	2,275.25	3/4	2,399.54
7/8	1,283.51	7/8	1,407.80	7/8	1,532.09	7/8	1,656.38	7/8	1,780.67	7/8	1,904.96	7/8	2,029.26	7/8	2,153.55	7/8	2,277.84	7/8	2,402.13
5	1,286.10	11	1,410.39	5	1,534.68	11	1,658.97	5	1,783.26	11	1,907.55	5	2,031.85	11	2,156.14	5	2,280.43	11	2,404.72
1/8	1,288.69	1/8	1,412.98	1/8	1,537.27	1/8	1,661.56	1/8	1,785.85	1/8	1,910.14	1/8	2,034.43	1/8	2,158.73	1/8	2,283.02	1/8	2,407.31
1/4	1,291.28	1/4	1,415.57	1/4	1,539.86	1/4	1,664.15	1/4	1,788.44	1/4	1,912.73	1/4	2,037.02	1/4	2,161.32	1/4	2,285.61	1/4	2,409.90
3/8	1,293.87	3/8	1,418.16	3/8	1,542.45	3/8	1,666.74	3/8	1,791.03	3/8	1,915.32	3/8	2,039.61	3/8	2,163.90	3/8	2,288.20	3/8	2,412.49
1/2	1,296.46	1/2	1,420.75	1/2	1,545.04	1/2	1,669.33	1/2	1,793.62	1/2	1,917.91	1/2	2,042.20	1/2	2,166.49	1/2	2,290.79	1/2	2,415.08
5/8	1,299.05	5/8	1,423.34	5/8	1,547.63	5/8	1,671.92	5/8	1,796.21	5/8	1,920.50	5/8	2,044.79	5/8	2,169.08	5/8	2,293.37	5/8	2,417.67
3/4	1,301.63	3/4	1,425.93	3/4	1,550.22	3/4	1,674.51	3/4	1,798.80	3/4	1,923.09	3/4	2,047.38	3/4	2,171.67	3/4	2,295.96	3/4	2,420.26
7/8	1,304.22	7/8	1,428.52	7/8	1,552.81	7/8	1,677.10	7/8	1,801.39	7/8	1,925.68	7/8	2,049.97	7/8	2,174.26	7/8	2,298.55	7/8	2,422.84

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 29751"

1 STBD INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,425.43	6	2,549.73	0	2,674.02	6	2,798.32	0	2,922.59	6	3,046.86	0	3,171.14	6	3,295.41	0	3,418.57	6	
1/8	2,428.02	1/8	2,552.31	1/8	2,676.61	1/8	2,800.91	1/8	2,925.18	1/8	3,049.45	1/8	3,173.72	1/8	3,297.99	1/8	3,421.07	1/8	
1/4	2,430.61	1/4	2,554.90	1/4	2,679.20	1/4	2,803.50	1/4	2,927.77	1/4	3,052.04	1/4	3,176.31	1/4	3,300.58	1/4	3,423.57	1/4	
3/8	2,433.20	3/8	2,557.49	3/8	2,681.78	3/8	2,806.09	3/8	2,930.36	3/8	3,054.63	3/8	3,178.90	3/8	3,303.16	3/8	3,426.07	3/8	
1/2	2,435.79	1/2	2,560.08	1/2	2,684.37	1/2	2,808.68	1/2	2,932.95	1/2	3,057.22	1/2	3,181.49	1/2	3,305.74	1/2	3,428.57	1/2	
5/8	2,438.38	5/8	2,562.67	5/8	2,686.96	5/8	2,811.26	5/8	2,935.54	5/8	3,059.81	5/8	3,184.08	5/8	3,308.33	5/8	3,431.07	5/8	
3/4	2,440.97	3/4	2,565.26	3/4	2,689.55	3/4	2,813.85	3/4	2,938.13	3/4	3,062.40	3/4	3,186.67	3/4	3,310.91	3/4	3,433.57	3/4	
7/8	2,443.56	7/8	2,567.85	7/8	2,692.14	7/8	2,816.44	7/8	2,940.71	7/8	3,064.99	7/8	3,189.26	7/8	3,313.49	7/8	3,436.07	7/8	
1	2,446.15	7	2,570.44	1	2,694.73	7	2,819.03	1	2,943.30	7	3,067.58	1	3,191.85	7	3,316.08	1	3,438.57	7	
1/8	2,448.74	1/8	2,573.03	1/8	2,697.32	1/8	2,821.62	1/8	2,945.89	1/8	3,070.16	1/8	3,194.44	1/8	3,318.64	1/8	3,440.81	1/8	
1/4	2,451.33	1/4	2,575.62	1/4	2,699.91	1/4	2,824.21	1/4	2,948.48	1/4	3,072.75	1/4	3,197.03	1/4	3,321.21	1/4	3,443.05	1/4	
3/8	2,453.92	3/8	2,578.21	3/8	2,702.50	3/8	2,826.80	3/8	2,951.07	3/8	3,075.34	3/8	3,199.61	3/8	3,323.77	3/8	3,445.29	3/8	
1/2	2,456.51	1/2	2,580.80	1/2	2,705.09	1/2	2,829.39	1/2	2,953.66	1/2	3,077.93	1/2	3,202.20	1/2	3,326.33	1/2	3,447.53	1/2	
5/8	2,459.10	5/8	2,583.39	5/8	2,707.68	5/8	2,831.98	5/8	2,956.25	5/8	3,080.52	5/8	3,204.79	5/8	3,328.90	5/8	3,449.77	5/8	
3/4	2,461.69	3/4	2,585.98	3/4	2,710.27	3/4	2,834.57	3/4	2,958.84	3/4	3,083.11	3/4	3,207.38	3/4	3,331.46	3/4	3,452.00	3/4	
7/8	2,464.28	7/8	2,588.57	7/8	2,712.86	7/8	2,837.15	7/8	2,961.43	7/8	3,085.70	7/8	3,209.97	7/8	3,334.02	7/8	3,454.24	7/8	
2	2,466.86	8	2,591.16	2	2,715.45	8	2,839.74	2	2,964.02	8	3,088.29	2	3,212.56	8	3,336.59	2	3,456.48	8	
1/8	2,469.45	1/8	2,593.75	1/8	2,718.04	1/8	2,842.33	1/8	2,966.60	1/8	3,090.88	1/8	3,215.15	1/8	3,339.15	1/8	3,458.29	1/8	
1/4	2,472.04	1/4	2,596.33	1/4	2,720.63	1/4	2,844.92	1/4	2,969.19	1/4	3,093.47	1/4	3,217.74	1/4	3,341.71	1/4	3,460.10	1/4	
3/8	2,474.63	3/8	2,598.92	3/8	2,723.22	3/8	2,847.51	3/8	2,971.78	3/8	3,096.05	3/8	3,220.33	3/8	3,344.28	3/8	3,461.91	3/8	
1/2	2,477.22	1/2	2,601.51	1/2	2,725.80	1/2	2,850.10	1/2	2,974.37	1/2	3,098.64	1/2	3,222.92	1/2	3,346.84	1/2	3,463.72	1/2	
5/8	2,479.81	5/8	2,604.10	5/8	2,728.39	5/8	2,852.69	5/8	2,976.96	5/8	3,101.23	5/8	3,225.50	5/8	3,349.41	5/8	3,465.52	5/8	
3/4	2,482.40	3/4	2,606.69	3/4	2,730.98	3/4	2,855.28	3/4	2,979.55	3/4	3,103.82	3/4	3,228.09	3/4	3,351.97	3/4	3,467.33	3/4	
7/8	2,484.99	7/8	2,609.28	7/8	2,733.57	7/8	2,857.87	7/8	2,982.14	7/8	3,106.41	7/8	3,230.68	7/8	3,354.53	7/8	3,469.14	7/8	
3	2,487.58	9	2,611.87	3	2,736.16	9	2,860.46	3	2,984.73	9	3,109.00	3	3,233.27	9	3,357.10	3	3,470.95	9	
1/8	2,490.17	1/8	2,614.46	1/8	2,738.75	1/8	2,863.04	1/8	2,987.32	1/8	3,111.59	1/8	3,235.86	1/8	3,359.66	1/8		1/8	
1/4	2,492.76	1/4	2,617.05	1/4	2,741.35	1/4	2,865.63	1/4	2,989.91	1/4	3,114.18	1/4	3,238.45	1/4	3,362.22	1/4		1/4	
3/8	2,495.35	3/8	2,619.64	3/8	2,743.94	3/8	2,868.22	3/8	2,992.49	3/8	3,116.77	3/8	3,241.04	3/8	3,364.79	3/8		3/8	
1/2	2,497.94	1/2	2,622.23	1/2	2,746.53	1/2	2,870.81	1/2	2,995.08	1/2	3,119.36	1/2	3,243.63	1/2	3,367.35	1/2		1/2	
5/8	2,500.53	5/8	2,624.82	5/8	2,749.12	5/8	2,873.40	5/8	2,997.67	5/8	3,121.94	5/8	3,246.22	5/8	3,369.91	5/8		5/8	
3/4	2,503.12	3/4	2,627.41	3/4	2,751.71	3/4	2,875.99	3/4	3,000.26	3/4	3,124.53	3/4	3,248.81	3/4	3,372.48	3/4		3/4	
7/8	2,505.71	7/8	2,630.00	7/8	2,754.30	7/8	2,878.58	7/8	3,002.85	7/8	3,127.12	7/8	3,251.39	7/8	3,375.04	7/8		7/8	
4	2,508.29	10	2,632.59	4	2,756.90	10	2,881.17	4	3,005.44	10	3,129.71	4	3,253.98	10	3,377.60	4		10	
1/8	2,510.88	1/8	2,635.18	1/8	2,759.48	1/8	2,883.76	1/8	3,008.03	1/8	3,132.30	1/8	3,256.57	1/8	3,380.17	1/8		1/8	
1/4	2,513.47	1/4	2,637.76	1/4	2,762.07	1/4	2,886.35	1/4	3,010.62	1/4	3,134.89	1/4	3,259.16	1/4	3,382.73	1/4		1/4	
3/8	2,516.06	3/8	2,640.35	3/8	2,764.66	3/8	2,888.93	3/8	3,013.21	3/8	3,137.48	3/8	3,261.75	3/8	3,385.29	3/8		3/8	
1/2	2,518.65	1/2	2,642.94	1/2	2,767.25	1/2	2,891.52	1/2	3,015.80	1/2	3,140.07	1/2	3,264.34	1/2	3,387.85	1/2		1/2	
5/8	2,521.24	5/8	2,645.53	5/8	2,769.84	5/8	2,894.11	5/8	3,018.38	5/8	3,142.66	5/8	3,266.93	5/8	3,390.42	5/8		5/8	
3/4	2,523.83	3/4	2,648.12	3/4	2,772.43	3/4	2,896.70	3/4	3,020.97	3/4	3,145.25	3/4	3,269.52	3/4	3,392.98	3/4		3/4	
7/8	2,526.42	7/8	2,650.71	7/8	2,775.02	7/8	2,899.29	7/8	3,023.56	7/8	3,147.83	7/8	3,272.11	7/8	3,395.54	7/8		7/8	
5	2,529.01	11	2,653.30	5	2,777.61	11	2,901.88	5	3,026.15	11	3,150.42	5	3,274.70	11	3,398.10	5		11	
1/8	2,531.60	1/8	2,655.89	1/8	2,780.20	1/8	2,904.47	1/8	3,028.74	1/8	3,153.01	1/8	3,277.28	1/8	3,400.66	1/8		1/8	
1/4	2,534.19	1/4	2,658.48	1/4	2,782.79	1/4	2,907.06	1/4	3,031.33	1/4	3,155.60	1/4	3,279.87	1/4	3,403.22	1/4		1/4	
3/8	2,536.78	3/8	2,661.07	3/8	2,785.37	3/8	2,909.65	3/8	3,033.92	3/8	3,158.19	3/8	3,282.46	3/8	3,405.78	3/8		3/8	
1/2	2,539.37	1/2	2,663.66	1/2	2,787.96	1/2	2,912.24	1/2	3,036.51	1/2	3,160.78	1/2	3,285.05	1/2	3,408.34	1/2		1/2	
5/8	2,541.96	5/8	2,666.25	5/8	2,790.55	5/8	2,914.82	5/8	3,039.10	5/8	3,163.37	5/8	3,287.64	5/8	3,410.89	5/8		5/8	
3/4	2,544.55	3/4	2,668.84	3/4	2,793.14	3/4	2,917.41	3/4	3,041.69	3/4	3,165.96	3/4	3,290.23	3/4	3,413.45	3/4		3/4	
7/8	2,547.14	7/8	2,671.43	7/8	2,795.73	7/8	2,920.00	7/8	3,044.27	7/8	3,168.55	7/8	3,292.82	7/8	3,416.01	7/8		7/8	

STRAPPED: 07/08/2019 CL
CALCULATED: 07/08/2019 CL
REPRINTED: 07/18/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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BARGE "KIRBY 29751"

2 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-09 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	*18.04	6	149.82	0	287.10	6	425.13	0	563.47	6	701.80	0	840.14	6	978.47	0	1,116.81	6	1,255.15
1/8	20.25	1/8	152.68	1/8	289.96	1/8	428.01	1/8	566.35	1/8	704.68	1/8	843.02	1/8	981.35	1/8	1,119.69	1/8	1,258.03
1/4	22.46	1/4	155.54	1/4	292.82	1/4	430.89	1/4	569.23	1/4	707.57	1/4	845.90	1/4	984.23	1/4	1,122.57	1/4	1,260.91
3/8	24.67	3/8	158.40	3/8	295.68	3/8	433.78	3/8	572.11	3/8	710.45	3/8	848.78	3/8	987.12	3/8	1,125.46	3/8	1,263.79
1/2	26.88	1/2	161.26	1/2	298.54	1/2	436.66	1/2	574.99	1/2	713.33	1/2	851.66	1/2	990.00	1/2	1,128.34	1/2	1,266.67
5/8	29.09	5/8	164.12	5/8	301.40	5/8	439.54	5/8	577.88	5/8	716.21	5/8	854.55	5/8	992.88	5/8	1,131.22	5/8	1,269.56
3/4	31.30	3/4	166.98	3/4	304.26	3/4	442.42	3/4	580.76	3/4	719.10	3/4	857.43	3/4	995.76	3/4	1,134.10	3/4	1,272.44
7/8	33.51	7/8	169.84	7/8	307.12	7/8	445.31	7/8	583.64	7/8	721.98	7/8	860.31	7/8	998.65	7/8	1,136.99	7/8	1,275.32
1	35.72	7	172.70	1	309.98	7	448.19	1	586.52	7	724.86	1	863.19	7	1,001.53	1	1,139.87	7	1,278.20
1/8	38.54	1/8	175.56	1/8	312.85	1/8	451.07	1/8	589.40	1/8	727.74	1/8	866.07	1/8	1,004.41	1/8	1,142.75	1/8	1,281.08
1/4	41.37	1/4	178.42	1/4	315.71	1/4	453.95	1/4	592.29	1/4	730.62	1/4	868.95	1/4	1,007.29	1/4	1,145.63	1/4	1,283.97
3/8	44.19	3/8	181.28	3/8	318.58	3/8	456.83	3/8	595.17	3/8	733.50	3/8	871.84	3/8	1,010.18	3/8	1,148.51	3/8	1,286.85
1/2	47.01	1/2	184.14	1/2	321.44	1/2	459.71	1/2	598.05	1/2	736.38	1/2	874.72	1/2	1,013.06	1/2	1,151.39	1/2	1,289.73
5/8	49.83	5/8	187.00	5/8	324.31	5/8	462.60	5/8	600.93	5/8	739.27	5/8	877.60	5/8	1,015.94	5/8	1,154.28	5/8	1,292.61
3/4	52.66	3/4	189.86	3/4	327.18	3/4	465.48	3/4	603.82	3/4	742.15	3/4	880.48	3/4	1,018.82	3/4	1,157.16	3/4	1,295.50
7/8	55.48	7/8	192.72	7/8	330.04	7/8	468.36	7/8	606.70	7/8	745.03	7/8	883.37	7/8	1,021.71	7/8	1,160.04	7/8	1,298.38
2	58.30	8	195.58	2	332.91	8	471.24	2	609.58	8	747.91	2	886.25	8	1,024.59	2	1,162.92	8	1,301.26
1/8	61.16	1/8	198.44	1/8	335.79	1/8	474.12	1/8	612.46	1/8	750.79	1/8	889.13	1/8	1,027.47	1/8	1,165.80	1/8	1,304.14
1/4	64.02	1/4	201.30	1/4	338.67	1/4	477.01	1/4	615.34	1/4	753.67	1/4	892.01	1/4	1,030.35	1/4	1,168.69	1/4	1,307.02
3/8	66.88	3/8	204.16	3/8	341.55	3/8	479.89	3/8	618.22	3/8	756.56	3/8	894.90	3/8	1,033.23	3/8	1,171.57	3/8	1,309.90
1/2	69.74	1/2	207.02	1/2	344.43	1/2	482.77	1/2	621.10	1/2	759.44	1/2	897.78	1/2	1,036.11	1/2	1,174.45	1/2	1,312.78
5/8	72.60	5/8	209.88	5/8	347.32	5/8	485.65	5/8	623.99	5/8	762.32	5/8	900.66	5/8	1,039.00	5/8	1,177.33	5/8	1,315.67
3/4	75.46	3/4	212.74	3/4	350.20	3/4	488.54	3/4	626.87	3/4	765.20	3/4	903.54	3/4	1,041.88	3/4	1,180.22	3/4	1,318.55
7/8	78.32	7/8	215.60	7/8	353.08	7/8	491.42	7/8	629.75	7/8	768.09	7/8	906.43	7/8	1,044.76	7/8	1,183.10	7/8	1,321.43
3	81.18	9	218.46	3	355.96	9	494.30	3	632.63	9	770.97	3	909.31	9	1,047.64	3	1,185.98	9	1,324.31
1/8	84.04	1/8	221.32	1/8	358.84	1/8	497.18	1/8	635.51	1/8	773.85	1/8	912.19	1/8	1,050.52	1/8	1,188.86	1/8	1,327.19
1/4	86.90	1/4	224.18	1/4	361.73	1/4	500.06	1/4	638.39	1/4	776.73	1/4	915.07	1/4	1,053.41	1/4	1,191.74	1/4	1,330.07
3/8	89.76	3/8	227.04	3/8	364.61	3/8	502.94	3/8	641.28	3/8	779.62	3/8	917.95	3/8	1,056.29	3/8	1,194.62	3/8	1,332.96
1/2	92.62	1/2	229.90	1/2	367.49	1/2	505.82	1/2	644.16	1/2	782.50	1/2	920.83	1/2	1,059.17	1/2	1,197.50	1/2	1,335.84
5/8	95.48	5/8	232.76	5/8	370.37	5/8	508.71	5/8	647.04	5/8	785.38	5/8	923.72	5/8	1,062.05	5/8	1,200.39	5/8	1,338.72
3/4	98.34	3/4	235.62	3/4	373.26	3/4	511.59	3/4	649.92	3/4	788.26	3/4	926.60	3/4	1,064.94	3/4	1,203.27	3/4	1,341.60
7/8	101.20	7/8	238.48	7/8	376.14	7/8	514.47	7/8	652.81	7/8	791.15	7/8	929.48	7/8	1,067.82	7/8	1,206.15	7/8	1,344.49
4	104.06	10	241.34	4	379.02	10	517.35	4	655.69	10	794.03	4	932.36	10	1,070.70	4	1,209.03	10	1,347.37
1/8	106.92	1/8	244.20	1/8	381.90	1/8	520.23	1/8	658.57	1/8	796.91	1/8	935.24	1/8	1,073.58	1/8	1,211.91	1/8	1,350.25
1/4	109.78	1/4	247.06	1/4	384.78	1/4	523.11	1/4	661.45	1/4	799.79	1/4	938.13	1/4	1,076.46	1/4	1,214.79	1/4	1,353.13
3/8	112.64	3/8	249.92	3/8	387.66	3/8	526.00	3/8	664.34	3/8	802.67	3/8	941.01	3/8	1,079.34	3/8	1,217.68	3/8	1,356.02
1/2	115.50	1/2	252.78	1/2	390.54	1/2	528.88	1/2	667.22	1/2	805.55	1/2	943.89	1/2	1,082.22	1/2	1,220.56	1/2	1,358.90
5/8	118.36	5/8	255.64	5/8	393.43	5/8	531.76	5/8	670.10	5/8	808.44	5/8	946.77	5/8	1,085.11	5/8	1,223.44	5/8	1,361.78
3/4	121.22	3/4	258.50	3/4	396.31	3/4	534.64	3/4	672.98	3/4	811.32	3/4	949.66	3/4	1,087.99	3/4	1,226.32	3/4	1,364.66
7/8	124.08	7/8	261.36	7/8	399.19	7/8	537.53	7/8	675.87	7/8	814.20	7/8	952.54	7/8	1,090.87	7/8	1,229.21	7/8	1,367.55
5	126.94	11	264.22	5	402.07	11	540.41	5	678.75	11	817.08	5	955.42	11	1,093.75	5	1,232.09	11	1,370.43
1/8	129.80	1/8	267.08	1/8	404.95	1/8	543.29	1/8	681.63	1/8	819.96	1/8	958.30	1/8	1,096.63	1/8	1,234.97	1/8	1,373.31
1/4	132.66	1/4	269.94	1/4	407.83	1/4	546.17	1/4	684.51	1/4	822.85	1/4	961.18	1/4	1,099.51	1/4	1,237.85	1/4	1,376.19
3/8	135.52	3/8	272.80	3/8	410.72	3/8	549.06	3/8	687.39	3/8	825.73	3/8	964.06	3/8	1,102.40	3/8	1,240.74	3/8	1,379.07
1/2	138.38	1/2	275.66	1/2	413.60	1/2	551.94	1/2	690.27	1/2	828.61	1/2	966.94	1/2	1,105.28	1/2	1,243.62	1/2	1,381.95
5/8	141.24	5/8	278.52	5/8	416.48	5/8	554.82	5/8	693.16	5/8	831.49	5/8	969.83	5/8	1,108.16	5/8	1,246.50	5/8	1,384.84
3/4	144.10	3/4	281.38	3/4	419.36	3/4	557.70	3/4	696.04	3/4	834.38	3/4	972.71	3/4	1,111.04	3/4	1,249.38	3/4	1,387.72
7/8	146.96	7/8	284.24	7/8	422.25	7/8	560.59	7/8	698.92	7/8	837.26	7/8	975.59	7/8	1,113.93	7/8	1,252.27	7/8	1,390.60

* CAPACITY BELOW STRIKE POINT.

BARGE SHOULD BE ON EVEN KEEL WHEN GAUGES ARE TAKEN

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 2" DIAMETER STANDPIPE.

GAUGE POINT: (2" STANDPIPE) LOCATED 12'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

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BARGE "KIRBY 29751"

2 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-09 1/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,393.48	6	1,531.82	0	1,670.15	6	1,808.49	0	1,946.82	6	2,085.16	0	2,223.50	6	2,361.83	0	2,500.17	6	2,638.51
1/8	1,396.36	1/8	1,534.70	1/8	1,673.03	1/8	1,811.37	1/8	1,949.70	1/8	2,088.04	1/8	2,226.38	1/8	2,364.71	1/8	2,503.05	1/8	2,641.39
1/4	1,399.25	1/4	1,537.58	1/4	1,675.91	1/4	1,814.25	1/4	1,952.59	1/4	2,090.93	1/4	2,229.26	1/4	2,367.59	1/4	2,505.93	1/4	2,644.27
3/8	1,402.13	3/8	1,540.46	3/8	1,678.80	3/8	1,817.13	3/8	1,955.47	3/8	2,093.81	3/8	2,232.14	3/8	2,370.48	3/8	2,508.81	3/8	2,647.15
1/2	1,405.01	1/2	1,543.34	1/2	1,681.68	1/2	1,820.01	1/2	1,958.35	1/2	2,096.69	1/2	2,235.02	1/2	2,373.36	1/2	2,511.69	1/2	2,650.03
5/8	1,407.89	5/8	1,546.23	5/8	1,684.56	5/8	1,822.90	5/8	1,961.23	5/8	2,099.57	5/8	2,237.91	5/8	2,376.24	5/8	2,514.58	5/8	2,652.92
3/4	1,410.78	3/4	1,549.11	3/4	1,687.44	3/4	1,825.78	3/4	1,964.12	3/4	2,102.46	3/4	2,240.79	3/4	2,379.12	3/4	2,517.46	3/4	2,655.80
7/8	1,413.66	7/8	1,551.99	7/8	1,690.33	7/8	1,828.66	7/8	1,967.00	7/8	2,105.34	7/8	2,243.67	7/8	2,382.01	7/8	2,520.34	7/8	2,658.68
1	1,416.54	7	1,554.87	1	1,693.21	7	1,831.54	1	1,969.88	7	2,108.22	1	2,246.55	7	2,384.89	1	2,523.22	7	2,661.56
1/8	1,419.42	1/8	1,557.75	1/8	1,696.09	1/8	1,834.42	1/8	1,972.76	1/8	2,111.10	1/8	2,249.43	1/8	2,387.77	1/8	2,526.10	1/8	2,664.44
1/4	1,422.30	1/4	1,560.63	1/4	1,698.97	1/4	1,837.31	1/4	1,975.65	1/4	2,113.98	1/4	2,252.31	1/4	2,390.65	1/4	2,528.99	1/4	2,667.33
3/8	1,425.18	3/8	1,563.52	3/8	1,701.85	3/8	1,840.19	3/8	1,978.53	3/8	2,116.86	3/8	2,255.20	3/8	2,393.53	3/8	2,531.87	3/8	2,670.21
1/2	1,428.06	1/2	1,566.40	1/2	1,704.73	1/2	1,843.07	1/2	1,981.41	1/2	2,119.74	1/2	2,258.08	1/2	2,396.41	1/2	2,534.75	1/2	2,673.09
5/8	1,430.95	5/8	1,569.28	5/8	1,707.62	5/8	1,845.95	5/8	1,984.29	5/8	2,122.63	5/8	2,260.96	5/8	2,399.30	5/8	2,537.63	5/8	2,675.97
3/4	1,433.83	3/4	1,572.16	3/4	1,710.50	3/4	1,848.84	3/4	1,987.18	3/4	2,125.51	3/4	2,263.84	3/4	2,402.18	3/4	2,540.52	3/4	2,678.86
7/8	1,436.71	7/8	1,575.05	7/8	1,713.38	7/8	1,851.72	7/8	1,990.06	7/8	2,128.39	7/8	2,266.73	7/8	2,405.06	7/8	2,543.40	7/8	2,681.74
2	1,439.59	8	1,577.93	2	1,716.26	8	1,854.60	2	1,992.94	8	2,131.27	2	2,269.61	8	2,407.94	2	2,546.28	8	2,684.62
1/8	1,442.47	1/8	1,580.81	1/8	1,719.14	1/8	1,857.48	1/8	1,995.82	1/8	2,134.15	1/8	2,272.49	1/8	2,410.82	1/8	2,549.16	1/8	2,687.50
1/4	1,445.35	1/4	1,583.69	1/4	1,722.03	1/4	1,860.37	1/4	1,998.70	1/4	2,137.03	1/4	2,275.37	1/4	2,413.71	1/4	2,552.05	1/4	2,690.38
3/8	1,448.24	3/8	1,586.57	3/8	1,724.91	3/8	1,863.25	3/8	2,001.58	3/8	2,139.92	3/8	2,278.25	3/8	2,416.59	3/8	2,554.93	3/8	2,693.26
1/2	1,451.12	1/2	1,589.45	1/2	1,727.79	1/2	1,866.13	1/2	2,004.46	1/2	2,142.80	1/2	2,281.13	1/2	2,419.47	1/2	2,557.81	1/2	2,696.14
5/8	1,454.00	5/8	1,592.34	5/8	1,730.67	5/8	1,869.01	5/8	2,007.35	5/8	2,145.68	5/8	2,284.02	5/8	2,422.35	5/8	2,560.69	5/8	2,699.03
3/4	1,456.88	3/4	1,595.22	3/4	1,733.56	3/4	1,871.90	3/4	2,010.23	3/4	2,148.56	3/4	2,286.90	3/4	2,425.24	3/4	2,563.58	3/4	2,701.91
7/8	1,459.77	7/8	1,598.10	7/8	1,736.44	7/8	1,874.78	7/8	2,013.11	7/8	2,151.45	7/8	2,289.78	7/8	2,428.12	7/8	2,566.46	7/8	2,704.79
3	1,462.65	9	1,600.98	3	1,739.32	9	1,877.66	3	2,015.99	9	2,154.33	3	2,292.66	9	2,431.00	3	2,569.34	9	2,707.67
1/8	1,465.53	1/8	1,603.86	1/8	1,742.20	1/8	1,880.54	1/8	2,018.87	1/8	2,157.21	1/8	2,295.54	1/8	2,433.88	1/8	2,572.22	1/8	2,710.55
1/4	1,468.41	1/4	1,606.75	1/4	1,745.09	1/4	1,883.42	1/4	2,021.75	1/4	2,160.09	1/4	2,298.43	1/4	2,436.77	1/4	2,575.10	1/4	2,713.43
3/8	1,471.29	3/8	1,609.63	3/8	1,747.97	3/8	1,886.30	3/8	2,024.64	3/8	2,162.97	3/8	2,301.31	3/8	2,439.65	3/8	2,577.98	3/8	2,716.32
1/2	1,474.17	1/2	1,612.51	1/2	1,750.85	1/2	1,889.18	1/2	2,027.52	1/2	2,165.85	1/2	2,304.19	1/2	2,442.53	1/2	2,580.86	1/2	2,719.20
5/8	1,477.06	5/8	1,615.39	5/8	1,753.73	5/8	1,892.07	5/8	2,030.40	5/8	2,168.74	5/8	2,307.07	5/8	2,445.41	5/8	2,583.75	5/8	2,722.08
3/4	1,479.94	3/4	1,618.28	3/4	1,756.62	3/4	1,894.95	3/4	2,033.28	3/4	2,171.62	3/4	2,309.96	3/4	2,448.30	3/4	2,586.63	3/4	2,724.96
7/8	1,482.82	7/8	1,621.16	7/8	1,759.50	7/8	1,897.83	7/8	2,036.17	7/8	2,174.50	7/8	2,312.84	7/8	2,451.18	7/8	2,589.51	7/8	2,727.85
4	1,485.70	10	1,624.04	4	1,762.38	10	1,900.71	4	2,039.05	10	2,177.38	4	2,315.72	10	2,454.06	4	2,592.39	10	2,730.73
1/8	1,488.58	1/8	1,626.92	1/8	1,765.26	1/8	1,903.59	1/8	2,041.93	1/8	2,180.26	1/8	2,318.60	1/8	2,456.94	1/8	2,595.27	1/8	2,733.61
1/4	1,491.47	1/4	1,629.81	1/4	1,768.14	1/4	1,906.47	1/4	2,044.81	1/4	2,183.15	1/4	2,321.49	1/4	2,459.82	1/4	2,598.15	1/4	2,736.49
3/8	1,494.35	3/8	1,632.69	3/8	1,771.02	3/8	1,909.36	3/8	2,047.69	3/8	2,186.03	3/8	2,324.37	3/8	2,462.70	3/8	2,601.04	3/8	2,739.38
1/2	1,497.23	1/2	1,635.57	1/2	1,773.90	1/2	1,912.24	1/2	2,050.57	1/2	2,188.91	1/2	2,327.25	1/2	2,465.58	1/2	2,603.92	1/2	2,742.26
5/8	1,500.11	5/8	1,638.45	5/8	1,776.79	5/8	1,915.12	5/8	2,053.46	5/8	2,191.79	5/8	2,330.13	5/8	2,468.47	5/8	2,606.80	5/8	2,745.14
3/4	1,503.00	3/4	1,641.34	3/4	1,779.67	3/4	1,918.00	3/4	2,056.34	3/4	2,194.68	3/4	2,333.02	3/4	2,471.35	3/4	2,609.68	3/4	2,748.02
7/8	1,505.88	7/8	1,644.22	7/8	1,782.55	7/8	1,920.89	7/8	2,059.22	7/8	2,197.56	7/8	2,335.90	7/8	2,474.23	7/8	2,612.57	7/8	2,750.91
5	1,508.76	11	1,647.10	5	1,785.43	11	1,923.77	5	2,062.10	11	2,200.44	5	2,338.78	11	2,477.11	5	2,615.45	11	2,753.79
1/8	1,511.64	1/8	1,649.98	1/8	1,788.31	1/8	1,926.65	1/8	2,064.98	1/8	2,203.32	1/8	2,341.66	1/8	2,479.99	1/8	2,618.33	1/8	2,756.67
1/4	1,514.53	1/4	1,652.86	1/4	1,791.19	1/4	1,929.53	1/4	2,067.87	1/4	2,206.21	1/4	2,344.54	1/4	2,482.87	1/4	2,621.21	1/4	2,759.55
3/8	1,517.41	3/8	1,655.74	3/8	1,794.08	3/8	1,932.41	3/8	2,070.75	3/8	2,209.09	3/8	2,347.42	3/8	2,485.76	3/8	2,624.10	3/8	2,762.43
1/2	1,520.29	1/2	1,658.62	1/2	1,796.96	1/2	1,935.29	1/2	2,073.63	1/2	2,211.97	1/2	2,350.30	1/2	2,488.64	1/2	2,626.98	1/2	2,765.31
5/8	1,523.17	5/8	1,661.51	5/8	1,799.84	5/8	1,938.18	5/8	2,076.51	5/8	2,214.85	5/8	2,353.19	5/8	2,491.52	5/8	2,629.86	5/8	2,768.20
3/4	1,526.06	3/4	1,664.39	3/4	1,802.72	3/4	1,941.06	3/4	2,079.40	3/4	2,217.74	3/4	2,356.07	3/4	2,494.40	3/4	2,632.74	3/4	2,771.08
7/8	1,528.94	7/8	1,667.27	7/8	1,805.61	7/8	1,943.94	7/8	2,082.28	7/8	2,220.62	7/8	2,358.95	7/8	2,497.29	7/8	2,635.63	7/8	2,773.96

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BARGE "KIRBY 29751"

2 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-09 1/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,776.84	6	2,915.18	0	3,053.51	6	3,191.85	0	3,330.19	6	3,468.52	0	3,606.86	6	3,744.19	0	3,881.37	6	
1/8	2,779.72	1/8	2,918.06	1/8	3,056.39	1/8	3,194.73	1/8	3,333.07	1/8	3,471.40	1/8	3,609.74	1/8	3,747.05	1/8	3,884.07	1/8	
1/4	2,782.61	1/4	2,920.94	1/4	3,059.27	1/4	3,197.61	1/4	3,335.95	1/4	3,474.29	1/4	3,612.61	1/4	3,749.90	1/4	3,886.76	1/4	
3/8	2,785.49	3/8	2,923.82	3/8	3,062.16	3/8	3,200.50	3/8	3,338.83	3/8	3,477.17	3/8	3,615.49	3/8	3,752.76	3/8	3,889.46	3/8	
1/2	2,788.37	1/2	2,926.70	1/2	3,065.04	1/2	3,203.38	1/2	3,341.71	1/2	3,480.05	1/2	3,618.36	1/2	3,755.62	1/2	3,892.16	1/2	
5/8	2,791.25	5/8	2,929.59	5/8	3,067.92	5/8	3,206.26	5/8	3,344.60	5/8	3,482.93	5/8	3,621.24	5/8	3,758.48	5/8	3,894.86	5/8	
3/4	2,794.14	3/4	2,932.47	3/4	3,070.80	3/4	3,209.14	3/4	3,347.48	3/4	3,485.82	3/4	3,624.12	3/4	3,761.33	3/4	3,897.55	3/4	
7/8	2,797.02	7/8	2,935.35	7/8	3,073.69	7/8	3,212.03	7/8	3,350.36	7/8	3,488.70	7/8	3,626.99	7/8	3,764.19	7/8	3,900.25	7/8	
1	2,799.90	7	2,938.23	1	3,076.57	7	3,214.91	1	3,353.24	7	3,491.58	1	3,629.87	7	3,767.05	1	3,902.95	7	
1/8	2,802.78	1/8	2,941.11	1/8	3,079.45	1/8	3,217.79	1/8	3,356.12	1/8	3,494.46	1/8	3,632.73	1/8	3,769.91	1/8	3,905.29	1/8	
1/4	2,805.66	1/4	2,943.99	1/4	3,082.33	1/4	3,220.67	1/4	3,359.01	1/4	3,497.34	1/4	3,635.58	1/4	3,772.76	1/4	3,907.63	1/4	
3/8	2,808.54	3/8	2,946.88	3/8	3,085.22	3/8	3,223.55	3/8	3,361.89	3/8	3,500.22	3/8	3,638.44	3/8	3,775.62	3/8	3,909.97	3/8	
1/2	2,811.42	1/2	2,949.76	1/2	3,088.10	1/2	3,226.43	1/2	3,364.77	1/2	3,503.10	1/2	3,641.30	1/2	3,778.48	1/2	3,912.31	1/2	
5/8	2,814.31	5/8	2,952.64	5/8	3,090.98	5/8	3,229.32	5/8	3,367.65	5/8	3,505.99	5/8	3,644.16	5/8	3,781.34	5/8	3,914.65	5/8	
3/4	2,817.19	3/4	2,955.52	3/4	3,093.86	3/4	3,232.20	3/4	3,370.54	3/4	3,508.87	3/4	3,647.01	3/4	3,784.19	3/4	3,916.99	3/4	
7/8	2,820.07	7/8	2,958.41	7/8	3,096.75	7/8	3,235.08	7/8	3,373.42	7/8	3,511.75	7/8	3,649.87	7/8	3,787.05	7/8	3,919.33	7/8	
2	2,822.95	8	2,961.29	2	3,099.63	8	3,237.96	2	3,376.30	8	3,514.63	2	3,652.73	8	3,789.91	2	3,921.67	8	
1/8	2,825.83	1/8	2,964.17	1/8	3,102.51	1/8	3,240.84	1/8	3,379.18	1/8	3,517.51	1/8	3,655.59	1/8	3,792.77	1/8	3,923.59	1/8	
1/4	2,828.71	1/4	2,967.05	1/4	3,105.39	1/4	3,243.73	1/4	3,382.06	1/4	3,520.39	1/4	3,658.44	1/4	3,795.63	1/4	3,925.50	1/4	
3/8	2,831.60	3/8	2,969.94	3/8	3,108.27	3/8	3,246.61	3/8	3,384.94	3/8	3,523.28	3/8	3,661.30	3/8	3,798.49	3/8	3,927.42	3/8	
1/2	2,834.48	1/2	2,972.82	1/2	3,111.15	1/2	3,249.49	1/2	3,387.82	1/2	3,526.16	1/2	3,664.16	1/2	3,801.34	1/2	3,929.34	1/2	
5/8	2,837.36	5/8	2,975.70	5/8	3,114.04	5/8	3,252.37	5/8	3,390.71	5/8	3,529.04	5/8	3,667.02	5/8	3,804.20	5/8	3,931.26	5/8	
3/4	2,840.24	3/4	2,978.58	3/4	3,116.92	3/4	3,255.26	3/4	3,393.59	3/4	3,531.92	3/4	3,669.87	3/4	3,807.06	3/4	3,933.17	3/4	
7/8	2,843.13	7/8	2,981.47	7/8	3,119.80	7/8	3,258.14	7/8	3,396.47	7/8	3,534.81	7/8	3,672.73	7/8	3,809.92	7/8	3,935.09	7/8	
3	2,846.01	9	2,984.35	3	3,122.68	9	3,261.02	3	3,399.35	9	3,537.69	3	3,675.59	9	3,812.78	3	3,937.01	9	
1/8	2,848.89	1/8	2,987.23	1/8	3,125.56	1/8	3,263.90	1/8	3,402.23	1/8	3,540.57	1/8	3,678.45	1/8	3,815.64	1/8		1/8	
1/4	2,851.77	1/4	2,990.11	1/4	3,128.45	1/4	3,266.78	1/4	3,405.11	1/4	3,543.45	1/4	3,681.31	1/4	3,818.50	1/4		1/4	
3/8	2,854.66	3/8	2,992.99	3/8	3,131.33	3/8	3,269.66	3/8	3,408.00	3/8	3,546.34	3/8	3,684.17	3/8	3,821.35	3/8		3/8	
1/2	2,857.54	1/2	2,995.87	1/2	3,134.21	1/2	3,272.54	1/2	3,410.88	1/2	3,549.22	1/2	3,687.02	1/2	3,824.21	1/2		1/2	
5/8	2,860.42	5/8	2,998.76	5/8	3,137.09	5/8	3,275.43	5/8	3,413.76	5/8	3,552.10	5/8	3,689.88	5/8	3,827.07	5/8		5/8	
3/4	2,863.30	3/4	3,001.64	3/4	3,139.98	3/4	3,278.31	3/4	3,416.64	3/4	3,554.98	3/4	3,692.74	3/4	3,829.93	3/4		3/4	
7/8	2,866.19	7/8	3,004.52	7/8	3,142.86	7/8	3,281.19	7/8	3,419.53	7/8	3,557.87	7/8	3,695.60	7/8	3,832.78	7/8		7/8	
4	2,869.07	10	3,007.40	4	3,145.74	10	3,284.07	4	3,422.41	10	3,560.75	4	3,698.46	10	3,835.64	4		10	
1/8	2,871.95	1/8	3,010.28	1/8	3,148.62	1/8	3,286.95	1/8	3,425.29	1/8	3,563.63	1/8	3,701.32	1/8	3,838.50	1/8		1/8	
1/4	2,874.83	1/4	3,013.17	1/4	3,151.50	1/4	3,289.83	1/4	3,428.17	1/4	3,566.51	1/4	3,704.18	1/4	3,841.36	1/4		1/4	
3/8	2,877.71	3/8	3,016.05	3/8	3,154.38	3/8	3,292.72	3/8	3,431.06	3/8	3,569.39	3/8	3,707.03	3/8	3,844.22	3/8		3/8	
1/2	2,880.59	1/2	3,018.93	1/2	3,157.26	1/2	3,295.60	1/2	3,433.94	1/2	3,572.27	1/2	3,709.89	1/2	3,847.07	1/2		1/2	
5/8	2,883.48	5/8	3,021.81	5/8	3,160.15	5/8	3,298.48	5/8	3,436.82	5/8	3,575.16	5/8	3,712.75	5/8	3,849.93	5/8		5/8	
3/4	2,886.36	3/4	3,024.70	3/4	3,163.03	3/4	3,301.36	3/4	3,439.70	3/4	3,578.04	3/4	3,715.61	3/4	3,852.79	3/4		3/4	
7/8	2,889.24	7/8	3,027.58	7/8	3,165.91	7/8	3,304.25	7/8	3,442.59	7/8	3,580.92	7/8	3,718.46	7/8	3,855.65	7/8		7/8	
5	2,892.12	11	3,030.46	5	3,168.79	11	3,307.13	5	3,445.47	11	3,583.80	5	3,721.32	11	3,858.51	5		11	
1/8	2,895.00	1/8	3,033.34	1/8	3,171.67	1/8	3,310.01	1/8	3,448.35	1/8	3,586.68	1/8	3,724.18	1/8	3,861.37	1/8		1/8	
1/4	2,897.89	1/4	3,036.22	1/4	3,174.55	1/4	3,312.89	1/4	3,451.23	1/4	3,589.57	1/4	3,727.04	1/4	3,864.22	1/4		1/4	
3/8	2,900.77	3/8	3,039.10	3/8	3,177.44	3/8	3,315.78	3/8	3,454.11	3/8	3,592.45	3/8	3,729.90	3/8	3,867.08	3/8		3/8	
1/2	2,903.65	1/2	3,041.98	1/2	3,180.32	1/2	3,318.66	1/2	3,456.99	1/2	3,595.33	1/2	3,732.75	1/2	3,869.94	1/2		1/2	
5/8	2,906.53	5/8	3,044.87	5/8	3,183.20	5/8	3,321.54	5/8	3,459.88	5/8	3,598.21	5/8	3,735.61	5/8	3,872.80	5/8		5/8	
3/4	2,909.42	3/4	3,047.75	3/4	3,186.08	3/4	3,324.42	3/4	3,462.76	3/4	3,601.10	3/4	3,738.47	3/4	3,875.65	3/4		3/4	
7/8	2,912.30	7/8	3,050.63	7/8	3,188.97	7/8	3,327.31	7/8	3,465.64	7/8	3,603.98	7/8	3,741.33	7/8	3,878.51	7/8		7/8	

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2 STBD INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	*18.04	6	149.82	0	287.10	6	425.13	0	563.47	6	701.80	0	840.14	6	978.47	0	1,116.81	6	1,255.15
1/8	20.25	1/8	152.68	1/8	289.96	1/8	428.01	1/8	566.35	1/8	704.68	1/8	843.02	1/8	981.35	1/8	1,119.69	1/8	1,258.03
1/4	22.46	1/4	155.54	1/4	292.82	1/4	430.89	1/4	569.23	1/4	707.57	1/4	845.90	1/4	984.23	1/4	1,122.57	1/4	1,260.91
3/8	24.67	3/8	158.40	3/8	295.68	3/8	433.78	3/8	572.11	3/8	710.45	3/8	848.78	3/8	987.12	3/8	1,125.46	3/8	1,263.79
1/2	26.88	1/2	161.26	1/2	298.54	1/2	436.66	1/2	574.99	1/2	713.33	1/2	851.66	1/2	990.00	1/2	1,128.34	1/2	1,266.67
5/8	29.09	5/8	164.12	5/8	301.40	5/8	439.54	5/8	577.88	5/8	716.21	5/8	854.55	5/8	992.88	5/8	1,131.22	5/8	1,269.56
3/4	31.30	3/4	166.98	3/4	304.26	3/4	442.42	3/4	580.76	3/4	719.10	3/4	857.43	3/4	995.76	3/4	1,134.10	3/4	1,272.44
7/8	33.51	7/8	169.84	7/8	307.12	7/8	445.31	7/8	583.64	7/8	721.98	7/8	860.31	7/8	998.65	7/8	1,136.99	7/8	1,275.32
1	35.72	7	172.70	1	309.98	7	448.19	1	586.52	7	724.86	1	863.19	7	1,001.53	1	1,139.87	7	1,278.20
1/8	38.54	1/8	175.56	1/8	312.85	1/8	451.07	1/8	589.40	1/8	727.74	1/8	866.07	1/8	1,004.41	1/8	1,142.75	1/8	1,281.08
1/4	41.37	1/4	178.42	1/4	315.71	1/4	453.95	1/4	592.29	1/4	730.62	1/4	868.95	1/4	1,007.29	1/4	1,145.63	1/4	1,283.97
3/8	44.19	3/8	181.28	3/8	318.58	3/8	456.83	3/8	595.17	3/8	733.50	3/8	871.84	3/8	1,010.18	3/8	1,148.51	3/8	1,286.85
1/2	47.01	1/2	184.14	1/2	321.44	1/2	459.71	1/2	598.05	1/2	736.38	1/2	874.72	1/2	1,013.06	1/2	1,151.39	1/2	1,289.73
5/8	49.83	5/8	187.00	5/8	324.31	5/8	462.60	5/8	600.93	5/8	739.27	5/8	877.60	5/8	1,015.94	5/8	1,154.28	5/8	1,292.61
3/4	52.66	3/4	189.86	3/4	327.18	3/4	465.48	3/4	603.82	3/4	742.15	3/4	880.48	3/4	1,018.82	3/4	1,157.16	3/4	1,295.50
7/8	55.48	7/8	192.72	7/8	330.04	7/8	468.36	7/8	606.70	7/8	745.03	7/8	883.37	7/8	1,021.71	7/8	1,160.04	7/8	1,298.38
2	58.30	8	195.58	2	332.91	8	471.24	2	609.58	8	747.91	2	886.25	8	1,024.59	2	1,162.92	8	1,301.26
1/8	61.16	1/8	198.44	1/8	335.79	1/8	474.12	1/8	612.46	1/8	750.79	1/8	889.13	1/8	1,027.47	1/8	1,165.80	1/8	1,304.14
1/4	64.02	1/4	201.30	1/4	338.67	1/4	477.01	1/4	615.34	1/4	753.67	1/4	892.01	1/4	1,030.35	1/4	1,168.69	1/4	1,307.02
3/8	66.88	3/8	204.16	3/8	341.55	3/8	479.89	3/8	618.22	3/8	756.56	3/8	894.90	3/8	1,033.23	3/8	1,171.57	3/8	1,309.90
1/2	69.74	1/2	207.02	1/2	344.43	1/2	482.77	1/2	621.10	1/2	759.44	1/2	897.78	1/2	1,036.11	1/2	1,174.45	1/2	1,312.78
5/8	72.60	5/8	209.88	5/8	347.32	5/8	485.65	5/8	623.99	5/8	762.32	5/8	900.66	5/8	1,039.00	5/8	1,177.33	5/8	1,315.67
3/4	75.46	3/4	212.74	3/4	350.20	3/4	488.54	3/4	626.87	3/4	765.20	3/4	903.54	3/4	1,041.88	3/4	1,180.22	3/4	1,318.55
7/8	78.32	7/8	215.60	7/8	353.08	7/8	491.42	7/8	629.75	7/8	768.09	7/8	906.43	7/8	1,044.76	7/8	1,183.10	7/8	1,321.43
3	81.18	9	218.46	3	355.96	9	494.30	3	632.63	9	770.97	3	909.31	9	1,047.64	3	1,185.98	9	1,324.31
1/8	84.04	1/8	221.32	1/8	358.84	1/8	497.18	1/8	635.51	1/8	773.85	1/8	912.19	1/8	1,050.52	1/8	1,188.86	1/8	1,327.19
1/4	86.90	1/4	224.18	1/4	361.73	1/4	500.06	1/4	638.39	1/4	776.73	1/4	915.07	1/4	1,053.41	1/4	1,191.74	1/4	1,330.07
3/8	89.76	3/8	227.04	3/8	364.61	3/8	502.94	3/8	641.28	3/8	779.62	3/8	917.95	3/8	1,056.29	3/8	1,194.62	3/8	1,332.96
1/2	92.62	1/2	229.90	1/2	367.49	1/2	505.82	1/2	644.16	1/2	782.50	1/2	920.83	1/2	1,059.17	1/2	1,197.50	1/2	1,335.84
5/8	95.48	5/8	232.76	5/8	370.37	5/8	508.71	5/8	647.04	5/8	785.38	5/8	923.72	5/8	1,062.05	5/8	1,200.39	5/8	1,338.72
3/4	98.34	3/4	235.62	3/4	373.26	3/4	511.59	3/4	649.92	3/4	788.26	3/4	926.60	3/4	1,064.94	3/4	1,203.27	3/4	1,341.60
7/8	101.20	7/8	238.48	7/8	376.14	7/8	514.47	7/8	652.81	7/8	791.15	7/8	929.48	7/8	1,067.82	7/8	1,206.15	7/8	1,344.49
4	104.06	10	241.34	4	379.02	10	517.35	4	655.69	10	794.03	4	932.36	10	1,070.70	4	1,209.03	10	1,347.37
1/8	106.92	1/8	244.20	1/8	381.90	1/8	520.23	1/8	658.57	1/8	796.91	1/8	935.24	1/8	1,073.58	1/8	1,211.91	1/8	1,350.25
1/4	109.78	1/4	247.06	1/4	384.78	1/4	523.11	1/4	661.45	1/4	799.79	1/4	938.13	1/4	1,076.46	1/4	1,214.79	1/4	1,353.13
3/8	112.64	3/8	249.92	3/8	387.66	3/8	526.00	3/8	664.34	3/8	802.67	3/8	941.01	3/8	1,079.34	3/8	1,217.68	3/8	1,356.02
1/2	115.50	1/2	252.78	1/2	390.54	1/2	528.88	1/2	667.22	1/2	805.55	1/2	943.89	1/2	1,082.22	1/2	1,220.56	1/2	1,358.90
5/8	118.36	5/8	255.64	5/8	393.43	5/8	531.76	5/8	670.10	5/8	808.44	5/8	946.77	5/8	1,085.11	5/8	1,223.44	5/8	1,361.78
3/4	121.22	3/4	258.50	3/4	396.31	3/4	534.64	3/4	672.98	3/4	811.32	3/4	949.66	3/4	1,087.99	3/4	1,226.32	3/4	1,364.66
7/8	124.08	7/8	261.36	7/8	399.19	7/8	537.53	7/8	675.87	7/8	814.20	7/8	952.54	7/8	1,090.87	7/8	1,229.21	7/8	1,367.55
5	126.94	11	264.22	5	402.07	11	540.41	5	678.75	11	817.08	5	955.42	11	1,093.75	5	1,232.09	11	1,370.43
1/8	129.80	1/8	267.08	1/8	404.95	1/8	543.29	1/8	681.63	1/8	819.96	1/8	958.30	1/8	1,096.63	1/8	1,234.97	1/8	1,373.31
1/4	132.66	1/4	269.94	1/4	407.83	1/4	546.17	1/4	684.51	1/4	822.85	1/4	961.18	1/4	1,099.51	1/4	1,237.85	1/4	1,376.19
3/8	135.52	3/8	272.80	3/8	410.72	3/8	549.06	3/8	687.39	3/8	825.73	3/8	964.06	3/8	1,102.40	3/8	1,240.74	3/8	1,379.07
1/2	138.38	1/2	275.66	1/2	413.60	1/2	551.94	1/2	690.27	1/2	828.61	1/2	966.94	1/2	1,105.28	1/2	1,243.62	1/2	1,381.95
5/8	141.24	5/8	278.52	5/8	416.48	5/8	554.82	5/8	693.16	5/8	831.49	5/8	969.83	5/8	1,108.16	5/8	1,246.50	5/8	1,384.84
3/4	144.10	3/4	281.38	3/4	419.36	3/4	557.70	3/4	696.04	3/4	834.38	3/4	972.71	3/4	1,111.04	3/4	1,249.38	3/4	1,387.72
7/8	146.96	7/8	284.24	7/8	422.25	7/8	560.59	7/8	698.92	7/8	837.26	7/8	975.59	7/8	1,113.93	7/8	1,252.27	7/8	1,390.60

* CAPACITY BELOW STRIKE POINT.

BARGE SHOULD BE ON EVEN KEEL WHEN GAUGES ARE TAKEN

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 2" DIAMETER STANDPIPE.

GAUGE POINT: (2" STANDPIPE) LOCATED 12'-00" OFF CENTERLINE AND 33'-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 29751"

2 STBD INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-08 1/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,393.48	6	1,531.82	0	1,670.15	6	1,808.49	0	1,946.82	6	2,085.16	0	2,223.50	6	2,361.83	0	2,500.17	6	2,638.51
1/8	1,396.36	1/8	1,534.70	1/8	1,673.03	1/8	1,811.37	1/8	1,949.70	1/8	2,088.04	1/8	2,226.38	1/8	2,364.71	1/8	2,503.05	1/8	2,641.39
1/4	1,399.25	1/4	1,537.58	1/4	1,675.91	1/4	1,814.25	1/4	1,952.59	1/4	2,090.93	1/4	2,229.26	1/4	2,367.59	1/4	2,505.93	1/4	2,644.27
3/8	1,402.13	3/8	1,540.46	3/8	1,678.80	3/8	1,817.13	3/8	1,955.47	3/8	2,093.81	3/8	2,232.14	3/8	2,370.48	3/8	2,508.81	3/8	2,647.15
1/2	1,405.01	1/2	1,543.34	1/2	1,681.68	1/2	1,820.01	1/2	1,958.35	1/2	2,096.69	1/2	2,235.02	1/2	2,373.36	1/2	2,511.69	1/2	2,650.03
5/8	1,407.89	5/8	1,546.23	5/8	1,684.56	5/8	1,822.90	5/8	1,961.23	5/8	2,099.57	5/8	2,237.91	5/8	2,376.24	5/8	2,514.58	5/8	2,652.92
3/4	1,410.78	3/4	1,549.11	3/4	1,687.44	3/4	1,825.78	3/4	1,964.12	3/4	2,102.46	3/4	2,240.79	3/4	2,379.12	3/4	2,517.46	3/4	2,655.80
7/8	1,413.66	7/8	1,551.99	7/8	1,690.33	7/8	1,828.66	7/8	1,967.00	7/8	2,105.34	7/8	2,243.67	7/8	2,382.01	7/8	2,520.34	7/8	2,658.68
1	1,416.54	7	1,554.87	1	1,693.21	7	1,831.54	1	1,969.88	7	2,108.22	1	2,246.55	7	2,384.89	1	2,523.22	7	2,661.56
1/8	1,419.42	1/8	1,557.75	1/8	1,696.09	1/8	1,834.42	1/8	1,972.76	1/8	2,111.10	1/8	2,249.43	1/8	2,387.77	1/8	2,526.10	1/8	2,664.44
1/4	1,422.30	1/4	1,560.63	1/4	1,698.97	1/4	1,837.31	1/4	1,975.65	1/4	2,113.98	1/4	2,252.31	1/4	2,390.65	1/4	2,528.99	1/4	2,667.33
3/8	1,425.18	3/8	1,563.52	3/8	1,701.85	3/8	1,840.19	3/8	1,978.53	3/8	2,116.86	3/8	2,255.20	3/8	2,393.53	3/8	2,531.87	3/8	2,670.21
1/2	1,428.06	1/2	1,566.40	1/2	1,704.73	1/2	1,843.07	1/2	1,981.41	1/2	2,119.74	1/2	2,258.08	1/2	2,396.41	1/2	2,534.75	1/2	2,673.09
5/8	1,430.95	5/8	1,569.28	5/8	1,707.62	5/8	1,845.95	5/8	1,984.29	5/8	2,122.63	5/8	2,260.96	5/8	2,399.30	5/8	2,537.63	5/8	2,675.97
3/4	1,433.83	3/4	1,572.16	3/4	1,710.50	3/4	1,848.84	3/4	1,987.18	3/4	2,125.51	3/4	2,263.84	3/4	2,402.18	3/4	2,540.52	3/4	2,678.86
7/8	1,436.71	7/8	1,575.05	7/8	1,713.38	7/8	1,851.72	7/8	1,990.06	7/8	2,128.39	7/8	2,266.73	7/8	2,405.06	7/8	2,543.40	7/8	2,681.74
2	1,439.59	8	1,577.93	2	1,716.26	8	1,854.60	2	1,992.94	8	2,131.27	2	2,269.61	8	2,407.94	2	2,546.28	8	2,684.62
1/8	1,442.47	1/8	1,580.81	1/8	1,719.14	1/8	1,857.48	1/8	1,995.82	1/8	2,134.15	1/8	2,272.49	1/8	2,410.82	1/8	2,549.16	1/8	2,687.50
1/4	1,445.35	1/4	1,583.69	1/4	1,722.03	1/4	1,860.37	1/4	1,998.70	1/4	2,137.03	1/4	2,275.37	1/4	2,413.71	1/4	2,552.05	1/4	2,690.38
3/8	1,448.24	3/8	1,586.57	3/8	1,724.91	3/8	1,863.25	3/8	2,001.58	3/8	2,139.92	3/8	2,278.25	3/8	2,416.59	3/8	2,554.93	3/8	2,693.26
1/2	1,451.12	1/2	1,589.45	1/2	1,727.79	1/2	1,866.13	1/2	2,004.46	1/2	2,142.80	1/2	2,281.13	1/2	2,419.47	1/2	2,557.81	1/2	2,696.14
5/8	1,454.00	5/8	1,592.34	5/8	1,730.67	5/8	1,869.01	5/8	2,007.35	5/8	2,145.68	5/8	2,284.02	5/8	2,422.35	5/8	2,560.69	5/8	2,699.03
3/4	1,456.88	3/4	1,595.22	3/4	1,733.56	3/4	1,871.90	3/4	2,010.23	3/4	2,148.56	3/4	2,286.90	3/4	2,425.24	3/4	2,563.58	3/4	2,701.91
7/8	1,459.77	7/8	1,598.10	7/8	1,736.44	7/8	1,874.78	7/8	2,013.11	7/8	2,151.45	7/8	2,289.78	7/8	2,428.12	7/8	2,566.46	7/8	2,704.79
3	1,462.65	9	1,600.98	3	1,739.32	9	1,877.66	3	2,015.99	9	2,154.33	3	2,292.66	9	2,431.00	3	2,569.34	9	2,707.67
1/8	1,465.53	1/8	1,603.86	1/8	1,742.20	1/8	1,880.54	1/8	2,018.87	1/8	2,157.21	1/8	2,295.54	1/8	2,433.88	1/8	2,572.22	1/8	2,710.55
1/4	1,468.41	1/4	1,606.75	1/4	1,745.09	1/4	1,883.42	1/4	2,021.75	1/4	2,160.09	1/4	2,298.43	1/4	2,436.77	1/4	2,575.10	1/4	2,713.43
3/8	1,471.29	3/8	1,609.63	3/8	1,747.97	3/8	1,886.30	3/8	2,024.64	3/8	2,162.97	3/8	2,301.31	3/8	2,439.65	3/8	2,577.98	3/8	2,716.32
1/2	1,474.17	1/2	1,612.51	1/2	1,750.85	1/2	1,889.18	1/2	2,027.52	1/2	2,165.85	1/2	2,304.19	1/2	2,442.53	1/2	2,580.86	1/2	2,719.20
5/8	1,477.06	5/8	1,615.39	5/8	1,753.73	5/8	1,892.07	5/8	2,030.40	5/8	2,168.74	5/8	2,307.07	5/8	2,445.41	5/8	2,583.75	5/8	2,722.08
3/4	1,479.94	3/4	1,618.28	3/4	1,756.62	3/4	1,894.95	3/4	2,033.28	3/4	2,171.62	3/4	2,309.96	3/4	2,448.30	3/4	2,586.63	3/4	2,724.96
7/8	1,482.82	7/8	1,621.16	7/8	1,759.50	7/8	1,897.83	7/8	2,036.17	7/8	2,174.50	7/8	2,312.84	7/8	2,451.18	7/8	2,589.51	7/8	2,727.85
4	1,485.70	10	1,624.04	4	1,762.38	10	1,900.71	4	2,039.05	10	2,177.38	4	2,315.72	10	2,454.06	4	2,592.39	10	2,730.73
1/8	1,488.58	1/8	1,626.92	1/8	1,765.26	1/8	1,903.59	1/8	2,041.93	1/8	2,180.26	1/8	2,318.60	1/8	2,456.94	1/8	2,595.27	1/8	2,733.61
1/4	1,491.47	1/4	1,629.81	1/4	1,768.14	1/4	1,906.47	1/4	2,044.81	1/4	2,183.15	1/4	2,321.49	1/4	2,459.82	1/4	2,598.15	1/4	2,736.49
3/8	1,494.35	3/8	1,632.69	3/8	1,771.02	3/8	1,909.36	3/8	2,047.69	3/8	2,186.03	3/8	2,324.37	3/8	2,462.70	3/8	2,601.04	3/8	2,739.38
1/2	1,497.23	1/2	1,635.57	1/2	1,773.90	1/2	1,912.24	1/2	2,050.57	1/2	2,188.91	1/2	2,327.25	1/2	2,465.58	1/2	2,603.92	1/2	2,742.26
5/8	1,500.11	5/8	1,638.45	5/8	1,776.79	5/8	1,915.12	5/8	2,053.46	5/8	2,191.79	5/8	2,330.13	5/8	2,468.47	5/8	2,606.80	5/8	2,745.14
3/4	1,503.00	3/4	1,641.34	3/4	1,779.67	3/4	1,918.00	3/4	2,056.34	3/4	2,194.68	3/4	2,333.02	3/4	2,471.35	3/4	2,609.68	3/4	2,748.02
7/8	1,505.88	7/8	1,644.22	7/8	1,782.55	7/8	1,920.89	7/8	2,059.22	7/8	2,197.56	7/8	2,335.90	7/8	2,474.23	7/8	2,612.57	7/8	2,750.91
5	1,508.76	11	1,647.10	5	1,785.43	11	1,923.77	5	2,062.10	11	2,200.44	5	2,338.78	11	2,477.11	5	2,615.45	11	2,753.79
1/8	1,511.64	1/8	1,649.98	1/8	1,788.31	1/8	1,926.65	1/8	2,064.98	1/8	2,203.32	1/8	2,341.66	1/8	2,479.99	1/8	2,618.33	1/8	2,756.67
1/4	1,514.53	1/4	1,652.86	1/4	1,791.19	1/4	1,929.53	1/4	2,067.87	1/4	2,206.21	1/4	2,344.54	1/4	2,482.87	1/4	2,621.21	1/4	2,759.55
3/8	1,517.41	3/8	1,655.74	3/8	1,794.08	3/8	1,932.41	3/8	2,070.75	3/8	2,209.09	3/8	2,347.42	3/8	2,485.76	3/8	2,624.10	3/8	2,762.43
1/2	1,520.29	1/2	1,658.62	1/2	1,796.96	1/2	1,935.29	1/2	2,073.63	1/2	2,211.97	1/2	2,350.30	1/2	2,488.64	1/2	2,626.98	1/2	2,765.31
5/8	1,523.17	5/8	1,661.51	5/8	1,799.84	5/8	1,938.18	5/8	2,076.51	5/8	2,214.85	5/8	2,353.19	5/8	2,491.52	5/8	2,629.86	5/8	2,768.20
3/4	1,526.06	3/4	1,664.39	3/4	1,802.72	3/4	1,941.06	3/4	2,079.40	3/4	2,217.74	3/4	2,356.07	3/4	2,494.40	3/4	2,632.74	3/4	2,771.08
7/8	1,528.94	7/8	1,667.27	7/8	1,805.61	7/8	1,943.94	7/8	2,082.28	7/8	2,220.62	7/8	2,358.95	7/8	2,497.29	7/8	2,635.63	7/8	2,773.96

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BARGE "KIRBY 29751"

2 STBD INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,776.84	6	2,915.18	0	3,053.51	6	3,191.85	0	3,330.19	6	3,468.52	0	3,606.86	6	3,744.19	0	3,881.37	6	
1/8	2,779.72	1/8	2,918.06	1/8	3,056.39	1/8	3,194.73	1/8	3,333.07	1/8	3,471.40	1/8	3,609.74	1/8	3,747.05	1/8	3,884.07	1/8	
1/4	2,782.61	1/4	2,920.94	1/4	3,059.27	1/4	3,197.61	1/4	3,335.95	1/4	3,474.29	1/4	3,612.61	1/4	3,749.90	1/4	3,886.76	1/4	
3/8	2,785.49	3/8	2,923.82	3/8	3,062.16	3/8	3,200.50	3/8	3,338.83	3/8	3,477.17	3/8	3,615.49	3/8	3,752.76	3/8	3,889.46	3/8	
1/2	2,788.37	1/2	2,926.70	1/2	3,065.04	1/2	3,203.38	1/2	3,341.71	1/2	3,480.05	1/2	3,618.36	1/2	3,755.62	1/2	3,892.16	1/2	
5/8	2,791.25	5/8	2,929.59	5/8	3,067.92	5/8	3,206.26	5/8	3,344.60	5/8	3,482.93	5/8	3,621.24	5/8	3,758.48	5/8	3,894.86	5/8	
3/4	2,794.14	3/4	2,932.47	3/4	3,070.80	3/4	3,209.14	3/4	3,347.48	3/4	3,485.82	3/4	3,624.12	3/4	3,761.33	3/4	3,897.55	3/4	
7/8	2,797.02	7/8	2,935.35	7/8	3,073.69	7/8	3,212.03	7/8	3,350.36	7/8	3,488.70	7/8	3,626.99	7/8	3,764.19	7/8	3,900.25	7/8	
1	2,799.90	7	2,938.23	1	3,076.57	7	3,214.91	1	3,353.24	7	3,491.58	1	3,629.87	7	3,767.05	1	3,902.95	7	
1/8	2,802.78	1/8	2,941.11	1/8	3,079.45	1/8	3,217.79	1/8	3,356.12	1/8	3,494.46	1/8	3,632.73	1/8	3,769.91	1/8	3,905.29	1/8	
1/4	2,805.66	1/4	2,943.99	1/4	3,082.33	1/4	3,220.67	1/4	3,359.01	1/4	3,497.34	1/4	3,635.58	1/4	3,772.76	1/4	3,907.63	1/4	
3/8	2,808.54	3/8	2,946.88	3/8	3,085.22	3/8	3,223.55	3/8	3,361.89	3/8	3,500.22	3/8	3,638.44	3/8	3,775.62	3/8	3,909.97	3/8	
1/2	2,811.42	1/2	2,949.76	1/2	3,088.10	1/2	3,226.43	1/2	3,364.77	1/2	3,503.10	1/2	3,641.30	1/2	3,778.48	1/2	3,912.31	1/2	
5/8	2,814.31	5/8	2,952.64	5/8	3,090.98	5/8	3,229.32	5/8	3,367.65	5/8	3,505.99	5/8	3,644.16	5/8	3,781.34	5/8	3,914.65	5/8	
3/4	2,817.19	3/4	2,955.52	3/4	3,093.86	3/4	3,232.20	3/4	3,370.54	3/4	3,508.87	3/4	3,647.01	3/4	3,784.19	3/4	3,916.99	3/4	
7/8	2,820.07	7/8	2,958.41	7/8	3,096.75	7/8	3,235.08	7/8	3,373.42	7/8	3,511.75	7/8	3,649.87	7/8	3,787.05	7/8	3,919.33	7/8	
2	2,822.95	8	2,961.29	2	3,099.63	8	3,237.96	2	3,376.30	8	3,514.63	2	3,652.73	8	3,789.91	2	3,921.67	8	
1/8	2,825.83	1/8	2,964.17	1/8	3,102.51	1/8	3,240.84	1/8	3,379.18	1/8	3,517.51	1/8	3,655.59	1/8	3,792.77	1/8	3,923.59	1/8	
1/4	2,828.71	1/4	2,967.05	1/4	3,105.39	1/4	3,243.73	1/4	3,382.06	1/4	3,520.39	1/4	3,658.44	1/4	3,795.63	1/4	3,925.50	1/4	
3/8	2,831.60	3/8	2,969.94	3/8	3,108.27	3/8	3,246.61	3/8	3,384.94	3/8	3,523.28	3/8	3,661.30	3/8	3,798.49	3/8	3,927.42	3/8	
1/2	2,834.48	1/2	2,972.82	1/2	3,111.15	1/2	3,249.49	1/2	3,387.82	1/2	3,526.16	1/2	3,664.16	1/2	3,801.34	1/2	3,929.34	1/2	
5/8	2,837.36	5/8	2,975.70	5/8	3,114.04	5/8	3,252.37	5/8	3,390.71	5/8	3,529.04	5/8	3,667.02	5/8	3,804.20	5/8	3,931.26	5/8	
3/4	2,840.24	3/4	2,978.58	3/4	3,116.92	3/4	3,255.26	3/4	3,393.59	3/4	3,531.92	3/4	3,669.87	3/4	3,807.06	3/4	3,933.17	3/4	
7/8	2,843.13	7/8	2,981.47	7/8	3,119.80	7/8	3,258.14	7/8	3,396.47	7/8	3,534.81	7/8	3,672.73	7/8	3,809.92	7/8	3,935.09	7/8	
3	2,846.01	9	2,984.35	3	3,122.68	9	3,261.02	3	3,399.35	9	3,537.69	3	3,675.59	9	3,812.78	3	3,937.01	9	
1/8	2,848.89	1/8	2,987.23	1/8	3,125.56	1/8	3,263.90	1/8	3,402.23	1/8	3,540.57	1/8	3,678.45	1/8	3,815.64	1/8		1/8	
1/4	2,851.77	1/4	2,990.11	1/4	3,128.45	1/4	3,266.78	1/4	3,405.11	1/4	3,543.45	1/4	3,681.31	1/4	3,818.50	1/4		1/4	
3/8	2,854.66	3/8	2,992.99	3/8	3,131.33	3/8	3,269.66	3/8	3,408.00	3/8	3,546.34	3/8	3,684.17	3/8	3,821.35	3/8		3/8	
1/2	2,857.54	1/2	2,995.87	1/2	3,134.21	1/2	3,272.54	1/2	3,410.88	1/2	3,549.22	1/2	3,687.02	1/2	3,824.21	1/2		1/2	
5/8	2,860.42	5/8	2,998.76	5/8	3,137.09	5/8	3,275.43	5/8	3,413.76	5/8	3,552.10	5/8	3,689.88	5/8	3,827.07	5/8		5/8	
3/4	2,863.30	3/4	3,001.64	3/4	3,139.98	3/4	3,278.31	3/4	3,416.64	3/4	3,554.98	3/4	3,692.74	3/4	3,829.93	3/4		3/4	
7/8	2,866.19	7/8	3,004.52	7/8	3,142.86	7/8	3,281.19	7/8	3,419.53	7/8	3,557.87	7/8	3,695.60	7/8	3,832.78	7/8		7/8	
4	2,869.07	10	3,007.40	4	3,145.74	10	3,284.07	4	3,422.41	10	3,560.75	4	3,698.46	10	3,835.64	4		10	
1/8	2,871.95	1/8	3,010.28	1/8	3,148.62	1/8	3,286.95	1/8	3,425.29	1/8	3,563.63	1/8	3,701.32	1/8	3,838.50	1/8		1/8	
1/4	2,874.83	1/4	3,013.17	1/4	3,151.50	1/4	3,289.83	1/4	3,428.17	1/4	3,566.51	1/4	3,704.18	1/4	3,841.36	1/4		1/4	
3/8	2,877.71	3/8	3,016.05	3/8	3,154.38	3/8	3,292.72	3/8	3,431.06	3/8	3,569.39	3/8	3,707.03	3/8	3,844.22	3/8		3/8	
1/2	2,880.59	1/2	3,018.93	1/2	3,157.26	1/2	3,295.60	1/2	3,433.94	1/2	3,572.27	1/2	3,709.89	1/2	3,847.07	1/2		1/2	
5/8	2,883.48	5/8	3,021.81	5/8	3,160.15	5/8	3,298.48	5/8	3,436.82	5/8	3,575.16	5/8	3,712.75	5/8	3,849.93	5/8		5/8	
3/4	2,886.36	3/4	3,024.70	3/4	3,163.03	3/4	3,301.36	3/4	3,439.70	3/4	3,578.04	3/4	3,715.61	3/4	3,852.79	3/4		3/4	
7/8	2,889.24	7/8	3,027.58	7/8	3,165.91	7/8	3,304.25	7/8	3,442.59	7/8	3,580.92	7/8	3,718.46	7/8	3,855.65	7/8		7/8	
5	2,892.12	11	3,030.46	5	3,168.79	11	3,307.13	5	3,445.47	11	3,583.80	5	3,721.32	11	3,858.51	5		11	
1/8	2,895.00	1/8	3,033.34	1/8	3,171.67	1/8	3,310.01	1/8	3,448.35	1/8	3,586.68	1/8	3,724.18	1/8	3,861.37	1/8		1/8	
1/4	2,897.89	1/4	3,036.22	1/4	3,174.55	1/4	3,312.89	1/4	3,451.23	1/4	3,589.57	1/4	3,727.04	1/4	3,864.22	1/4		1/4	
3/8	2,900.77	3/8	3,039.10	3/8	3,177.44	3/8	3,315.78	3/8	3,454.11	3/8	3,592.45	3/8	3,729.90	3/8	3,867.08	3/8		3/8	
1/2	2,903.65	1/2	3,041.98	1/2	3,180.32	1/2	3,318.66	1/2	3,456.99	1/2	3,595.33	1/2	3,732.75	1/2	3,869.94	1/2		1/2	
5/8	2,906.53	5/8	3,044.87	5/8	3,183.20	5/8	3,321.54	5/8	3,459.88	5/8	3,598.21	5/8	3,735.61	5/8	3,872.80	5/8		5/8	
3/4	2,909.42	3/4	3,047.75	3/4	3,186.08	3/4	3,324.42	3/4	3,462.76	3/4	3,601.10	3/4	3,738.47	3/4	3,875.65	3/4		3/4	
7/8	2,912.30	7/8	3,050.63	7/8	3,188.97	7/8	3,327.31	7/8	3,465.64	7/8	3,603.98	7/8	3,741.33	7/8	3,878.51	7/8		7/8	

STRAPPED: 01/04/2008
RECALCULATED: 06/13/2012 SW
REPRINTED: 07/18/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "KIRBY 29751"

3 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	*18.04	6	149.82	0	287.10	6	425.08	0	563.34	6	701.61	0	839.87	6	978.13	0	1,116.40	6	1,254.66
1/8	20.25	1/8	152.68	1/8	289.96	1/8	427.96	1/8	566.22	1/8	704.49	1/8	842.75	1/8	981.01	1/8	1,119.28	1/8	1,257.54
1/4	22.46	1/4	155.54	1/4	292.82	1/4	430.84	1/4	569.10	1/4	707.37	1/4	845.63	1/4	983.89	1/4	1,122.16	1/4	1,260.42
3/8	24.67	3/8	158.40	3/8	295.68	3/8	433.72	3/8	571.98	3/8	710.25	3/8	848.51	3/8	986.77	3/8	1,125.04	3/8	1,263.30
1/2	26.88	1/2	161.26	1/2	298.54	1/2	436.60	1/2	574.86	1/2	713.13	1/2	851.39	1/2	989.65	1/2	1,127.92	1/2	1,266.18
5/8	29.09	5/8	164.12	5/8	301.40	5/8	439.48	5/8	577.75	5/8	716.01	5/8	854.27	5/8	992.54	5/8	1,130.80	5/8	1,269.07
3/4	31.30	3/4	166.98	3/4	304.26	3/4	442.36	3/4	580.63	3/4	718.89	3/4	857.15	3/4	995.42	3/4	1,133.68	3/4	1,271.95
7/8	33.51	7/8	169.84	7/8	307.12	7/8	445.24	7/8	583.51	7/8	721.77	7/8	860.03	7/8	998.30	7/8	1,136.56	7/8	1,274.83
1	35.72	7	172.70	1	309.98	7	448.12	1	586.39	7	724.65	1	862.91	7	1,001.18	1	1,139.44	7	1,277.71
1/8	38.54	1/8	175.56	1/8	312.85	1/8	451.00	1/8	589.27	1/8	727.53	1/8	865.79	1/8	1,004.06	1/8	1,142.32	1/8	1,280.59
1/4	41.37	1/4	178.42	1/4	315.71	1/4	453.88	1/4	592.15	1/4	730.41	1/4	868.67	1/4	1,006.94	1/4	1,145.20	1/4	1,283.47
3/8	44.19	3/8	181.28	3/8	318.58	3/8	456.76	3/8	595.03	3/8	733.29	3/8	871.55	3/8	1,009.82	3/8	1,148.08	3/8	1,286.35
1/2	47.01	1/2	184.14	1/2	321.44	1/2	459.64	1/2	597.91	1/2	736.17	1/2	874.43	1/2	1,012.70	1/2	1,150.96	1/2	1,289.23
5/8	49.83	5/8	187.00	5/8	324.31	5/8	462.53	5/8	600.79	5/8	739.05	5/8	877.32	5/8	1,015.58	5/8	1,153.85	5/8	1,292.11
3/4	52.66	3/4	189.86	3/4	327.17	3/4	465.41	3/4	603.67	3/4	741.93	3/4	880.20	3/4	1,018.46	3/4	1,156.73	3/4	1,294.99
7/8	55.48	7/8	192.72	7/8	330.04	7/8	468.29	7/8	606.55	7/8	744.81	7/8	883.08	7/8	1,021.34	7/8	1,159.61	7/8	1,297.87
2	58.30	8	195.58	2	332.90	8	471.17	2	609.43	8	747.69	2	885.96	8	1,024.22	2	1,162.49	8	1,300.75
1/8	61.16	1/8	198.44	1/8	335.78	1/8	474.05	1/8	612.31	1/8	750.57	1/8	888.84	1/8	1,027.10	1/8	1,165.37	1/8	1,303.63
1/4	64.02	1/4	201.30	1/4	338.66	1/4	476.93	1/4	615.19	1/4	753.45	1/4	891.72	1/4	1,029.98	1/4	1,168.25	1/4	1,306.51
3/8	66.88	3/8	204.16	3/8	341.54	3/8	479.81	3/8	618.07	3/8	756.33	3/8	894.60	3/8	1,032.86	3/8	1,171.13	3/8	1,309.39
1/2	69.74	1/2	207.02	1/2	344.42	1/2	482.69	1/2	620.95	1/2	759.21	1/2	897.48	1/2	1,035.74	1/2	1,174.01	1/2	1,312.27
5/8	72.60	5/8	209.88	5/8	347.31	5/8	485.57	5/8	623.83	5/8	762.10	5/8	900.36	5/8	1,038.63	5/8	1,176.89	5/8	1,315.15
3/4	75.46	3/4	212.74	3/4	350.19	3/4	488.45	3/4	626.71	3/4	764.98	3/4	903.24	3/4	1,041.51	3/4	1,179.77	3/4	1,318.03
7/8	78.32	7/8	215.60	7/8	353.07	7/8	491.33	7/8	629.59	7/8	767.86	7/8	906.12	7/8	1,044.39	7/8	1,182.65	7/8	1,320.91
3	81.18	9	218.46	3	355.95	9	494.21	3	632.47	9	770.74	3	909.00	9	1,047.27	3	1,185.53	9	1,323.79
1/8	84.04	1/8	221.32	1/8	358.83	1/8	497.09	1/8	635.35	1/8	773.62	1/8	911.88	1/8	1,050.15	1/8	1,188.41	1/8	1,326.67
1/4	86.90	1/4	224.18	1/4	361.71	1/4	499.97	1/4	638.23	1/4	776.50	1/4	914.76	1/4	1,053.03	1/4	1,191.29	1/4	1,329.55
3/8	89.76	3/8	227.04	3/8	364.59	3/8	502.85	3/8	641.11	3/8	779.38	3/8	917.64	3/8	1,055.91	3/8	1,194.17	3/8	1,332.43
1/2	92.62	1/2	229.90	1/2	367.47	1/2	505.73	1/2	643.99	1/2	782.26	1/2	920.52	1/2	1,058.79	1/2	1,197.05	1/2	1,335.31
5/8	95.48	5/8	232.76	5/8	370.35	5/8	508.61	5/8	646.88	5/8	785.14	5/8	923.41	5/8	1,061.67	5/8	1,199.93	5/8	1,338.20
3/4	98.34	3/4	235.62	3/4	373.23	3/4	511.49	3/4	649.76	3/4	788.02	3/4	926.29	3/4	1,064.55	3/4	1,202.81	3/4	1,341.08
7/8	101.20	7/8	238.48	7/8	376.11	7/8	514.37	7/8	652.64	7/8	790.90	7/8	929.17	7/8	1,067.43	7/8	1,205.69	7/8	1,343.96
4	104.06	10	241.34	4	378.99	10	517.25	4	655.52	10	793.78	4	932.05	10	1,070.31	4	1,208.57	10	1,346.84
1/8	106.92	1/8	244.20	1/8	381.87	1/8	520.13	1/8	658.40	1/8	796.66	1/8	934.93	1/8	1,073.19	1/8	1,211.45	1/8	1,349.72
1/4	109.78	1/4	247.06	1/4	384.75	1/4	523.01	1/4	661.28	1/4	799.54	1/4	937.81	1/4	1,076.07	1/4	1,214.33	1/4	1,352.60
3/8	112.64	3/8	249.92	3/8	387.63	3/8	525.89	3/8	664.16	3/8	802.42	3/8	940.69	3/8	1,078.95	3/8	1,217.21	3/8	1,355.48
1/2	115.50	1/2	252.78	1/2	390.51	1/2	528.77	1/2	667.04	1/2	805.30	1/2	943.57	1/2	1,081.83	1/2	1,220.09	1/2	1,358.36
5/8	118.36	5/8	255.64	5/8	393.39	5/8	531.66	5/8	669.92	5/8	808.19	5/8	946.45	5/8	1,084.71	5/8	1,222.98	5/8	1,361.24
3/4	121.22	3/4	258.50	3/4	396.27	3/4	534.54	3/4	672.80	3/4	811.07	3/4	949.33	3/4	1,087.59	3/4	1,225.86	3/4	1,364.12
7/8	124.08	7/8	261.36	7/8	399.15	7/8	537.42	7/8	675.68	7/8	813.95	7/8	952.21	7/8	1,090.47	7/8	1,228.74	7/8	1,367.00
5	126.94	11	264.22	5	402.03	11	540.30	5	678.56	11	816.83	5	955.09	11	1,093.35	5	1,231.62	11	1,369.88
1/8	129.80	1/8	267.08	1/8	404.91	1/8	543.18	1/8	681.44	1/8	819.71	1/8	957.97	1/8	1,096.23	1/8	1,234.50	1/8	1,372.76
1/4	132.66	1/4	269.94	1/4	407.79	1/4	546.06	1/4	684.32	1/4	822.59	1/4	960.85	1/4	1,099.11	1/4	1,237.38	1/4	1,375.64
3/8	135.52	3/8	272.80	3/8	410.67	3/8	548.94	3/8	687.20	3/8	825.47	3/8	963.73	3/8	1,101.99	3/8	1,240.26	3/8	1,378.52
1/2	138.38	1/2	275.66	1/2	413.55	1/2	551.82	1/2	690.08	1/2	828.35	1/2	966.61	1/2	1,104.87	1/2	1,243.14	1/2	1,381.40
5/8	141.24	5/8	278.52	5/8	416.44	5/8	554.70	5/8	692.97	5/8	831.23	5/8	969.49	5/8	1,107.76	5/8	1,246.02	5/8	1,384.29
3/4	144.10	3/4	281.38	3/4	419.32	3/4	557.58	3/4	695.85	3/4	834.11	3/4	972.37	3/4	1,110.64	3/4	1,248.90	3/4	1,387.17
7/8	146.96	7/8	284.24	7/8	422.20	7/8	560.46	7/8	698.73	7/8	836.99	7/8	975.25	7/8	1,113.52	7/8	1,251.78	7/8	1,390.05

* CAPACITY BELOW STRIKE POINT.

BARGE SHOULD BE ON EVEN KEEL WHEN GAUGES ARE TAKEN

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 2" DIAMETER STANDPIPE.

GAUGE POINT: (2" STANDPIPE) LOCATED 12'-00" OFF CENTERLINE AND 33'-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 29751"

3 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-08 1/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,392.93	6	1,531.19	0	1,669.45	6	1,807.72	0	1,945.98	6	2,084.25	0	2,222.51	6	2,360.77	0	2,499.04	6	2,637.30
1/8	1,395.81	1/8	1,534.07	1/8	1,672.33	1/8	1,810.60	1/8	1,948.86	1/8	2,087.13	1/8	2,225.39	1/8	2,363.65	1/8	2,501.92	1/8	2,640.18
1/4	1,398.69	1/4	1,536.95	1/4	1,675.21	1/4	1,813.48	1/4	1,951.74	1/4	2,090.01	1/4	2,228.27	1/4	2,366.53	1/4	2,504.80	1/4	2,643.06
3/8	1,401.57	3/8	1,539.83	3/8	1,678.09	3/8	1,816.36	3/8	1,954.62	3/8	2,092.89	3/8	2,231.15	3/8	2,369.41	3/8	2,507.68	3/8	2,645.94
1/2	1,404.45	1/2	1,542.71	1/2	1,680.97	1/2	1,819.24	1/2	1,957.50	1/2	2,095.77	1/2	2,234.03	1/2	2,372.29	1/2	2,510.56	1/2	2,648.82
5/8	1,407.33	5/8	1,545.59	5/8	1,683.86	5/8	1,822.12	5/8	1,960.39	5/8	2,098.65	5/8	2,236.91	5/8	2,375.18	5/8	2,513.44	5/8	2,651.71
3/4	1,410.21	3/4	1,548.47	3/4	1,686.74	3/4	1,825.00	3/4	1,963.27	3/4	2,101.53	3/4	2,239.79	3/4	2,378.06	3/4	2,516.32	3/4	2,654.59
7/8	1,413.09	7/8	1,551.35	7/8	1,689.62	7/8	1,827.88	7/8	1,966.15	7/8	2,104.41	7/8	2,242.67	7/8	2,380.94	7/8	2,519.20	7/8	2,657.47
1	1,415.97	7	1,554.23	1	1,692.50	7	1,830.76	1	1,969.03	7	2,107.29	1	2,245.55	7	2,383.82	1	2,522.08	7	2,660.35
1/8	1,418.85	1/8	1,557.11	1/8	1,695.38	1/8	1,833.64	1/8	1,971.91	1/8	2,110.17	1/8	2,248.43	1/8	2,386.70	1/8	2,524.96	1/8	2,663.23
1/4	1,421.73	1/4	1,559.99	1/4	1,698.26	1/4	1,836.52	1/4	1,974.79	1/4	2,113.05	1/4	2,251.31	1/4	2,389.58	1/4	2,527.84	1/4	2,666.11
3/8	1,424.61	3/8	1,562.87	3/8	1,701.14	3/8	1,839.40	3/8	1,977.67	3/8	2,115.93	3/8	2,254.19	3/8	2,392.46	3/8	2,530.72	3/8	2,668.99
1/2	1,427.49	1/2	1,565.75	1/2	1,704.02	1/2	1,842.28	1/2	1,980.55	1/2	2,118.81	1/2	2,257.07	1/2	2,395.34	1/2	2,533.60	1/2	2,671.87
5/8	1,430.37	5/8	1,568.64	5/8	1,706.90	5/8	1,845.17	5/8	1,983.43	5/8	2,121.69	5/8	2,259.96	5/8	2,398.22	5/8	2,536.49	5/8	2,674.75
3/4	1,433.25	3/4	1,571.52	3/4	1,709.78	3/4	1,848.05	3/4	1,986.31	3/4	2,124.57	3/4	2,262.84	3/4	2,401.10	3/4	2,539.37	3/4	2,677.63
7/8	1,436.13	7/8	1,574.40	7/8	1,712.66	7/8	1,850.93	7/8	1,989.19	7/8	2,127.45	7/8	2,265.72	7/8	2,403.98	7/8	2,542.25	7/8	2,680.51
2	1,439.01	8	1,577.28	2	1,715.54	8	1,853.81	2	1,992.07	8	2,130.33	2	2,268.60	8	2,406.86	2	2,545.13	8	2,683.39
1/8	1,441.89	1/8	1,580.16	1/8	1,718.42	1/8	1,856.69	1/8	1,994.95	1/8	2,133.21	1/8	2,271.48	1/8	2,409.74	1/8	2,548.01	1/8	2,686.27
1/4	1,444.77	1/4	1,583.04	1/4	1,721.30	1/4	1,859.57	1/4	1,997.83	1/4	2,136.09	1/4	2,274.36	1/4	2,412.62	1/4	2,550.89	1/4	2,689.15
3/8	1,447.65	3/8	1,585.92	3/8	1,724.18	3/8	1,862.45	3/8	2,000.71	3/8	2,138.97	3/8	2,277.24	3/8	2,415.50	3/8	2,553.77	3/8	2,692.03
1/2	1,450.53	1/2	1,588.80	1/2	1,727.06	1/2	1,865.33	1/2	2,003.59	1/2	2,141.85	1/2	2,280.12	1/2	2,418.38	1/2	2,556.65	1/2	2,694.91
5/8	1,453.42	5/8	1,591.68	5/8	1,729.95	5/8	1,868.21	5/8	2,006.47	5/8	2,144.74	5/8	2,283.00	5/8	2,421.27	5/8	2,559.53	5/8	2,697.79
3/4	1,456.30	3/4	1,594.56	3/4	1,732.83	3/4	1,871.09	3/4	2,009.35	3/4	2,147.62	3/4	2,285.88	3/4	2,424.15	3/4	2,562.41	3/4	2,700.67
7/8	1,459.18	7/8	1,597.44	7/8	1,735.71	7/8	1,873.97	7/8	2,012.23	7/8	2,150.50	7/8	2,288.76	7/8	2,427.03	7/8	2,565.29	7/8	2,703.55
3	1,462.06	9	1,600.32	3	1,738.59	9	1,876.85	3	2,015.11	9	2,153.38	3	2,291.64	9	2,429.91	3	2,568.17	9	2,706.43
1/8	1,464.94	1/8	1,603.20	1/8	1,741.47	1/8	1,879.73	1/8	2,017.99	1/8	2,156.26	1/8	2,294.52	1/8	2,432.79	1/8	2,571.05	1/8	2,709.31
1/4	1,467.82	1/4	1,606.08	1/4	1,744.35	1/4	1,882.61	1/4	2,020.87	1/4	2,159.14	1/4	2,297.40	1/4	2,435.67	1/4	2,573.93	1/4	2,712.19
3/8	1,470.70	3/8	1,608.96	3/8	1,747.23	3/8	1,885.49	3/8	2,023.75	3/8	2,162.02	3/8	2,300.28	3/8	2,438.55	3/8	2,576.81	3/8	2,715.07
1/2	1,473.58	1/2	1,611.84	1/2	1,750.11	1/2	1,888.37	1/2	2,026.63	1/2	2,164.90	1/2	2,303.16	1/2	2,441.43	1/2	2,579.69	1/2	2,717.95
5/8	1,476.46	5/8	1,614.73	5/8	1,752.99	5/8	1,891.25	5/8	2,029.52	5/8	2,167.78	5/8	2,306.05	5/8	2,444.31	5/8	2,582.57	5/8	2,720.84
3/4	1,479.34	3/4	1,617.61	3/4	1,755.87	3/4	1,894.13	3/4	2,032.40	3/4	2,170.66	3/4	2,308.93	3/4	2,447.19	3/4	2,585.45	3/4	2,723.72
7/8	1,482.22	7/8	1,620.49	7/8	1,758.75	7/8	1,897.01	7/8	2,035.28	7/8	2,173.54	7/8	2,311.81	7/8	2,450.07	7/8	2,588.33	7/8	2,726.60
4	1,485.10	10	1,623.37	4	1,761.63	10	1,899.89	4	2,038.16	10	2,176.42	4	2,314.69	10	2,452.95	4	2,591.21	10	2,729.48
1/8	1,487.98	1/8	1,626.25	1/8	1,764.51	1/8	1,902.77	1/8	2,041.04	1/8	2,179.30	1/8	2,317.57	1/8	2,455.83	1/8	2,594.09	1/8	2,732.36
1/4	1,490.86	1/4	1,629.13	1/4	1,767.39	1/4	1,905.65	1/4	2,043.92	1/4	2,182.18	1/4	2,320.45	1/4	2,458.71	1/4	2,596.97	1/4	2,735.24
3/8	1,493.74	3/8	1,632.01	3/8	1,770.27	3/8	1,908.53	3/8	2,046.80	3/8	2,185.06	3/8	2,323.33	3/8	2,461.59	3/8	2,599.85	3/8	2,738.12
1/2	1,496.62	1/2	1,634.89	1/2	1,773.15	1/2	1,911.41	1/2	2,049.68	1/2	2,187.94	1/2	2,326.21	1/2	2,464.47	1/2	2,602.73	1/2	2,741.00
5/8	1,499.51	5/8	1,637.77	5/8	1,776.03	5/8	1,914.30	5/8	2,052.56	5/8	2,190.83	5/8	2,329.09	5/8	2,467.35	5/8	2,605.62	5/8	2,743.88
3/4	1,502.39	3/4	1,640.65	3/4	1,778.91	3/4	1,917.18	3/4	2,055.44	3/4	2,193.71	3/4	2,331.97	3/4	2,470.23	3/4	2,608.50	3/4	2,746.76
7/8	1,505.27	7/8	1,643.53	7/8	1,781.79	7/8	1,920.06	7/8	2,058.32	7/8	2,196.59	7/8	2,334.85	7/8	2,473.11	7/8	2,611.38	7/8	2,749.64
5	1,508.15	11	1,646.41	5	1,784.67	11	1,922.94	5	2,061.20	11	2,199.47	5	2,337.73	11	2,475.99	5	2,614.26	11	2,752.52
1/8	1,511.03	1/8	1,649.29	1/8	1,787.55	1/8	1,925.82	1/8	2,064.08	1/8	2,202.35	1/8	2,340.61	1/8	2,478.87	1/8	2,617.14	1/8	2,755.40
1/4	1,513.91	1/4	1,652.17	1/4	1,790.43	1/4	1,928.70	1/4	2,066.96	1/4	2,205.23	1/4	2,343.49	1/4	2,481.75	1/4	2,620.02	1/4	2,758.28
3/8	1,516.79	3/8	1,655.05	3/8	1,793.31	3/8	1,931.58	3/8	2,069.84	3/8	2,208.11	3/8	2,346.37	3/8	2,484.63	3/8	2,622.90	3/8	2,761.16
1/2	1,519.67	1/2	1,657.93	1/2	1,796.19	1/2	1,934.46	1/2	2,072.72	1/2	2,210.99	1/2	2,349.25	1/2	2,487.51	1/2	2,625.78	1/2	2,764.04
5/8	1,522.55	5/8	1,660.81	5/8	1,799.08	5/8	1,937.34	5/8	2,075.61	5/8	2,213.87	5/8	2,352.13	5/8	2,490.40	5/8	2,628.66	5/8	2,766.93
3/4	1,525.43	3/4	1,663.69	3/4	1,801.96	3/4	1,940.22	3/4	2,078.49	3/4	2,216.75	3/4	2,355.01	3/4	2,493.28	3/4	2,631.54	3/4	2,769.81
7/8	1,528.31	7/8	1,666.57	7/8	1,804.84	7/8	1,943.10	7/8	2,081.37	7/8	2,219.63	7/8	2,357.89	7/8	2,496.16	7/8	2,634.42	7/8	2,772.69

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BARGE "KIRBY 29751"

3 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,775.57	6	2,913.83	0	3,052.09	6	3,190.36	0	3,328.62	6	3,466.89	0	3,605.15	6	3,742.47	0	3,879.65	6	
1/8	2,778.45	1/8	2,916.71	1/8	3,054.97	1/8	3,193.24	1/8	3,331.50	1/8	3,469.77	1/8	3,608.02	1/8	3,745.33	1/8	3,882.35	1/8	
1/4	2,781.33	1/4	2,919.59	1/4	3,057.85	1/4	3,196.12	1/4	3,334.38	1/4	3,472.65	1/4	3,610.90	1/4	3,748.18	1/4	3,885.05	1/4	
3/8	2,784.21	3/8	2,922.47	3/8	3,060.73	3/8	3,199.00	3/8	3,337.26	3/8	3,475.53	3/8	3,613.77	3/8	3,751.04	3/8	3,887.75	3/8	
1/2	2,787.09	1/2	2,925.35	1/2	3,063.61	1/2	3,201.88	1/2	3,340.14	1/2	3,478.41	1/2	3,616.65	1/2	3,753.90	1/2	3,890.44	1/2	
5/8	2,789.97	5/8	2,928.23	5/8	3,066.50	5/8	3,204.76	5/8	3,343.03	5/8	3,481.29	5/8	3,619.52	5/8	3,756.76	5/8	3,893.14	5/8	
3/4	2,792.85	3/4	2,931.11	3/4	3,069.38	3/4	3,207.64	3/4	3,345.91	3/4	3,484.17	3/4	3,622.40	3/4	3,759.61	3/4	3,895.84	3/4	
7/8	2,795.73	7/8	2,933.99	7/8	3,072.26	7/8	3,210.52	7/8	3,348.79	7/8	3,487.05	7/8	3,625.27	7/8	3,762.47	7/8	3,898.54	7/8	
1	2,798.61	7	2,936.87	1	3,075.14	7	3,213.40	1	3,351.67	7	3,489.93	1	3,628.15	7	3,765.33	1	3,901.24	7	
1/8	2,801.49	1/8	2,939.75	1/8	3,078.02	1/8	3,216.28	1/8	3,354.55	1/8	3,492.81	1/8	3,631.01	1/8	3,768.19	1/8	3,903.58	1/8	
1/4	2,804.37	1/4	2,942.63	1/4	3,080.90	1/4	3,219.16	1/4	3,357.43	1/4	3,495.69	1/4	3,633.86	1/4	3,771.05	1/4	3,905.92	1/4	
3/8	2,807.25	3/8	2,945.51	3/8	3,083.78	3/8	3,222.04	3/8	3,360.31	3/8	3,498.57	3/8	3,636.72	3/8	3,773.91	3/8	3,908.26	3/8	
1/2	2,810.13	1/2	2,948.39	1/2	3,086.66	1/2	3,224.92	1/2	3,363.19	1/2	3,501.45	1/2	3,639.58	1/2	3,776.76	1/2	3,910.59	1/2	
5/8	2,813.01	5/8	2,951.28	5/8	3,089.54	5/8	3,227.81	5/8	3,366.07	5/8	3,504.33	5/8	3,642.44	5/8	3,779.62	5/8	3,912.93	5/8	
3/4	2,815.89	3/4	2,954.16	3/4	3,092.42	3/4	3,230.69	3/4	3,368.95	3/4	3,507.21	3/4	3,645.29	3/4	3,782.48	3/4	3,915.27	3/4	
7/8	2,818.77	7/8	2,957.04	7/8	3,095.30	7/8	3,233.57	7/8	3,371.83	7/8	3,510.09	7/8	3,648.15	7/8	3,785.34	7/8	3,917.61	7/8	
2	2,821.65	8	2,959.92	2	3,098.18	8	3,236.45	2	3,374.71	8	3,512.97	2	3,651.01	8	3,788.20	2	3,919.95	8	
1/8	2,824.53	1/8	2,962.80	1/8	3,101.06	1/8	3,239.33	1/8	3,377.59	1/8	3,515.85	1/8	3,653.87	1/8	3,791.06	1/8	3,921.87	1/8	
1/4	2,827.41	1/4	2,965.68	1/4	3,103.94	1/4	3,242.21	1/4	3,380.47	1/4	3,518.73	1/4	3,656.73	1/4	3,793.92	1/4	3,923.78	1/4	
3/8	2,830.29	3/8	2,968.56	3/8	3,106.82	3/8	3,245.09	3/8	3,383.35	3/8	3,521.61	3/8	3,659.59	3/8	3,796.77	3/8	3,925.70	3/8	
1/2	2,833.17	1/2	2,971.44	1/2	3,109.70	1/2	3,247.97	1/2	3,386.23	1/2	3,524.49	1/2	3,662.44	1/2	3,799.63	1/2	3,927.62	1/2	
5/8	2,836.06	5/8	2,974.32	5/8	3,112.59	5/8	3,250.85	5/8	3,389.11	5/8	3,527.38	5/8	3,665.30	5/8	3,802.49	5/8	3,929.54	5/8	
3/4	2,838.94	3/4	2,977.20	3/4	3,115.47	3/4	3,253.73	3/4	3,391.99	3/4	3,530.26	3/4	3,668.16	3/4	3,805.35	3/4	3,931.45	3/4	
7/8	2,841.82	7/8	2,980.08	7/8	3,118.35	7/8	3,256.61	7/8	3,394.87	7/8	3,533.14	7/8	3,671.02	7/8	3,808.20	7/8	3,933.37	7/8	
3	2,844.70	9	2,982.96	3	3,121.23	9	3,259.49	3	3,397.75	9	3,536.02	3	3,673.88	9	3,811.06	3	3,935.29	9	
1/8	2,847.58	1/8	2,985.84	1/8	3,124.11	1/8	3,262.37	1/8	3,400.63	1/8	3,538.90	1/8	3,676.74	1/8	3,813.92	1/8		1/8	
1/4	2,850.46	1/4	2,988.72	1/4	3,126.99	1/4	3,265.25	1/4	3,403.51	1/4	3,541.78	1/4	3,679.60	1/4	3,816.78	1/4		1/4	
3/8	2,853.34	3/8	2,991.60	3/8	3,129.87	3/8	3,268.13	3/8	3,406.39	3/8	3,544.66	3/8	3,682.45	3/8	3,819.63	3/8		3/8	
1/2	2,856.22	1/2	2,994.48	1/2	3,132.75	1/2	3,271.01	1/2	3,409.27	1/2	3,547.54	1/2	3,685.31	1/2	3,822.49	1/2		1/2	
5/8	2,859.10	5/8	2,997.37	5/8	3,135.63	5/8	3,273.89	5/8	3,412.16	5/8	3,550.42	5/8	3,688.17	5/8	3,825.35	5/8		5/8	
3/4	2,861.98	3/4	3,000.25	3/4	3,138.51	3/4	3,276.77	3/4	3,415.04	3/4	3,553.30	3/4	3,691.03	3/4	3,828.21	3/4		3/4	
7/8	2,864.86	7/8	3,003.13	7/8	3,141.39	7/8	3,279.65	7/8	3,417.92	7/8	3,556.18	7/8	3,693.88	7/8	3,831.06	7/8		7/8	
4	2,867.74	10	3,006.01	4	3,144.27	10	3,282.53	4	3,420.80	10	3,559.06	4	3,696.74	10	3,833.92	4		10	
1/8	2,870.62	1/8	3,008.89	1/8	3,147.15	1/8	3,285.41	1/8	3,423.68	1/8	3,561.94	1/8	3,699.60	1/8	3,836.78	1/8		1/8	
1/4	2,873.50	1/4	3,011.77	1/4	3,150.03	1/4	3,288.29	1/4	3,426.56	1/4	3,564.82	1/4	3,702.46	1/4	3,839.64	1/4		1/4	
3/8	2,876.38	3/8	3,014.65	3/8	3,152.91	3/8	3,291.17	3/8	3,429.44	3/8	3,567.70	3/8	3,705.31	3/8	3,842.50	3/8		3/8	
1/2	2,879.26	1/2	3,017.53	1/2	3,155.79	1/2	3,294.05	1/2	3,432.32	1/2	3,570.58	1/2	3,708.17	1/2	3,845.35	1/2		1/2	
5/8	2,882.15	5/8	3,020.41	5/8	3,158.67	5/8	3,296.94	5/8	3,435.20	5/8	3,573.47	5/8	3,711.03	5/8	3,848.21	5/8		5/8	
3/4	2,885.03	3/4	3,023.29	3/4	3,161.55	3/4	3,299.82	3/4	3,438.08	3/4	3,576.35	3/4	3,713.89	3/4	3,851.07	3/4		3/4	
7/8	2,887.91	7/8	3,026.17	7/8	3,164.43	7/8	3,302.70	7/8	3,440.96	7/8	3,579.23	7/8	3,716.74	7/8	3,853.93	7/8		7/8	
5	2,890.79	11	3,029.05	5	3,167.31	11	3,305.58	5	3,443.84	11	3,582.11	5	3,719.60	11	3,856.79	5		11	
1/8	2,893.67	1/8	3,031.93	1/8	3,170.19	1/8	3,308.46	1/8	3,446.72	1/8	3,584.99	1/8	3,722.46	1/8	3,859.65	1/8		1/8	
1/4	2,896.55	1/4	3,034.81	1/4	3,173.07	1/4	3,311.34	1/4	3,449.60	1/4	3,587.87	1/4	3,725.32	1/4	3,862.50	1/4		1/4	
3/8	2,899.43	3/8	3,037.69	3/8	3,175.95	3/8	3,314.22	3/8	3,452.48	3/8	3,590.75	3/8	3,728.18	3/8	3,865.36	3/8		3/8	
1/2	2,902.31	1/2	3,040.57	1/2	3,178.83	1/2	3,317.10	1/2	3,455.36	1/2	3,593.63	1/2	3,731.03	1/2	3,868.22	1/2		1/2	
5/8	2,905.19	5/8	3,043.45	5/8	3,181.72	5/8	3,319.98	5/8	3,458.25	5/8	3,596.51	5/8	3,733.89	5/8	3,871.08	5/8		5/8	
3/4	2,908.07	3/4	3,046.33	3/4	3,184.60	3/4	3,322.86	3/4	3,461.13	3/4	3,599.39	3/4	3,736.75	3/4	3,873.93	3/4		3/4	
7/8	2,910.95	7/8	3,049.21	7/8	3,187.48	7/8	3,325.74	7/8	3,464.01	7/8	3,602.27	7/8	3,739.61	7/8	3,876.79	7/8		7/8	

STRAPPED: 01/04/2008
RECALCULATED: 06/13/2012 SW
REPRINTED: 07/18/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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 29751"

3 STBD INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	*18.04	6	149.82	0	287.10	6	425.08	0	563.34	6	701.61	0	839.87	6	978.13	0	1,116.40	6	1,254.66
1/8	20.25	1/8	152.68	1/8	289.96	1/8	427.96	1/8	566.22	1/8	704.49	1/8	842.75	1/8	981.01	1/8	1,119.28	1/8	1,257.54
1/4	22.46	1/4	155.54	1/4	292.82	1/4	430.84	1/4	569.10	1/4	707.37	1/4	845.63	1/4	983.89	1/4	1,122.16	1/4	1,260.42
3/8	24.67	3/8	158.40	3/8	295.68	3/8	433.72	3/8	571.98	3/8	710.25	3/8	848.51	3/8	986.77	3/8	1,125.04	3/8	1,263.30
1/2	26.88	1/2	161.26	1/2	298.54	1/2	436.60	1/2	574.86	1/2	713.13	1/2	851.39	1/2	989.65	1/2	1,127.92	1/2	1,266.18
5/8	29.09	5/8	164.12	5/8	301.40	5/8	439.48	5/8	577.75	5/8	716.01	5/8	854.27	5/8	992.54	5/8	1,130.80	5/8	1,269.07
3/4	31.30	3/4	166.98	3/4	304.26	3/4	442.36	3/4	580.63	3/4	718.89	3/4	857.15	3/4	995.42	3/4	1,133.68	3/4	1,271.95
7/8	33.51	7/8	169.84	7/8	307.12	7/8	445.24	7/8	583.51	7/8	721.77	7/8	860.03	7/8	998.30	7/8	1,136.56	7/8	1,274.83
1	35.72	7	172.70	1	309.98	7	448.12	1	586.39	7	724.65	1	862.91	7	1,001.18	1	1,139.44	7	1,277.71
1/8	38.54	1/8	175.56	1/8	312.85	1/8	451.00	1/8	589.27	1/8	727.53	1/8	865.79	1/8	1,004.06	1/8	1,142.32	1/8	1,280.59
1/4	41.37	1/4	178.42	1/4	315.71	1/4	453.88	1/4	592.15	1/4	730.41	1/4	868.67	1/4	1,006.94	1/4	1,145.20	1/4	1,283.47
3/8	44.19	3/8	181.28	3/8	318.58	3/8	456.76	3/8	595.03	3/8	733.29	3/8	871.55	3/8	1,009.82	3/8	1,148.08	3/8	1,286.35
1/2	47.01	1/2	184.14	1/2	321.44	1/2	459.64	1/2	597.91	1/2	736.17	1/2	874.43	1/2	1,012.70	1/2	1,150.96	1/2	1,289.23
5/8	49.83	5/8	187.00	5/8	324.31	5/8	462.53	5/8	600.79	5/8	739.05	5/8	877.32	5/8	1,015.58	5/8	1,153.85	5/8	1,292.11
3/4	52.66	3/4	189.86	3/4	327.17	3/4	465.41	3/4	603.67	3/4	741.93	3/4	880.20	3/4	1,018.46	3/4	1,156.73	3/4	1,294.99
7/8	55.48	7/8	192.72	7/8	330.04	7/8	468.29	7/8	606.55	7/8	744.81	7/8	883.08	7/8	1,021.34	7/8	1,159.61	7/8	1,297.87
2	58.30	8	195.58	2	332.90	8	471.17	2	609.43	8	747.69	2	885.96	8	1,024.22	2	1,162.49	8	1,300.75
1/8	61.16	1/8	198.44	1/8	335.78	1/8	474.05	1/8	612.31	1/8	750.57	1/8	888.84	1/8	1,027.10	1/8	1,165.37	1/8	1,303.63
1/4	64.02	1/4	201.30	1/4	338.66	1/4	476.93	1/4	615.19	1/4	753.45	1/4	891.72	1/4	1,029.98	1/4	1,168.25	1/4	1,306.51
3/8	66.88	3/8	204.16	3/8	341.54	3/8	479.81	3/8	618.07	3/8	756.33	3/8	894.60	3/8	1,032.86	3/8	1,171.13	3/8	1,309.39
1/2	69.74	1/2	207.02	1/2	344.42	1/2	482.69	1/2	620.95	1/2	759.21	1/2	897.48	1/2	1,035.74	1/2	1,174.01	1/2	1,312.27
5/8	72.60	5/8	209.88	5/8	347.31	5/8	485.57	5/8	623.83	5/8	762.10	5/8	900.36	5/8	1,038.63	5/8	1,176.89	5/8	1,315.15
3/4	75.46	3/4	212.74	3/4	350.19	3/4	488.45	3/4	626.71	3/4	764.98	3/4	903.24	3/4	1,041.51	3/4	1,179.77	3/4	1,318.03
7/8	78.32	7/8	215.60	7/8	353.07	7/8	491.33	7/8	629.59	7/8	767.86	7/8	906.12	7/8	1,044.39	7/8	1,182.65	7/8	1,320.91
3	81.18	9	218.46	3	355.95	9	494.21	3	632.47	9	770.74	3	909.00	9	1,047.27	3	1,185.53	9	1,323.79
1/8	84.04	1/8	221.32	1/8	358.83	1/8	497.09	1/8	635.35	1/8	773.62	1/8	911.88	1/8	1,050.15	1/8	1,188.41	1/8	1,326.67
1/4	86.90	1/4	224.18	1/4	361.71	1/4	499.97	1/4	638.23	1/4	776.50	1/4	914.76	1/4	1,053.03	1/4	1,191.29	1/4	1,329.55
3/8	89.76	3/8	227.04	3/8	364.59	3/8	502.85	3/8	641.11	3/8	779.38	3/8	917.64	3/8	1,055.91	3/8	1,194.17	3/8	1,332.43
1/2	92.62	1/2	229.90	1/2	367.47	1/2	505.73	1/2	643.99	1/2	782.26	1/2	920.52	1/2	1,058.79	1/2	1,197.05	1/2	1,335.31
5/8	95.48	5/8	232.76	5/8	370.35	5/8	508.61	5/8	646.88	5/8	785.14	5/8	923.41	5/8	1,061.67	5/8	1,199.93	5/8	1,338.20
3/4	98.34	3/4	235.62	3/4	373.23	3/4	511.49	3/4	649.76	3/4	788.02	3/4	926.29	3/4	1,064.55	3/4	1,202.81	3/4	1,341.08
7/8	101.20	7/8	238.48	7/8	376.11	7/8	514.37	7/8	652.64	7/8	790.90	7/8	929.17	7/8	1,067.43	7/8	1,205.69	7/8	1,343.96
4	104.06	10	241.34	4	378.99	10	517.25	4	655.52	10	793.78	4	932.05	10	1,070.31	4	1,208.57	10	1,346.84
1/8	106.92	1/8	244.20	1/8	381.87	1/8	520.13	1/8	658.40	1/8	796.66	1/8	934.93	1/8	1,073.19	1/8	1,211.45	1/8	1,349.72
1/4	109.78	1/4	247.06	1/4	384.75	1/4	523.01	1/4	661.28	1/4	799.54	1/4	937.81	1/4	1,076.07	1/4	1,214.33	1/4	1,352.60
3/8	112.64	3/8	249.92	3/8	387.63	3/8	525.89	3/8	664.16	3/8	802.42	3/8	940.69	3/8	1,078.95	3/8	1,217.21	3/8	1,355.48
1/2	115.50	1/2	252.78	1/2	390.51	1/2	528.77	1/2	667.04	1/2	805.30	1/2	943.57	1/2	1,081.83	1/2	1,220.09	1/2	1,358.36
5/8	118.36	5/8	255.64	5/8	393.39	5/8	531.66	5/8	669.92	5/8	808.19	5/8	946.45	5/8	1,084.71	5/8	1,222.98	5/8	1,361.24
3/4	121.22	3/4	258.50	3/4	396.27	3/4	534.54	3/4	672.80	3/4	811.07	3/4	949.33	3/4	1,087.59	3/4	1,225.86	3/4	1,364.12
7/8	124.08	7/8	261.36	7/8	399.15	7/8	537.42	7/8	675.68	7/8	813.95	7/8	952.21	7/8	1,090.47	7/8	1,228.74	7/8	1,367.00
5	126.94	11	264.22	5	402.03	11	540.30	5	678.56	11	816.83	5	955.09	11	1,093.35	5	1,231.62	11	1,369.88
1/8	129.80	1/8	267.08	1/8	404.91	1/8	543.18	1/8	681.44	1/8	819.71	1/8	957.97	1/8	1,096.23	1/8	1,234.50	1/8	1,372.76
1/4	132.66	1/4	269.94	1/4	407.79	1/4	546.06	1/4	684.32	1/4	822.59	1/4	960.85	1/4	1,099.11	1/4	1,237.38	1/4	1,375.64
3/8	135.52	3/8	272.80	3/8	410.67	3/8	548.94	3/8	687.20	3/8	825.47	3/8	963.73	3/8	1,101.99	3/8	1,240.26	3/8	1,378.52
1/2	138.38	1/2	275.66	1/2	413.55	1/2	551.82	1/2	690.08	1/2	828.35	1/2	966.61	1/2	1,104.87	1/2	1,243.14	1/2	1,381.40
5/8	141.24	5/8	278.52	5/8	416.44	5/8	554.70	5/8	692.97	5/8	831.23	5/8	969.49	5/8	1,107.76	5/8	1,246.02	5/8	1,384.29
3/4	144.10	3/4	281.38	3/4	419.32	3/4	557.58	3/4	695.85	3/4	834.11	3/4	972.37	3/4	1,110.64	3/4	1,248.90	3/4	1,387.17
7/8	146.96	7/8	284.24	7/8	422.20	7/8	560.46	7/8	698.73	7/8	836.99	7/8	975.25	7/8	1,113.52	7/8	1,251.78	7/8	1,390.05

* CAPACITY BELOW STRIKE POINT.

BARGE SHOULD BE ON EVEN KEEL WHEN GAUGES ARE TAKEN

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 2" DIAMETER STANDPIPE.

GAUGE POINT: (2" STANDPIPE) LOCATED 12'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 29751"

3 STBD

INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-08"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,392.93	6	1,531.19	0	1,669.45	6	1,807.72	0	1,945.98	6	2,084.25	0	2,222.51	6	2,360.77	0	2,499.04	6	2,637.30
1/8	1,395.81	1/8	1,534.07	1/8	1,672.33	1/8	1,810.60	1/8	1,948.86	1/8	2,087.13	1/8	2,225.39	1/8	2,363.65	1/8	2,501.92	1/8	2,640.18
1/4	1,398.69	1/4	1,536.95	1/4	1,675.21	1/4	1,813.48	1/4	1,951.74	1/4	2,090.01	1/4	2,228.27	1/4	2,366.53	1/4	2,504.80	1/4	2,643.06
3/8	1,401.57	3/8	1,539.83	3/8	1,678.09	3/8	1,816.36	3/8	1,954.62	3/8	2,092.89	3/8	2,231.15	3/8	2,369.41	3/8	2,507.68	3/8	2,645.94
1/2	1,404.45	1/2	1,542.71	1/2	1,680.97	1/2	1,819.24	1/2	1,957.50	1/2	2,095.77	1/2	2,234.03	1/2	2,372.29	1/2	2,510.56	1/2	2,648.82
5/8	1,407.33	5/8	1,545.59	5/8	1,683.86	5/8	1,822.12	5/8	1,960.39	5/8	2,098.65	5/8	2,236.91	5/8	2,375.18	5/8	2,513.44	5/8	2,651.71
3/4	1,410.21	3/4	1,548.47	3/4	1,686.74	3/4	1,825.00	3/4	1,963.27	3/4	2,101.53	3/4	2,239.79	3/4	2,378.06	3/4	2,516.32	3/4	2,654.59
7/8	1,413.09	7/8	1,551.35	7/8	1,689.62	7/8	1,827.88	7/8	1,966.15	7/8	2,104.41	7/8	2,242.67	7/8	2,380.94	7/8	2,519.20	7/8	2,657.47
1	1,415.97	7	1,554.23	1	1,692.50	7	1,830.76	1	1,969.03	7	2,107.29	1	2,245.55	7	2,383.82	1	2,522.08	7	2,660.35
1/8	1,418.85	1/8	1,557.11	1/8	1,695.38	1/8	1,833.64	1/8	1,971.91	1/8	2,110.17	1/8	2,248.43	1/8	2,386.70	1/8	2,524.96	1/8	2,663.23
1/4	1,421.73	1/4	1,559.99	1/4	1,698.26	1/4	1,836.52	1/4	1,974.79	1/4	2,113.05	1/4	2,251.31	1/4	2,389.58	1/4	2,527.84	1/4	2,666.11
3/8	1,424.61	3/8	1,562.87	3/8	1,701.14	3/8	1,839.40	3/8	1,977.67	3/8	2,115.93	3/8	2,254.19	3/8	2,392.46	3/8	2,530.72	3/8	2,668.99
1/2	1,427.49	1/2	1,565.75	1/2	1,704.02	1/2	1,842.28	1/2	1,980.55	1/2	2,118.81	1/2	2,257.07	1/2	2,395.34	1/2	2,533.60	1/2	2,671.87
5/8	1,430.37	5/8	1,568.64	5/8	1,706.90	5/8	1,845.17	5/8	1,983.43	5/8	2,121.69	5/8	2,259.96	5/8	2,398.22	5/8	2,536.49	5/8	2,674.75
3/4	1,433.25	3/4	1,571.52	3/4	1,709.78	3/4	1,848.05	3/4	1,986.31	3/4	2,124.57	3/4	2,262.84	3/4	2,401.10	3/4	2,539.37	3/4	2,677.63
7/8	1,436.13	7/8	1,574.40	7/8	1,712.66	7/8	1,850.93	7/8	1,989.19	7/8	2,127.45	7/8	2,265.72	7/8	2,403.98	7/8	2,542.25	7/8	2,680.51
2	1,439.01	8	1,577.28	2	1,715.54	8	1,853.81	2	1,992.07	8	2,130.33	2	2,268.60	8	2,406.86	2	2,545.13	8	2,683.39
1/8	1,441.89	1/8	1,580.16	1/8	1,718.42	1/8	1,856.69	1/8	1,994.95	1/8	2,133.21	1/8	2,271.48	1/8	2,409.74	1/8	2,548.01	1/8	2,686.27
1/4	1,444.77	1/4	1,583.04	1/4	1,721.30	1/4	1,859.57	1/4	1,997.83	1/4	2,136.09	1/4	2,274.36	1/4	2,412.62	1/4	2,550.89	1/4	2,689.15
3/8	1,447.65	3/8	1,585.92	3/8	1,724.18	3/8	1,862.45	3/8	2,000.71	3/8	2,138.97	3/8	2,277.24	3/8	2,415.50	3/8	2,553.77	3/8	2,692.03
1/2	1,450.53	1/2	1,588.80	1/2	1,727.06	1/2	1,865.33	1/2	2,003.59	1/2	2,141.85	1/2	2,280.12	1/2	2,418.38	1/2	2,556.65	1/2	2,694.91
5/8	1,453.42	5/8	1,591.68	5/8	1,729.95	5/8	1,868.21	5/8	2,006.47	5/8	2,144.74	5/8	2,283.00	5/8	2,421.27	5/8	2,559.53	5/8	2,697.79
3/4	1,456.30	3/4	1,594.56	3/4	1,732.83	3/4	1,871.09	3/4	2,009.35	3/4	2,147.62	3/4	2,285.88	3/4	2,424.15	3/4	2,562.41	3/4	2,700.67
7/8	1,459.18	7/8	1,597.44	7/8	1,735.71	7/8	1,873.97	7/8	2,012.23	7/8	2,150.50	7/8	2,288.76	7/8	2,427.03	7/8	2,565.29	7/8	2,703.55
3	1,462.06	9	1,600.32	3	1,738.59	9	1,876.85	3	2,015.11	9	2,153.38	3	2,291.64	9	2,429.91	3	2,568.17	9	2,706.43
1/8	1,464.94	1/8	1,603.20	1/8	1,741.47	1/8	1,879.73	1/8	2,017.99	1/8	2,156.26	1/8	2,294.52	1/8	2,432.79	1/8	2,571.05	1/8	2,709.31
1/4	1,467.82	1/4	1,606.08	1/4	1,744.35	1/4	1,882.61	1/4	2,020.87	1/4	2,159.14	1/4	2,297.40	1/4	2,435.67	1/4	2,573.93	1/4	2,712.19
3/8	1,470.70	3/8	1,608.96	3/8	1,747.23	3/8	1,885.49	3/8	2,023.75	3/8	2,162.02	3/8	2,300.28	3/8	2,438.55	3/8	2,576.81	3/8	2,715.07
1/2	1,473.58	1/2	1,611.84	1/2	1,750.11	1/2	1,888.37	1/2	2,026.63	1/2	2,164.90	1/2	2,303.16	1/2	2,441.43	1/2	2,579.69	1/2	2,717.95
5/8	1,476.46	5/8	1,614.73	5/8	1,752.99	5/8	1,891.25	5/8	2,029.52	5/8	2,167.78	5/8	2,306.05	5/8	2,444.31	5/8	2,582.57	5/8	2,720.84
3/4	1,479.34	3/4	1,617.61	3/4	1,755.87	3/4	1,894.13	3/4	2,032.40	3/4	2,170.66	3/4	2,308.93	3/4	2,447.19	3/4	2,585.45	3/4	2,723.72
7/8	1,482.22	7/8	1,620.49	7/8	1,758.75	7/8	1,897.01	7/8	2,035.28	7/8	2,173.54	7/8	2,311.81	7/8	2,450.07	7/8	2,588.33	7/8	2,726.60
4	1,485.10	10	1,623.37	4	1,761.63	10	1,899.89	4	2,038.16	10	2,176.42	4	2,314.69	10	2,452.95	4	2,591.21	10	2,729.48
1/8	1,487.98	1/8	1,626.25	1/8	1,764.51	1/8	1,902.77	1/8	2,041.04	1/8	2,179.30	1/8	2,317.57	1/8	2,455.83	1/8	2,594.09	1/8	2,732.36
1/4	1,490.86	1/4	1,629.13	1/4	1,767.39	1/4	1,905.65	1/4	2,043.92	1/4	2,182.18	1/4	2,320.45	1/4	2,458.71	1/4	2,596.97	1/4	2,735.24
3/8	1,493.74	3/8	1,632.01	3/8	1,770.27	3/8	1,908.53	3/8	2,046.80	3/8	2,185.06	3/8	2,323.33	3/8	2,461.59	3/8	2,599.85	3/8	2,738.12
1/2	1,496.62	1/2	1,634.89	1/2	1,773.15	1/2	1,911.41	1/2	2,049.68	1/2	2,187.94	1/2	2,326.21	1/2	2,464.47	1/2	2,602.73	1/2	2,741.00
5/8	1,499.51	5/8	1,637.77	5/8	1,776.03	5/8	1,914.30	5/8	2,052.56	5/8	2,190.83	5/8	2,329.09	5/8	2,467.35	5/8	2,605.62	5/8	2,743.88
3/4	1,502.39	3/4	1,640.65	3/4	1,778.91	3/4	1,917.18	3/4	2,055.44	3/4	2,193.71	3/4	2,331.97	3/4	2,470.23	3/4	2,608.50	3/4	2,746.76
7/8	1,505.27	7/8	1,643.53	7/8	1,781.79	7/8	1,920.06	7/8	2,058.32	7/8	2,196.59	7/8	2,334.85	7/8	2,473.11	7/8	2,611.38	7/8	2,749.64
5	1,508.15	11	1,646.41	5	1,784.67	11	1,922.94	5	2,061.20	11	2,199.47	5	2,337.73	11	2,475.99	5	2,614.26	11	2,752.52
1/8	1,511.03	1/8	1,649.29	1/8	1,787.55	1/8	1,925.82	1/8	2,064.08	1/8	2,202.35	1/8	2,340.61	1/8	2,478.87	1/8	2,617.14	1/8	2,755.40
1/4	1,513.91	1/4	1,652.17	1/4	1,790.43	1/4	1,928.70	1/4	2,066.96	1/4	2,205.23	1/4	2,343.49	1/4	2,481.75	1/4	2,620.02	1/4	2,758.28
3/8	1,516.79	3/8	1,655.05	3/8	1,793.31	3/8	1,931.58	3/8	2,069.84	3/8	2,208.11	3/8	2,346.37	3/8	2,484.63	3/8	2,622.90	3/8	2,761.16
1/2	1,519.67	1/2	1,657.93	1/2	1,796.19	1/2	1,934.46	1/2	2,072.72	1/2	2,210.99	1/2	2,349.25	1/2	2,487.51	1/2	2,625.78	1/2	2,764.04
5/8	1,522.55	5/8	1,660.81	5/8	1,799.08	5/8	1,937.34	5/8	2,075.61	5/8	2,213.87	5/8	2,352.13	5/8	2,490.40	5/8	2,628.66	5/8	2,766.93
3/4	1,525.43	3/4	1,663.69	3/4	1,801.96	3/4	1,940.22	3/4	2,078.49	3/4	2,216.75	3/4	2,355.01	3/4	2,493.28	3/4	2,631.54	3/4	2,769.81
7/8	1,528.31	7/8	1,666.57	7/8	1,804.84	7/8	1,943.10	7/8	2,081.37	7/8	2,219.63	7/8	2,357.89	7/8	2,496.16	7/8	2,634.42	7/8	2,772.69

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BARGE "KIRBY 29751"

3 STBD INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

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

FORMERLY "504"

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,775.57	6	2,910.71	0	3,045.23	6	3,179.75	0	3,314.27	6	3,448.79	0	3,583.31	6	3,716.88	0	3,850.32	6	
1/8	2,778.45	1/8	2,913.51	1/8	3,048.03	1/8	3,182.55	1/8	3,317.07	1/8	3,451.59	1/8	3,586.11	1/8	3,719.66	1/8	3,852.94	1/8	
1/4	2,781.33	1/4	2,916.31	1/4	3,050.83	1/4	3,185.35	1/4	3,319.87	1/4	3,454.39	1/4	3,588.90	1/4	3,722.44	1/4	3,855.56	1/4	
3/8	2,784.21	3/8	2,919.12	3/8	3,053.64	3/8	3,188.16	3/8	3,322.68	3/8	3,457.20	3/8	3,591.70	3/8	3,725.22	3/8	3,858.18	3/8	
1/2	2,787.09	1/2	2,921.92	1/2	3,056.44	1/2	3,190.96	1/2	3,325.48	1/2	3,460.00	1/2	3,594.49	1/2	3,728.00	1/2	3,860.80	1/2	
5/8	2,789.97	5/8	2,924.72	5/8	3,059.24	5/8	3,193.76	5/8	3,328.28	5/8	3,462.80	5/8	3,597.29	5/8	3,730.78	5/8	3,863.42	5/8	
3/4	2,792.85	3/4	2,927.52	3/4	3,062.04	3/4	3,196.56	3/4	3,331.08	3/4	3,465.60	3/4	3,600.09	3/4	3,733.56	3/4	3,866.04	3/4	
7/8	2,795.73	7/8	2,930.33	7/8	3,064.85	7/8	3,199.37	7/8	3,333.89	7/8	3,468.41	7/8	3,602.88	7/8	3,736.34	7/8	3,868.66	7/8	
1	2,798.61	7	2,933.13	1	3,067.65	7	3,202.17	1	3,336.69	7	3,471.21	1	3,605.68	7	3,739.12	1	3,871.28	7	
1/8	2,801.41	1/8	2,935.93	1/8	3,070.45	1/8	3,204.97	1/8	3,339.49	1/8	3,474.01	1/8	3,608.46	1/8	3,741.90	1/8	3,873.54	1/8	
1/4	2,804.21	1/4	2,938.73	1/4	3,073.25	1/4	3,207.77	1/4	3,342.29	1/4	3,476.81	1/4	3,611.24	1/4	3,744.68	1/4	3,875.80	1/4	
3/8	2,807.02	3/8	2,941.54	3/8	3,076.06	3/8	3,210.58	3/8	3,345.10	3/8	3,479.62	3/8	3,614.02	3/8	3,747.46	3/8	3,878.06	3/8	
1/2	2,809.82	1/2	2,944.34	1/2	3,078.86	1/2	3,213.38	1/2	3,347.90	1/2	3,482.42	1/2	3,616.80	1/2	3,750.24	1/2	3,880.32	1/2	
5/8	2,812.62	5/8	2,947.14	5/8	3,081.66	5/8	3,216.18	5/8	3,350.70	5/8	3,485.22	5/8	3,619.58	5/8	3,753.02	5/8	3,882.59	5/8	
3/4	2,815.42	3/4	2,949.94	3/4	3,084.46	3/4	3,218.98	3/4	3,353.50	3/4	3,488.02	3/4	3,622.36	3/4	3,755.80	3/4	3,884.85	3/4	
7/8	2,818.23	7/8	2,952.75	7/8	3,087.27	7/8	3,221.79	7/8	3,356.31	7/8	3,490.83	7/8	3,625.14	7/8	3,758.58	7/8	3,887.11	7/8	
2	2,821.03	8	2,955.55	2	3,090.07	8	3,224.59	2	3,359.11	8	3,493.63	2	3,627.92	8	3,761.36	2	3,889.37	8	
1/8	2,823.83	1/8	2,958.35	1/8	3,092.87	1/8	3,227.39	1/8	3,361.91	1/8	3,496.43	1/8	3,630.70	1/8	3,764.14	1/8	3,891.21	1/8	
1/4	2,826.63	1/4	2,961.15	1/4	3,095.67	1/4	3,230.19	1/4	3,364.71	1/4	3,499.23	1/4	3,633.48	1/4	3,766.92	1/4	3,893.05	1/4	
3/8	2,829.44	3/8	2,963.96	3/8	3,098.48	3/8	3,233.00	3/8	3,367.52	3/8	3,502.04	3/8	3,636.26	3/8	3,769.70	3/8	3,894.89	3/8	
1/2	2,832.24	1/2	2,966.76	1/2	3,101.28	1/2	3,235.80	1/2	3,370.32	1/2	3,504.84	1/2	3,639.04	1/2	3,772.48	1/2	3,896.73	1/2	
5/8	2,835.04	5/8	2,969.56	5/8	3,104.08	5/8	3,238.60	5/8	3,373.12	5/8	3,507.64	5/8	3,641.82	5/8	3,775.26	5/8	3,898.57	5/8	
3/4	2,837.84	3/4	2,972.36	3/4	3,106.88	3/4	3,241.40	3/4	3,375.92	3/4	3,510.44	3/4	3,644.60	3/4	3,778.04	3/4	3,900.41	3/4	
7/8	2,840.65	7/8	2,975.17	7/8	3,109.69	7/8	3,244.21	7/8	3,378.73	7/8	3,513.25	7/8	3,647.38	7/8	3,780.82	7/8	3,902.25	7/8	
3	2,843.45	9	2,977.97	3	3,112.49	9	3,247.01	3	3,381.53	9	3,516.05	3	3,650.16	9	3,783.60	3	3,904.09	9	
1/8	2,846.25	1/8	2,980.77	1/8	3,115.29	1/8	3,249.81	1/8	3,384.33	1/8	3,518.85	1/8	3,652.94	1/8	3,786.38	1/8		1/8	
1/4	2,849.05	1/4	2,983.57	1/4	3,118.09	1/4	3,252.61	1/4	3,387.13	1/4	3,521.65	1/4	3,655.72	1/4	3,789.16	1/4		1/4	
3/8	2,851.86	3/8	2,986.38	3/8	3,120.90	3/8	3,255.42	3/8	3,389.94	3/8	3,524.46	3/8	3,658.50	3/8	3,791.94	3/8		3/8	
1/2	2,854.66	1/2	2,989.18	1/2	3,123.70	1/2	3,258.22	1/2	3,392.74	1/2	3,527.26	1/2	3,661.28	1/2	3,794.72	1/2		1/2	
5/8	2,857.46	5/8	2,991.98	5/8	3,126.50	5/8	3,261.02	5/8	3,395.54	5/8	3,530.06	5/8	3,664.06	5/8	3,797.50	5/8		5/8	
3/4	2,860.26	3/4	2,994.78	3/4	3,129.30	3/4	3,263.82	3/4	3,398.34	3/4	3,532.86	3/4	3,666.84	3/4	3,800.28	3/4		3/4	
7/8	2,863.07	7/8	2,997.59	7/8	3,132.11	7/8	3,266.63	7/8	3,401.15	7/8	3,535.67	7/8	3,669.62	7/8	3,803.06	7/8		7/8	
4	2,865.87	10	3,000.39	4	3,134.91	10	3,269.43	4	3,403.95	10	3,538.47	4	3,672.40	10	3,805.84	4		10	
1/8	2,868.67	1/8	3,003.19	1/8	3,137.71	1/8	3,272.23	1/8	3,406.75	1/8	3,541.27	1/8	3,675.18	1/8	3,808.62	1/8		1/8	
1/4	2,871.47	1/4	3,005.99	1/4	3,140.51	1/4	3,275.03	1/4	3,409.55	1/4	3,544.07	1/4	3,677.96	1/4	3,811.40	1/4		1/4	
3/8	2,874.28	3/8	3,008.80	3/8	3,143.32	3/8	3,277.84	3/8	3,412.36	3/8	3,546.88	3/8	3,680.74	3/8	3,814.18	3/8		3/8	
1/2	2,877.08	1/2	3,011.60	1/2	3,146.12	1/2	3,280.64	1/2	3,415.16	1/2	3,549.68	1/2	3,683.52	1/2	3,816.96	1/2		1/2	
5/8	2,879.88	5/8	3,014.40	5/8	3,148.92	5/8	3,283.44	5/8	3,417.96	5/8	3,552.48	5/8	3,686.30	5/8	3,819.74	5/8		5/8	
3/4	2,882.68	3/4	3,017.20	3/4	3,151.72	3/4	3,286.24	3/4	3,420.76	3/4	3,555.28	3/4	3,689.08	3/4	3,822.52	3/4		3/4	
7/8	2,885.49	7/8	3,020.01	7/8	3,154.53	7/8	3,289.05	7/8	3,423.57	7/8	3,558.09	7/8	3,691.86	7/8	3,825.30	7/8		7/8	
5	2,888.29	11	3,022.81	5	3,157.33	11	3,291.85	5	3,426.37	11	3,560.89	5	3,694.64	11	3,828.08	5		11	
1/8	2,891.09	1/8	3,025.61	1/8	3,160.13	1/8	3,294.65	1/8	3,429.17	1/8	3,563.69	1/8	3,697.42	1/8	3,830.86	1/8		1/8	
1/4	2,893.89	1/4	3,028.41	1/4	3,162.93	1/4	3,297.45	1/4	3,431.97	1/4	3,566.49	1/4	3,700.20	1/4	3,833.64	1/4		1/4	
3/8	2,896.70	3/8	3,031.22	3/8	3,165.74	3/8	3,300.26	3/8	3,434.78	3/8	3,569.30	3/8	3,702.98	3/8	3,836.42	3/8		3/8	
1/2	2,899.50	1/2	3,034.02	1/2	3,168.54	1/2	3,303.06	1/2	3,437.58	1/2	3,572.10	1/2	3,705.76	1/2	3,839.20	1/2		1/2	
5/8	2,902.30	5/8	3,036.82	5/8	3,171.34	5/8	3,305.86	5/8	3,440.38	5/8	3,574.90	5/8	3,708.54	5/8	3,841.98	5/8		5/8	
3/4	2,905.10	3/4	3,039.62	3/4	3,174.14	3/4	3,308.66	3/4	3,443.18	3/4	3,577.70	3/4	3,711.32	3/4	3,844.76	3/4		3/4	
7/8	2,907.91	7/8	3,042.43	7/8	3,176.95	7/8	3,311.47	7/8	3,445.99	7/8	3,580.51	7/8	3,714.10	7/8	3,847.54	7/8		7/8	

STRAPPED: 01/04/2008
RECALCULATED: 06/13/2012 SW
REPRINTED: 07/18/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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P.O. Box 2092

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BARGE "KIRBY 29751"

4 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-08 5/8"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	15.66	6	143.49	0	280.77	6	418.04	0	555.32	6	690.40	0	821.23	6	954.44	0	1,091.62	6	1,228.81
1/8	17.63	1/8	146.35	1/8	283.63	1/8	420.90	1/8	558.18	1/8	693.13	1/8	823.96	1/8	957.30	1/8	1,094.48	1/8	1,231.67
1/4	19.60	1/4	149.21	1/4	286.49	1/4	423.76	1/4	561.04	1/4	695.85	1/4	826.68	1/4	960.16	1/4	1,097.34	1/4	1,234.52
3/8	21.56	3/8	152.07	3/8	289.35	3/8	426.62	3/8	563.90	3/8	698.58	3/8	829.41	3/8	963.01	3/8	1,100.20	3/8	1,237.38
1/2	23.53	1/2	154.93	1/2	292.21	1/2	429.48	1/2	566.76	1/2	701.30	1/2	832.13	1/2	965.87	1/2	1,103.06	1/2	1,240.24
5/8	25.49	5/8	157.79	5/8	295.07	5/8	432.34	5/8	569.62	5/8	704.03	5/8	834.86	5/8	968.73	5/8	1,105.91	5/8	1,243.10
3/4	27.46	3/4	160.65	3/4	297.93	3/4	435.20	3/4	572.48	3/4	706.75	3/4	837.58	3/4	971.59	3/4	1,108.77	3/4	1,245.96
7/8	29.43	7/8	163.51	7/8	300.79	7/8	438.06	7/8	575.34	7/8	709.48	7/8	840.31	7/8	974.45	7/8	1,111.63	7/8	1,248.81
1	31.39	7	166.37	1	303.65	7	440.92	1	578.20	7	712.21	1	843.03	7	977.30	1	1,114.49	7	1,251.67
1/8	33.38	1/8	169.23	1/8	306.51	1/8	443.78	1/8	581.06	1/8	714.93	1/8	845.76	1/8	980.16	1/8	1,117.35	1/8	1,254.53
1/4	36.57	1/4	172.09	1/4	309.37	1/4	446.64	1/4	583.92	1/4	717.66	1/4	848.49	1/4	983.02	1/4	1,120.20	1/4	1,257.39
3/8	39.15	3/8	174.95	3/8	312.23	3/8	449.50	3/8	586.78	3/8	720.38	3/8	851.21	3/8	985.88	3/8	1,123.06	3/8	1,260.25
1/2	41.74	1/2	177.81	1/2	315.09	1/2	452.36	1/2	589.64	1/2	723.11	1/2	853.94	1/2	988.74	1/2	1,125.92	1/2	1,263.10
5/8	44.33	5/8	180.67	5/8	317.95	5/8	455.22	5/8	592.50	5/8	725.83	5/8	856.66	5/8	991.59	5/8	1,128.78	5/8	1,265.96
3/4	46.92	3/4	183.53	3/4	320.80	3/4	458.08	3/4	595.36	3/4	728.56	3/4	859.39	3/4	994.45	3/4	1,131.64	3/4	1,268.82
7/8	49.51	7/8	186.39	7/8	323.66	7/8	460.94	7/8	598.22	7/8	731.28	7/8	862.11	7/8	997.31	7/8	1,134.49	7/8	1,271.68
2	52.09	8	189.25	2	326.52	8	463.80	2	601.08	8	734.01	2	864.84	8	1,000.17	2	1,137.35	8	1,274.54
1/8	54.94	1/8	192.11	1/8	329.38	1/8	466.66	1/8	603.94	1/8	736.74	1/8	867.56	1/8	1,003.03	1/8	1,140.21	1/8	1,277.39
1/4	57.79	1/4	194.97	1/4	332.24	1/4	469.52	1/4	606.79	1/4	739.46	1/4	870.29	1/4	1,005.88	1/4	1,143.07	1/4	1,280.25
3/8	60.64	3/8	197.83	3/8	335.10	3/8	472.38	3/8	609.65	3/8	742.19	3/8	873.02	3/8	1,008.74	3/8	1,145.93	3/8	1,283.11
1/2	63.49	1/2	200.69	1/2	337.96	1/2	475.24	1/2	612.51	1/2	744.91	1/2	875.74	1/2	1,011.60	1/2	1,148.78	1/2	1,285.97
5/8	66.34	5/8	203.55	5/8	340.82	5/8	478.10	5/8	615.37	5/8	747.64	5/8	878.47	5/8	1,014.46	5/8	1,151.64	5/8	1,288.83
3/4	69.19	3/4	206.41	3/4	343.68	3/4	480.96	3/4	618.23	3/4	750.36	3/4	881.19	3/4	1,017.32	3/4	1,154.50	3/4	1,291.68
7/8	72.03	7/8	209.27	7/8	346.54	7/8	483.82	7/8	621.09	7/8	753.09	7/8	883.92	7/8	1,020.17	7/8	1,157.36	7/8	1,294.54
3	74.88	9	212.13	3	349.40	9	486.68	3	623.95	9	755.82	3	886.64	9	1,023.03	3	1,160.22	9	1,297.40
1/8	77.74	1/8	214.99	1/8	352.26	1/8	489.54	1/8	626.78	1/8	758.54	1/8	889.40	1/8	1,025.89	1/8	1,163.07	1/8	1,300.26
1/4	80.60	1/4	217.85	1/4	355.12	1/4	492.40	1/4	629.61	1/4	761.27	1/4	892.16	1/4	1,028.75	1/4	1,165.93	1/4	1,303.12
3/8	83.45	3/8	220.71	3/8	357.98	3/8	495.26	3/8	632.44	3/8	763.99	3/8	894.92	3/8	1,031.61	3/8	1,168.79	3/8	1,305.97
1/2	86.31	1/2	223.57	1/2	360.84	1/2	498.12	1/2	635.27	1/2	766.72	1/2	897.68	1/2	1,034.46	1/2	1,171.65	1/2	1,308.83
5/8	89.17	5/8	226.43	5/8	363.70	5/8	500.98	5/8	638.10	5/8	769.44	5/8	900.44	5/8	1,037.32	5/8	1,174.51	5/8	1,311.69
3/4	92.02	3/4	229.29	3/4	366.56	3/4	503.84	3/4	640.93	3/4	772.17	3/4	903.20	3/4	1,040.18	3/4	1,177.36	3/4	1,314.55
7/8	94.88	7/8	232.15	7/8	369.42	7/8	506.70	7/8	643.76	7/8	774.89	7/8	905.95	7/8	1,043.04	7/8	1,180.22	7/8	1,317.41
4	97.74	10	235.01	4	372.28	10	509.56	4	646.59	10	777.62	4	908.71	10	1,045.90	4	1,183.08	10	1,320.26
1/8	100.60	1/8	237.87	1/8	375.14	1/8	512.42	1/8	649.33	1/8	780.35	1/8	911.57	1/8	1,048.75	1/8	1,185.94	1/8	1,323.12
1/4	103.45	1/4	240.73	1/4	378.00	1/4	515.28	1/4	652.07	1/4	783.07	1/4	914.43	1/4	1,051.61	1/4	1,188.80	1/4	1,325.98
3/8	106.31	3/8	243.59	3/8	380.86	3/8	518.14	3/8	654.81	3/8	785.80	3/8	917.29	3/8	1,054.47	3/8	1,191.65	3/8	1,328.84
1/2	109.17	1/2	246.45	1/2	383.72	1/2	521.00	1/2	657.55	1/2	788.52	1/2	920.14	1/2	1,057.33	1/2	1,194.51	1/2	1,331.70
5/8	112.03	5/8	249.31	5/8	386.58	5/8	523.86	5/8	660.29	5/8	791.25	5/8	923.00	5/8	1,060.19	5/8	1,197.37	5/8	1,334.55
3/4	114.89	3/4	252.17	3/4	389.44	3/4	526.72	3/4	663.03	3/4	793.97	3/4	925.86	3/4	1,063.04	3/4	1,200.23	3/4	1,337.41
7/8	117.75	7/8	255.03	7/8	392.30	7/8	529.58	7/8	665.77	7/8	796.70	7/8	928.72	7/8	1,065.90	7/8	1,203.09	7/8	1,340.27
5	120.61	11	257.89	5	395.16	11	532.44	5	668.51	11	799.42	5	931.58	11	1,068.76	5	1,205.94	11	1,343.13
1/8	123.47	1/8	260.75	1/8	398.02	1/8	535.30	1/8	671.25	1/8	802.15	1/8	934.43	1/8	1,071.62	1/8	1,208.80	1/8	1,345.99
1/4	126.33	1/4	263.61	1/4	400.88	1/4	538.16	1/4	673.98	1/4	804.88	1/4	937.29	1/4	1,074.48	1/4	1,211.66	1/4	1,348.84
3/8	129.19	3/8	266.47	3/8	403.74	3/8	541.02	3/8	676.72	3/8	807.60	3/8	940.15	3/8	1,077.33	3/8	1,214.52	3/8	1,351.70
1/2	132.05	1/2	269.33	1/2	406.60	1/2	543.88	1/2	679.46	1/2	810.33	1/2	943.01	1/2	1,080.19	1/2	1,217.38	1/2	1,354.56
5/8	134.91	5/8	272.19	5/8	409.46	5/8	546.74	5/8	682.19	5/8	813.05	5/8	945.87	5/8	1,083.05	5/8	1,220.23	5/8	1,357.42
3/4	137.77	3/4	275.05	3/4	412.32	3/4	549.60	3/4	684.93	3/4	815.78	3/4	948.72	3/4	1,085.91	3/4	1,223.09	3/4	1,360.28
7/8	140.63	7/8	277.91	7/8	415.18	7/8	552.46	7/8	687.66	7/8	818.50	7/8	951.58	7/8	1,088.77	7/8	1,225.95	7/8	1,363.13

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE

GAUGE POINT: (2" STANDPIPE) LOCATED 12'-00" OFF CENTERLINE AND 32'-09" 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 29751"

4 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-08 5/8"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,365.99	6	1,503.18	0	1,640.36	6	1,777.54	0	1,914.72	6	2,051.89	0	2,189.06	6	2,326.23	0	2,463.37	6	2,599.59
1/8	1,368.85	1/8	1,506.03	1/8	1,643.22	1/8	1,780.40	1/8	1,917.58	1/8	2,054.75	1/8	2,191.92	1/8	2,329.09	1/8	2,466.21	1/8	2,602.33
1/4	1,371.71	1/4	1,508.89	1/4	1,646.08	1/4	1,783.26	1/4	1,920.44	1/4	2,057.61	1/4	2,194.78	1/4	2,331.94	1/4	2,469.05	1/4	2,605.07
3/8	1,374.57	3/8	1,511.75	3/8	1,648.93	3/8	1,786.12	3/8	1,923.29	3/8	2,060.46	3/8	2,197.63	3/8	2,334.80	3/8	2,471.89	3/8	2,607.81
1/2	1,377.42	1/2	1,514.61	1/2	1,651.79	1/2	1,788.98	1/2	1,926.15	1/2	2,063.32	1/2	2,200.49	1/2	2,337.66	1/2	2,474.73	1/2	2,610.54
5/8	1,380.28	5/8	1,517.47	5/8	1,654.65	5/8	1,791.83	5/8	1,929.01	5/8	2,066.18	5/8	2,203.35	5/8	2,340.52	5/8	2,477.57	5/8	2,613.28
3/4	1,383.14	3/4	1,520.32	3/4	1,657.51	3/4	1,794.69	3/4	1,931.87	3/4	2,069.04	3/4	2,206.21	3/4	2,343.38	3/4	2,480.41	3/4	2,616.02
7/8	1,386.00	7/8	1,523.18	7/8	1,660.37	7/8	1,797.55	7/8	1,934.72	7/8	2,071.89	7/8	2,209.06	7/8	2,346.23	7/8	2,483.26	7/8	2,618.76
1	1,388.86	7	1,526.04	1	1,663.22	7	1,800.41	1	1,937.58	7	2,074.75	1	2,211.92	7	2,349.09	1	2,486.10	7	2,621.49
1/8	1,391.71	1/8	1,528.90	1/8	1,666.08	1/8	1,803.27	1/8	1,940.44	1/8	2,077.61	1/8	2,214.78	1/8	2,351.95	1/8	2,488.94	1/8	2,623.97
1/4	1,394.57	1/4	1,531.76	1/4	1,668.94	1/4	1,806.12	1/4	1,943.30	1/4	2,080.47	1/4	2,217.64	1/4	2,354.81	1/4	2,491.78	1/4	2,626.46
3/8	1,397.43	3/8	1,534.61	3/8	1,671.80	3/8	1,808.98	3/8	1,946.16	3/8	2,083.32	3/8	2,220.49	3/8	2,357.66	3/8	2,494.62	3/8	2,628.94
1/2	1,400.29	1/2	1,537.47	1/2	1,674.66	1/2	1,811.84	1/2	1,949.01	1/2	2,086.18	1/2	2,223.35	1/2	2,360.52	1/2	2,497.46	1/2	2,631.42
5/8	1,403.15	5/8	1,540.33	5/8	1,677.51	5/8	1,814.70	5/8	1,951.87	5/8	2,089.04	5/8	2,226.21	5/8	2,363.38	5/8	2,500.30	5/8	2,633.90
3/4	1,406.00	3/4	1,543.19	3/4	1,680.37	3/4	1,817.56	3/4	1,954.73	3/4	2,091.90	3/4	2,229.07	3/4	2,366.24	3/4	2,503.14	3/4	2,636.38
7/8	1,408.86	7/8	1,546.05	7/8	1,683.23	7/8	1,820.41	7/8	1,957.59	7/8	2,094.76	7/8	2,231.93	7/8	2,369.09	7/8	2,505.98	7/8	2,638.86
2	1,411.72	8	1,548.90	2	1,686.09	8	1,823.27	2	1,960.44	8	2,097.61	2	2,234.78	8	2,371.95	2	2,508.82	8	2,641.34
1/8	1,414.58	1/8	1,551.76	1/8	1,688.95	1/8	1,826.13	1/8	1,963.30	1/8	2,100.47	1/8	2,237.64	1/8	2,374.81	1/8	2,511.66	1/8	2,643.53
1/4	1,417.44	1/4	1,554.62	1/4	1,691.80	1/4	1,828.99	1/4	1,966.16	1/4	2,103.33	1/4	2,240.50	1/4	2,377.67	1/4	2,514.50	1/4	2,645.73
3/8	1,420.29	3/8	1,557.48	3/8	1,694.66	3/8	1,831.85	3/8	1,969.02	3/8	2,106.19	3/8	2,243.36	3/8	2,380.53	3/8	2,517.34	3/8	2,647.92
1/2	1,423.15	1/2	1,560.34	1/2	1,697.52	1/2	1,834.70	1/2	1,971.87	1/2	2,109.04	1/2	2,246.21	1/2	2,383.38	1/2	2,520.18	1/2	2,650.11
5/8	1,426.01	5/8	1,563.19	5/8	1,700.38	5/8	1,837.56	5/8	1,974.73	5/8	2,111.90	5/8	2,249.07	5/8	2,386.24	5/8	2,523.02	5/8	2,652.31
3/4	1,428.87	3/4	1,566.05	3/4	1,703.24	3/4	1,840.42	3/4	1,977.59	3/4	2,114.76	3/4	2,251.93	3/4	2,389.10	3/4	2,525.87	3/4	2,654.50
7/8	1,431.73	7/8	1,568.91	7/8	1,706.09	7/8	1,843.28	7/8	1,980.45	7/8	2,117.62	7/8	2,254.79	7/8	2,391.96	7/8	2,528.71	7/8	2,656.69
3	1,434.58	9	1,571.77	3	1,708.95	9	1,846.14	3	1,983.31	9	2,120.48	3	2,257.64	9	2,394.81	3	2,531.55	9	2,658.88
1/8	1,437.44	1/8	1,574.63	1/8	1,711.81	1/8	1,848.99	1/8	1,986.16	1/8	2,123.33	1/8	2,260.50	1/8	2,397.67	1/8	2,534.39	1/8	2,660.79
1/4	1,440.30	1/4	1,577.48	1/4	1,714.67	1/4	1,851.85	1/4	1,989.02	1/4	2,126.19	1/4	2,263.36	1/4	2,400.53	1/4	2,537.23	1/4	2,662.70
3/8	1,443.16	3/8	1,580.34	3/8	1,717.53	3/8	1,854.71	3/8	1,991.88	3/8	2,129.05	3/8	2,266.22	3/8	2,403.39	3/8	2,540.07	3/8	2,664.60
1/2	1,446.02	1/2	1,583.20	1/2	1,720.38	1/2	1,857.57	1/2	1,994.74	1/2	2,131.91	1/2	2,269.08	1/2	2,406.25	1/2	2,542.91	1/2	2,666.51
5/8	1,448.87	5/8	1,586.06	5/8	1,723.24	5/8	1,860.42	5/8	1,997.59	5/8	2,134.76	5/8	2,271.93	5/8	2,409.10	5/8	2,545.75	5/8	2,668.41
3/4	1,451.73	3/4	1,588.92	3/4	1,726.10	3/4	1,863.28	3/4	2,000.45	3/4	2,137.62	3/4	2,274.79	3/4	2,411.96	3/4	2,548.59	3/4	2,670.32
7/8	1,454.59	7/8	1,591.77	7/8	1,728.96	7/8	1,866.14	7/8	2,003.31	7/8	2,140.48	7/8	2,277.65	7/8	2,414.82	7/8	2,551.43	7/8	2,672.22
4	1,457.45	10	1,594.63	4	1,731.82	10	1,869.00	4	2,006.17	10	2,143.34	4	2,280.51	10	2,417.68	4	2,554.27	10	2,674.13
1/8	1,460.31	1/8	1,597.49	1/8	1,734.67	1/8	1,871.86	1/8	2,009.02	1/8	2,146.19	1/8	2,283.36	1/8	2,420.53	1/8	2,557.11	1/8	2,675.75
1/4	1,463.16	1/4	1,600.35	1/4	1,737.53	1/4	1,874.71	1/4	2,011.88	1/4	2,149.05	1/4	2,286.22	1/4	2,423.39	1/4	2,559.95	1/4	2,677.37
3/8	1,466.02	3/8	1,603.21	3/8	1,740.39	3/8	1,877.57	3/8	2,014.74	3/8	2,151.91	3/8	2,289.08	3/8	2,426.25	3/8	2,562.79	3/8	2,678.99
1/2	1,468.88	1/2	1,606.06	1/2	1,743.25	1/2	1,880.43	1/2	2,017.60	1/2	2,154.77	1/2	2,291.94	1/2	2,429.11	1/2	2,565.62	1/2	2,680.61
5/8	1,471.74	5/8	1,608.92	5/8	1,746.11	5/8	1,883.29	5/8	2,020.46	5/8	2,157.63	5/8	2,294.79	5/8	2,431.96	5/8	2,568.46	5/8	2,682.23
3/4	1,474.60	3/4	1,611.78	3/4	1,748.96	3/4	1,886.14	3/4	2,023.31	3/4	2,160.48	3/4	2,297.65	3/4	2,434.82	3/4	2,571.30	3/4	2,683.85
7/8	1,477.45	7/8	1,614.64	7/8	1,751.82	7/8	1,889.00	7/8	2,026.17	7/8	2,163.34	7/8	2,300.51	7/8	2,437.68	7/8	2,574.14	7/8	2,685.47
5	1,480.31	11	1,617.50	5	1,754.68	11	1,891.86	5	2,029.03	11	2,166.20	5	2,303.37	11	2,440.54	5	2,576.98	11	2,687.08
1/8	1,483.17	1/8	1,620.35	1/8	1,757.54	1/8	1,894.72	1/8	2,031.89	1/8	2,169.06	1/8	2,306.23	1/8	2,443.39	1/8	2,579.81	1/8	2,688.43
1/4	1,486.03	1/4	1,623.21	1/4	1,760.40	1/4	1,897.57	1/4	2,034.74	1/4	2,171.91	1/4	2,309.08	1/4	2,446.25	1/4	2,582.63	1/4	2,689.77
3/8	1,488.89	3/8	1,626.07	3/8	1,763.25	3/8	1,900.43	3/8	2,037.60	3/8	2,174.77	3/8	2,311.94	3/8	2,449.10	3/8	2,585.46	3/8	2,691.12
1/2	1,491.74	1/2	1,628.93	1/2	1,766.11	1/2	1,903.29	1/2	2,040.46	1/2	2,177.63	1/2	2,314.80	1/2	2,451.95	1/2	2,588.29	1/2	2,692.46
5/8	1,494.60	5/8	1,631.79	5/8	1,768.97	5/8	1,906.15	5/8	2,043.32	5/8	2,180.49	5/8	2,317.66	5/8	2,454.81	5/8	2,591.11	5/8	2,693.81
3/4	1,497.46	3/4	1,634.64	3/4	1,771.83	3/4	1,909.01	3/4	2,046.17	3/4	2,183.34	3/4	2,320.51	3/4	2,457.66	3/4	2,593.94	3/4	2,695.15
7/8	1,500.32	7/8	1,637.50	7/8	1,774.69	7/8	1,911.86	7/8	2,049.03	7/8	2,186.20	7/8	2,323.37	7/8	2,460.52	7/8	2,596.77	7/8	2,696.50

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 29751"

4 PORT INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-08 5/8"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,697.84	6	2,752.44	0	2,806.83	6	2,861.21	0	2,915.59	6	2,969.97	0	3,024.35	6	3,078.73	0	3,132.59	6	
1/8	2,699.00	1/8	2,753.58	1/8	2,807.96	1/8	2,862.34	1/8	2,916.72	1/8	2,971.10	1/8	3,025.48	1/8	3,079.86	1/8	3,133.69	1/8	
1/4	2,700.16	1/4	2,754.71	1/4	2,809.09	1/4	2,863.48	1/4	2,917.85	1/4	2,972.23	1/4	3,026.61	1/4	3,080.98	1/4	3,134.78	1/4	
3/8	2,701.32	3/8	2,755.84	3/8	2,810.23	3/8	2,864.61	3/8	2,918.99	3/8	2,973.37	3/8	3,027.75	3/8	3,082.11	3/8	3,135.88	3/8	
1/2	2,702.48	1/2	2,756.98	1/2	2,811.36	1/2	2,865.74	1/2	2,920.12	1/2	2,974.50	1/2	3,028.88	1/2	3,083.24	1/2	3,136.97	1/2	
5/8	2,703.64	5/8	2,758.11	5/8	2,812.49	5/8	2,866.87	5/8	2,921.25	5/8	2,975.63	5/8	3,030.01	5/8	3,084.37	5/8	3,138.06	5/8	
3/4	2,704.80	3/4	2,759.24	3/4	2,813.63	3/4	2,868.01	3/4	2,922.39	3/4	2,976.77	3/4	3,031.14	3/4	3,085.50	3/4	3,139.16	3/4	
7/8	2,705.96	7/8	2,760.37	7/8	2,814.76	7/8	2,869.14	7/8	2,923.52	7/8	2,977.90	7/8	3,032.28	7/8	3,086.63	7/8	3,140.25	7/8	
1	2,707.12	7	2,761.51	1	2,815.89	7	2,870.27	1	2,924.65	7	2,979.03	1	3,033.41	7	3,087.76	1	3,141.35	7	
1/8	2,708.26	1/8	2,762.64	1/8	2,817.02	1/8	2,871.41	1/8	2,925.78	1/8	2,980.16	1/8	3,034.54	1/8	3,088.88	1/8	3,142.33	1/8	
1/4	2,709.39	1/4	2,763.77	1/4	2,818.16	1/4	2,872.54	1/4	2,926.92	1/4	2,981.30	1/4	3,035.68	1/4	3,090.00	1/4	3,143.31	1/4	
3/8	2,710.52	3/8	2,764.91	3/8	2,819.29	3/8	2,873.67	3/8	2,928.05	3/8	2,982.43	3/8	3,036.81	3/8	3,091.12	3/8	3,144.29	3/8	
1/2	2,711.66	1/2	2,766.04	1/2	2,820.42	1/2	2,874.80	1/2	2,929.18	1/2	2,983.56	1/2	3,037.94	1/2	3,092.25	1/2	3,145.27	1/2	
5/8	2,712.79	5/8	2,767.17	5/8	2,821.56	5/8	2,875.94	5/8	2,930.32	5/8	2,984.70	5/8	3,039.07	5/8	3,093.37	5/8	3,146.25	5/8	
3/4	2,713.92	3/4	2,768.31	3/4	2,822.69	3/4	2,877.07	3/4	2,931.45	3/4	2,985.83	3/4	3,040.21	3/4	3,094.49	3/4	3,147.23	3/4	
7/8	2,715.05	7/8	2,769.44	7/8	2,823.82	7/8	2,878.20	7/8	2,932.58	7/8	2,986.96	7/8	3,041.34	7/8	3,095.61	7/8	3,148.20	7/8	
2	2,716.19	8	2,770.57	2	2,824.96	8	2,879.34	2	2,933.72	8	2,988.09	2	3,042.47	8	3,096.73	2	3,149.18	8	
1/8	2,717.32	1/8	2,771.70	1/8	2,826.09	1/8	2,880.47	1/8	2,934.85	1/8	2,989.23	1/8	3,043.61	1/8	3,097.85	1/8	3,149.98	1/8	
1/4	2,718.45	1/4	2,772.84	1/4	2,827.22	1/4	2,881.60	1/4	2,935.98	1/4	2,990.36	1/4	3,044.74	1/4	3,098.98	1/4	3,150.77	1/4	
3/8	2,719.59	3/8	2,773.97	3/8	2,828.35	3/8	2,882.73	3/8	2,937.11	3/8	2,991.49	3/8	3,045.87	3/8	3,100.10	3/8	3,151.56	3/8	
1/2	2,720.72	1/2	2,775.10	1/2	2,829.49	1/2	2,883.87	1/2	2,938.25	1/2	2,992.63	1/2	3,047.01	1/2	3,101.22	1/2	3,152.35	1/2	
5/8	2,721.85	5/8	2,776.24	5/8	2,830.62	5/8	2,885.00	5/8	2,939.38	5/8	2,993.76	5/8	3,048.14	5/8	3,102.34	5/8	3,153.14	5/8	
3/4	2,722.99	3/4	2,777.37	3/4	2,831.75	3/4	2,886.13	3/4	2,940.51	3/4	2,994.89	3/4	3,049.27	3/4	3,103.46	3/4	3,153.93	3/4	
7/8	2,724.12	7/8	2,778.50	7/8	2,832.89	7/8	2,887.27	7/8	2,941.65	7/8	2,996.02	7/8	3,050.40	7/8	3,104.58	7/8	3,154.72	7/8	
3	2,725.25	9	2,779.64	3	2,834.02	9	2,888.40	3	2,942.78	9	2,997.16	3	3,051.54	9	3,105.71	3	3,155.51	9	
1/8	2,726.38	1/8	2,780.77	1/8	2,835.15	1/8	2,889.53	1/8	2,943.91	1/8	2,998.29	1/8	3,052.67	1/8	3,106.83	1/8		1/8	
1/4	2,727.52	1/4	2,781.90	1/4	2,836.29	1/4	2,890.66	1/4	2,945.04	1/4	2,999.42	1/4	3,053.80	1/4	3,107.95	1/4		1/4	
3/8	2,728.65	3/8	2,783.03	3/8	2,837.42	3/8	2,891.80	3/8	2,946.18	3/8	3,000.56	3/8	3,054.94	3/8	3,109.07	3/8		3/8	
1/2	2,729.78	1/2	2,784.17	1/2	2,838.55	1/2	2,892.93	1/2	2,947.31	1/2	3,001.69	1/2	3,056.07	1/2	3,110.19	1/2		1/2	
5/8	2,730.92	5/8	2,785.30	5/8	2,839.68	5/8	2,894.06	5/8	2,948.44	5/8	3,002.82	5/8	3,057.20	5/8	3,111.31	5/8		5/8	
3/4	2,732.05	3/4	2,786.43	3/4	2,840.82	3/4	2,895.20	3/4	2,949.58	3/4	3,003.95	3/4	3,058.33	3/4	3,112.43	3/4		3/4	
7/8	2,733.18	7/8	2,787.57	7/8	2,841.95	7/8	2,896.33	7/8	2,950.71	7/8	3,005.09	7/8	3,059.47	7/8	3,113.56	7/8		7/8	
4	2,734.32	10	2,788.70	4	2,843.08	10	2,897.46	4	2,951.84	10	3,006.22	4	3,060.60	10	3,114.68	4		10	
1/8	2,735.45	1/8	2,789.83	1/8	2,844.22	1/8	2,898.60	1/8	2,952.97	1/8	3,007.35	1/8	3,061.73	1/8	3,115.80	1/8		1/8	
1/4	2,736.58	1/4	2,790.97	1/4	2,845.35	1/4	2,899.73	1/4	2,954.11	1/4	3,008.49	1/4	3,062.87	1/4	3,116.92	1/4		1/4	
3/8	2,737.71	3/8	2,792.10	3/8	2,846.48	3/8	2,900.86	3/8	2,955.24	3/8	3,009.62	3/8	3,064.00	3/8	3,118.04	3/8		3/8	
1/2	2,738.85	1/2	2,793.23	1/2	2,847.61	1/2	2,901.99	1/2	2,956.37	1/2	3,010.75	1/2	3,065.13	1/2	3,119.16	1/2		1/2	
5/8	2,739.98	5/8	2,794.36	5/8	2,848.75	5/8	2,903.13	5/8	2,957.51	5/8	3,011.89	5/8	3,066.26	5/8	3,120.28	5/8		5/8	
3/4	2,741.11	3/4	2,795.50	3/4	2,849.88	3/4	2,904.26	3/4	2,958.64	3/4	3,013.02	3/4	3,067.40	3/4	3,121.40	3/4		3/4	
7/8	2,742.25	7/8	2,796.63	7/8	2,851.01	7/8	2,905.39	7/8	2,959.77	7/8	3,014.15	7/8	3,068.53	7/8	3,122.52	7/8		7/8	
5	2,743.38	11	2,797.76	5	2,852.15	11	2,906.53	5	2,960.90	11	3,015.28	5	3,069.66	11	3,123.64	5		11	
1/8	2,744.51	1/8	2,798.90	1/8	2,853.28	1/8	2,907.66	1/8	2,962.04	1/8	3,016.42	1/8	3,070.80	1/8	3,124.76	1/8		1/8	
1/4	2,745.65	1/4	2,800.03	1/4	2,854.41	1/4	2,908.79	1/4	2,963.17	1/4	3,017.55	1/4	3,071.93	1/4	3,125.88	1/4		1/4	
3/8	2,746.78	3/8	2,801.16	3/8	2,855.54	3/8	2,909.92	3/8	2,964.30	3/8	3,018.68	3/8	3,073.06	3/8	3,127.00	3/8		3/8	
1/2	2,747.91	1/2	2,802.30	1/2	2,856.68	1/2	2,911.06	1/2	2,965.44	1/2	3,019.82	1/2	3,074.19	1/2	3,128.12	1/2		1/2	
5/8	2,749.04	5/8	2,803.43	5/8	2,857.81	5/8	2,912.19	5/8	2,966.57	5/8	3,020.95	5/8	3,075.33	5/8	3,129.24	5/8		5/8	
3/4	2,750.18	3/4	2,804.56	3/4	2,858.94	3/4	2,913.32	3/4	2,967.70	3/4	3,022.08	3/4	3,076.46	3/4	3,130.36	3/4		3/4	
7/8	2,751.31	7/8	2,805.69	7/8	2,860.08	7/8	2,914.46	7/8	2,968.83	7/8	3,023.21	7/8	3,077.59	7/8	3,131.48	7/8		7/8	

STRAPPED: 07/02/2019 CL
CALCULATED: 07/03/2019 CL
REPRINTED: 07/18/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.
PRECISION MEASUREMENT

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BARGE "KIRBY 29751"

4 STBD

INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-08 3/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	15.69	6	143.56	0	280.76	6	417.96	0	555.17	6	690.18	0	820.94	6	954.08	0	1,091.19	6	1,228.31
1/8	17.66	1/8	146.42	1/8	283.62	1/8	420.82	1/8	558.03	1/8	692.91	1/8	823.66	1/8	956.94	1/8	1,094.05	1/8	1,231.16
1/4	19.62	1/4	149.27	1/4	286.48	1/4	423.68	1/4	560.88	1/4	695.63	1/4	826.39	1/4	959.80	1/4	1,096.91	1/4	1,234.02
3/8	21.59	3/8	152.13	3/8	289.34	3/8	426.54	3/8	563.74	3/8	698.36	3/8	829.11	3/8	962.65	3/8	1,099.76	3/8	1,236.88
1/2	23.56	1/2	154.99	1/2	292.19	1/2	429.40	1/2	566.60	1/2	701.08	1/2	831.84	1/2	965.51	1/2	1,102.62	1/2	1,239.73
5/8	25.53	5/8	157.85	5/8	295.05	5/8	432.26	5/8	569.46	5/8	703.80	5/8	834.56	5/8	968.36	5/8	1,105.48	5/8	1,242.59
3/4	27.50	3/4	160.71	3/4	297.91	3/4	435.11	3/4	572.32	3/4	706.53	3/4	837.29	3/4	971.22	3/4	1,108.33	3/4	1,245.45
7/8	29.47	7/8	163.57	7/8	300.77	7/8	437.97	7/8	575.18	7/8	709.25	7/8	840.01	7/8	974.08	7/8	1,111.19	7/8	1,248.30
1	31.44	7	166.42	1	303.63	7	440.83	1	578.03	7	711.98	1	842.73	7	976.93	1	1,114.05	7	1,251.16
1/8	34.03	1/8	169.28	1/8	306.49	1/8	443.69	1/8	580.89	1/8	714.70	1/8	845.46	1/8	979.79	1/8	1,116.90	1/8	1,254.01
1/4	36.62	1/4	172.14	1/4	309.34	1/4	446.55	1/4	583.75	1/4	717.42	1/4	848.18	1/4	982.65	1/4	1,119.76	1/4	1,256.87
3/8	39.21	3/8	175.00	3/8	312.20	3/8	449.41	3/8	586.61	3/8	720.15	3/8	850.91	3/8	985.50	3/8	1,122.62	3/8	1,259.73
1/2	41.81	1/2	177.86	1/2	315.06	1/2	452.26	1/2	589.47	1/2	722.87	1/2	853.63	1/2	988.36	1/2	1,125.47	1/2	1,262.58
5/8	44.40	5/8	180.72	5/8	317.92	5/8	455.12	5/8	592.33	5/8	725.60	5/8	856.35	5/8	991.22	5/8	1,128.33	5/8	1,265.44
3/4	46.99	3/4	183.57	3/4	320.78	3/4	457.98	3/4	595.18	3/4	728.32	3/4	859.08	3/4	994.07	3/4	1,131.19	3/4	1,268.30
7/8	49.58	7/8	186.43	7/8	323.64	7/8	460.84	7/8	598.04	7/8	731.05	7/8	861.80	7/8	996.93	7/8	1,134.04	7/8	1,271.15
2	52.17	8	189.29	2	326.49	8	463.70	2	600.90	8	733.77	2	864.53	8	999.79	2	1,136.90	8	1,274.01
1/8	55.02	1/8	192.15	1/8	329.35	1/8	466.56	1/8	603.76	1/8	736.49	1/8	867.25	1/8	1,002.64	1/8	1,139.75	1/8	1,276.87
1/4	57.88	1/4	195.01	1/4	332.21	1/4	469.41	1/4	606.62	1/4	739.22	1/4	869.97	1/4	1,005.50	1/4	1,142.61	1/4	1,279.72
3/8	60.73	3/8	197.87	3/8	335.07	3/8	472.27	3/8	609.48	3/8	741.94	3/8	872.70	3/8	1,008.36	3/8	1,145.47	3/8	1,282.58
1/2	63.58	1/2	200.73	1/2	337.93	1/2	475.13	1/2	612.33	1/2	744.67	1/2	875.42	1/2	1,011.21	1/2	1,148.32	1/2	1,285.44
5/8	66.43	5/8	203.58	5/8	340.79	5/8	477.99	5/8	615.19	5/8	747.39	5/8	878.15	5/8	1,014.07	5/8	1,151.18	5/8	1,288.29
3/4	69.28	3/4	206.44	3/4	343.65	3/4	480.85	3/4	618.05	3/4	750.11	3/4	880.87	3/4	1,016.93	3/4	1,154.04	3/4	1,291.15
7/8	72.13	7/8	209.30	7/8	346.50	7/8	483.71	7/8	620.91	7/8	752.84	7/8	883.59	7/8	1,019.78	7/8	1,156.89	7/8	1,294.01
3	74.98	9	212.16	3	349.36	9	486.57	3	623.77	9	755.56	3	886.32	9	1,022.64	3	1,159.75	9	1,296.86
1/8	77.84	1/8	215.02	1/8	352.22	1/8	489.42	1/8	626.60	1/8	758.29	1/8	889.08	1/8	1,025.49	1/8	1,162.61	1/8	1,299.72
1/4	80.69	1/4	217.88	1/4	355.08	1/4	492.28	1/4	629.43	1/4	761.01	1/4	891.83	1/4	1,028.35	1/4	1,165.46	1/4	1,302.58
3/8	83.55	3/8	220.73	3/8	357.94	3/8	495.14	3/8	632.26	3/8	763.73	3/8	894.59	3/8	1,031.21	3/8	1,168.32	3/8	1,305.43
1/2	86.40	1/2	223.59	1/2	360.80	1/2	498.00	1/2	635.08	1/2	766.46	1/2	897.35	1/2	1,034.06	1/2	1,171.18	1/2	1,308.29
5/8	89.26	5/8	226.45	5/8	363.65	5/8	500.86	5/8	637.91	5/8	769.18	5/8	900.11	5/8	1,036.92	5/8	1,174.03	5/8	1,311.14
3/4	92.11	3/4	229.31	3/4	366.51	3/4	503.72	3/4	640.74	3/4	771.91	3/4	902.86	3/4	1,039.78	3/4	1,176.89	3/4	1,314.00
7/8	94.97	7/8	232.17	7/8	369.37	7/8	506.57	7/8	643.57	7/8	774.63	7/8	905.62	7/8	1,042.63	7/8	1,179.75	7/8	1,316.86
4	97.83	10	235.03	4	372.23	10	509.43	4	646.40	10	777.35	4	908.38	10	1,045.49	4	1,182.60	10	1,319.71
1/8	100.68	1/8	237.88	1/8	375.09	1/8	512.29	1/8	649.14	1/8	780.08	1/8	911.23	1/8	1,048.35	1/8	1,185.46	1/8	1,322.57
1/4	103.54	1/4	240.74	1/4	377.95	1/4	515.15	1/4	651.88	1/4	782.80	1/4	914.09	1/4	1,051.20	1/4	1,188.32	1/4	1,325.43
3/8	106.40	3/8	243.60	3/8	380.80	3/8	518.01	3/8	654.61	3/8	785.53	3/8	916.95	3/8	1,054.06	3/8	1,191.17	3/8	1,328.28
1/2	109.26	1/2	246.46	1/2	383.66	1/2	520.87	1/2	657.35	1/2	788.25	1/2	919.80	1/2	1,056.92	1/2	1,194.03	1/2	1,331.14
5/8	112.12	5/8	249.32	5/8	386.52	5/8	523.72	5/8	660.09	5/8	790.98	5/8	922.66	5/8	1,059.77	5/8	1,196.88	5/8	1,334.00
3/4	114.97	3/4	252.18	3/4	389.38	3/4	526.58	3/4	662.83	3/4	793.70	3/4	925.52	3/4	1,062.63	3/4	1,199.74	3/4	1,336.85
7/8	117.83	7/8	255.03	7/8	392.24	7/8	529.44	7/8	665.57	7/8	796.42	7/8	928.37	7/8	1,065.49	7/8	1,202.60	7/8	1,339.71
5	120.69	11	257.89	5	395.10	11	532.30	5	668.31	11	799.15	5	931.23	11	1,068.34	5	1,205.45	11	1,342.57
1/8	123.55	1/8	260.75	1/8	397.95	1/8	535.16	1/8	671.04	1/8	801.87	1/8	934.09	1/8	1,071.20	1/8	1,208.31	1/8	1,345.42
1/4	126.41	1/4	263.61	1/4	400.81	1/4	538.02	1/4	673.78	1/4	804.60	1/4	936.94	1/4	1,074.06	1/4	1,211.17	1/4	1,348.28
3/8	129.27	3/8	266.47	3/8	403.67	3/8	540.87	3/8	676.51	3/8	807.32	3/8	939.80	3/8	1,076.91	3/8	1,214.02	3/8	1,351.14
1/2	132.12	1/2	269.33	1/2	406.53	1/2	543.73	1/2	679.24	1/2	810.04	1/2	942.66	1/2	1,079.77	1/2	1,216.88	1/2	1,353.99
5/8	134.98	5/8	272.19	5/8	409.39	5/8	546.59	5/8	681.98	5/8	812.77	5/8	945.51	5/8	1,082.62	5/8	1,219.74	5/8	1,356.85
3/4	137.84	3/4	275.04	3/4	412.25	3/4	549.45	3/4	684.71	3/4	815.49	3/4	948.37	3/4	1,085.48	3/4	1,222.59	3/4	1,359.71
7/8	140.70	7/8	277.90	7/8	415.11	7/8	552.31	7/8	687.45	7/8	818.22	7/8	951.23	7/8	1,088.34	7/8	1,225.45	7/8	1,362.56

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE

GAUGE POINT: (2" STANDPIPE) LOCATED 12'-00" OFF CENTERLINE AND 32'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 29751"

4 STBD

INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-08 3/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	1,365.42	6	1,502.53	0	1,639.64	6	1,776.75	0	1,913.87	6	2,050.97	0	2,188.07	6	2,325.18	0	2,462.23	6	2,598.38
1/8	1,368.27	1/8	1,505.39	1/8	1,642.50	1/8	1,779.61	1/8	1,916.72	1/8	2,053.83	1/8	2,190.93	1/8	2,328.03	1/8	2,465.07	1/8	2,601.12
1/4	1,371.13	1/4	1,508.24	1/4	1,645.36	1/4	1,782.47	1/4	1,919.58	1/4	2,056.68	1/4	2,193.79	1/4	2,330.89	1/4	2,467.91	1/4	2,603.86
3/8	1,373.99	3/8	1,511.10	3/8	1,648.21	3/8	1,785.32	3/8	1,922.44	3/8	2,059.54	3/8	2,196.64	3/8	2,333.74	3/8	2,470.75	3/8	2,606.59
1/2	1,376.84	1/2	1,513.96	1/2	1,651.07	1/2	1,788.18	1/2	1,925.29	1/2	2,062.40	1/2	2,199.50	1/2	2,336.60	1/2	2,473.59	1/2	2,609.33
5/8	1,379.70	5/8	1,516.81	5/8	1,653.92	5/8	1,791.04	5/8	1,928.15	5/8	2,065.25	5/8	2,202.35	5/8	2,339.46	5/8	2,476.43	5/8	2,612.06
3/4	1,382.56	3/4	1,519.67	3/4	1,656.78	3/4	1,793.89	3/4	1,931.01	3/4	2,068.11	3/4	2,205.21	3/4	2,342.31	3/4	2,479.27	3/4	2,614.80
7/8	1,385.41	7/8	1,522.53	7/8	1,659.64	7/8	1,796.75	7/8	1,933.86	7/8	2,070.96	7/8	2,208.07	7/8	2,345.17	7/8	2,482.11	7/8	2,617.54
1	1,388.27	7	1,525.38	1	1,662.49	7	1,799.61	1	1,936.72	7	2,073.82	1	2,210.92	7	2,348.03	1	2,484.95	7	2,620.27
1/8	1,391.13	1/8	1,528.24	1/8	1,665.35	1/8	1,802.46	1/8	1,939.58	1/8	2,076.68	1/8	2,213.78	1/8	2,350.88	1/8	2,487.79	1/8	2,622.75
1/4	1,393.98	1/4	1,531.10	1/4	1,668.21	1/4	1,805.32	1/4	1,942.43	1/4	2,079.53	1/4	2,216.64	1/4	2,353.74	1/4	2,490.63	1/4	2,625.23
3/8	1,396.84	3/8	1,533.95	3/8	1,671.06	3/8	1,808.18	3/8	1,945.29	3/8	2,082.39	3/8	2,219.49	3/8	2,356.59	3/8	2,493.46	3/8	2,627.71
1/2	1,399.70	1/2	1,536.81	1/2	1,673.92	1/2	1,811.03	1/2	1,948.14	1/2	2,085.25	1/2	2,222.35	1/2	2,359.45	1/2	2,496.30	1/2	2,630.19
5/8	1,402.55	5/8	1,539.66	5/8	1,676.78	5/8	1,813.89	5/8	1,951.00	5/8	2,088.10	5/8	2,225.21	5/8	2,362.31	5/8	2,499.14	5/8	2,632.67
3/4	1,405.41	3/4	1,542.52	3/4	1,679.63	3/4	1,816.75	3/4	1,953.86	3/4	2,090.96	3/4	2,228.06	3/4	2,365.16	3/4	2,501.98	3/4	2,635.15
7/8	1,408.27	7/8	1,545.38	7/8	1,682.49	7/8	1,819.60	7/8	1,956.71	7/8	2,093.82	7/8	2,230.92	7/8	2,368.02	7/8	2,504.82	7/8	2,637.63
2	1,411.12	8	1,548.23	2	1,685.35	8	1,822.46	2	1,959.57	8	2,096.67	2	2,233.77	8	2,370.88	2	2,507.66	8	2,640.10
1/8	1,413.98	1/8	1,551.09	1/8	1,688.20	1/8	1,825.32	1/8	1,962.43	1/8	2,099.53	1/8	2,236.63	1/8	2,373.73	1/8	2,510.50	1/8	2,642.30
1/4	1,416.84	1/4	1,553.95	1/4	1,691.06	1/4	1,828.17	1/4	1,965.28	1/4	2,102.38	1/4	2,239.49	1/4	2,376.59	1/4	2,513.34	1/4	2,644.49
3/8	1,419.69	3/8	1,556.80	3/8	1,693.92	3/8	1,831.03	3/8	1,968.14	3/8	2,105.24	3/8	2,242.34	3/8	2,379.45	3/8	2,516.18	3/8	2,646.68
1/2	1,422.55	1/2	1,559.66	1/2	1,696.77	1/2	1,833.89	1/2	1,970.99	1/2	2,108.10	1/2	2,245.20	1/2	2,382.30	1/2	2,519.02	1/2	2,648.87
5/8	1,425.40	5/8	1,562.52	5/8	1,699.63	5/8	1,836.75	5/8	1,973.85	5/8	2,110.95	5/8	2,248.06	5/8	2,385.16	5/8	2,521.86	5/8	2,651.06
3/4	1,428.26	3/4	1,565.37	3/4	1,702.49	3/4	1,839.60	3/4	1,976.71	3/4	2,113.81	3/4	2,250.91	3/4	2,388.01	3/4	2,524.70	3/4	2,653.25
7/8	1,431.12	7/8	1,568.23	7/8	1,705.34	7/8	1,842.46	7/8	1,979.56	7/8	2,116.67	7/8	2,253.77	7/8	2,390.87	7/8	2,527.53	7/8	2,655.44
3	1,433.97	9	1,571.09	3	1,708.20	9	1,845.32	3	1,982.42	9	2,119.52	3	2,256.62	9	2,393.73	3	2,530.37	9	2,657.63
1/8	1,436.83	1/8	1,573.94	1/8	1,711.05	1/8	1,848.17	1/8	1,985.28	1/8	2,122.38	1/8	2,259.48	1/8	2,396.58	1/8	2,533.21	1/8	2,659.54
1/4	1,439.69	1/4	1,576.80	1/4	1,713.91	1/4	1,851.03	1/4	1,988.13	1/4	2,125.23	1/4	2,262.34	1/4	2,399.44	1/4	2,536.05	1/4	2,661.44
3/8	1,442.54	3/8	1,579.66	3/8	1,716.77	3/8	1,853.89	3/8	1,990.99	3/8	2,128.09	3/8	2,265.19	3/8	2,402.30	3/8	2,538.89	3/8	2,663.35
1/2	1,445.40	1/2	1,582.51	1/2	1,719.62	1/2	1,856.74	1/2	1,993.84	1/2	2,130.95	1/2	2,268.05	1/2	2,405.15	1/2	2,541.73	1/2	2,665.25
5/8	1,448.26	5/8	1,585.37	5/8	1,722.48	5/8	1,859.60	5/8	1,996.70	5/8	2,133.80	5/8	2,270.91	5/8	2,408.01	5/8	2,544.57	5/8	2,667.16
3/4	1,451.11	3/4	1,588.23	3/4	1,725.34	3/4	1,862.46	3/4	1,999.56	3/4	2,136.66	3/4	2,273.76	3/4	2,410.86	3/4	2,547.41	3/4	2,669.06
7/8	1,453.97	7/8	1,591.08	7/8	1,728.19	7/8	1,865.31	7/8	2,002.41	7/8	2,139.52	7/8	2,276.62	7/8	2,413.72	7/8	2,550.25	7/8	2,670.97
4	1,456.83	10	1,593.94	4	1,731.05	10	1,868.17	4	2,005.27	10	2,142.37	4	2,279.47	10	2,416.58	4	2,553.08	10	2,672.87
1/8	1,459.68	1/8	1,596.79	1/8	1,733.91	1/8	1,871.02	1/8	2,008.13	1/8	2,145.23	1/8	2,282.33	1/8	2,419.43	1/8	2,555.92	1/8	2,674.49
1/4	1,462.54	1/4	1,599.65	1/4	1,736.76	1/4	1,873.88	1/4	2,010.98	1/4	2,148.09	1/4	2,285.19	1/4	2,422.29	1/4	2,558.76	1/4	2,676.12
3/8	1,465.40	3/8	1,602.51	3/8	1,739.62	3/8	1,876.74	3/8	2,013.84	3/8	2,150.94	3/8	2,288.04	3/8	2,425.15	3/8	2,561.60	3/8	2,677.74
1/2	1,468.25	1/2	1,605.36	1/2	1,742.48	1/2	1,879.59	1/2	2,016.70	1/2	2,153.80	1/2	2,290.90	1/2	2,428.00	1/2	2,564.43	1/2	2,679.36
5/8	1,471.11	5/8	1,608.22	5/8	1,745.33	5/8	1,882.45	5/8	2,019.55	5/8	2,156.65	5/8	2,293.76	5/8	2,430.86	5/8	2,567.27	5/8	2,680.98
3/4	1,473.97	3/4	1,611.08	3/4	1,748.19	3/4	1,885.31	3/4	2,022.41	3/4	2,159.51	3/4	2,296.61	3/4	2,433.72	3/4	2,570.11	3/4	2,682.61
7/8	1,476.82	7/8	1,613.93	7/8	1,751.05	7/8	1,888.16	7/8	2,025.26	7/8	2,162.37	7/8	2,299.47	7/8	2,436.57	7/8	2,572.94	7/8	2,684.23
5	1,479.68	11	1,616.79	5	1,753.90	11	1,891.02	5	2,028.12	11	2,165.22	5	2,302.33	11	2,439.43	5	2,575.78	11	2,685.85
1/8	1,482.53	1/8	1,619.65	1/8	1,756.76	1/8	1,893.87	1/8	2,030.98	1/8	2,168.08	1/8	2,305.18	1/8	2,442.28	1/8	2,578.61	1/8	2,687.20
1/4	1,485.39	1/4	1,622.50	1/4	1,759.62	1/4	1,896.73	1/4	2,033.83	1/4	2,170.94	1/4	2,308.04	1/4	2,445.13	1/4	2,581.43	1/4	2,688.55
3/8	1,488.25	3/8	1,625.36	3/8	1,762.47	3/8	1,899.59	3/8	2,036.69	3/8	2,173.79	3/8	2,310.89	3/8	2,447.98	3/8	2,584.26	3/8	2,689.90
1/2	1,491.10	1/2	1,628.22	1/2	1,765.33	1/2	1,902.44	1/2	2,039.55	1/2	2,176.65	1/2	2,313.75	1/2	2,450.83	1/2	2,587.08	1/2	2,691.24
5/8	1,493.96	5/8	1,631.07	5/8	1,768.18	5/8	1,905.30	5/8	2,042.40	5/8	2,179.50	5/8	2,316.61	5/8	2,453.68	5/8	2,589.91	5/8	2,692.59
3/4	1,496.82	3/4	1,633.93	3/4	1,771.04	3/4	1,908.16	3/4	2,045.26	3/4	2,182.36	3/4	2,319.46	3/4	2,456.53	3/4	2,592.73	3/4	2,693.94
7/8	1,499.67	7/8	1,636.79	7/8	1,773.90	7/8	1,911.01	7/8	2,048.11	7/8	2,185.22	7/8	2,322.32	7/8	2,459.38	7/8	2,595.56	7/8	2,695.29

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BARGE "KIRBY 29751"

4 STBD INNAGE TABLE

PLEASE NOTE: OPEN ALL HATCHES TO INSURE PROPER GAUGES ARE OBTAINED

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "504"

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	2,696.63	6	2,751.37	0	2,805.89	6	2,860.41	0	2,914.92	6	2,969.43	0	3,023.95	6	3,078.46	0	3,132.48	6	
1/8	2,697.80	1/8	2,752.51	1/8	2,807.02	1/8	2,861.54	1/8	2,916.05	1/8	2,970.57	1/8	3,025.08	1/8	3,079.59	1/8	3,133.57	1/8	
1/4	2,698.96	1/4	2,753.64	1/4	2,808.16	1/4	2,862.68	1/4	2,917.19	1/4	2,971.70	1/4	3,026.22	1/4	3,080.72	1/4	3,134.67	1/4	
3/8	2,700.12	3/8	2,754.78	3/8	2,809.30	3/8	2,863.81	3/8	2,918.33	3/8	2,972.84	3/8	3,027.35	3/8	3,081.86	3/8	3,135.77	3/8	
1/2	2,701.29	1/2	2,755.91	1/2	2,810.43	1/2	2,864.95	1/2	2,919.46	1/2	2,973.98	1/2	3,028.49	1/2	3,082.99	1/2	3,136.86	1/2	
5/8	2,702.45	5/8	2,757.05	5/8	2,811.57	5/8	2,866.08	5/8	2,920.60	5/8	2,975.11	5/8	3,029.62	5/8	3,084.12	5/8	3,137.96	5/8	
3/4	2,703.61	3/4	2,758.18	3/4	2,812.70	3/4	2,867.22	3/4	2,921.73	3/4	2,976.25	3/4	3,030.76	3/4	3,085.25	3/4	3,139.06	3/4	
7/8	2,704.77	7/8	2,759.32	7/8	2,813.84	7/8	2,868.36	7/8	2,922.87	7/8	2,977.38	7/8	3,031.90	7/8	3,086.39	7/8	3,140.15	7/8	
1	2,705.94	7	2,760.46	1	2,814.97	7	2,869.49	1	2,924.00	7	2,978.52	1	3,033.03	7	3,087.52	1	3,141.25	7	
1/8	2,707.07	1/8	2,761.59	1/8	2,816.11	1/8	2,870.63	1/8	2,925.14	1/8	2,979.65	1/8	3,034.17	1/8	3,088.64	1/8	3,142.23	1/8	
1/4	2,708.21	1/4	2,762.73	1/4	2,817.25	1/4	2,871.76	1/4	2,926.28	1/4	2,980.79	1/4	3,035.30	1/4	3,089.77	1/4	3,143.21	1/4	
3/8	2,709.34	3/8	2,763.86	3/8	2,818.38	3/8	2,872.90	3/8	2,927.41	3/8	2,981.93	3/8	3,036.44	3/8	3,090.89	3/8	3,144.20	3/8	
1/2	2,710.48	1/2	2,765.00	1/2	2,819.52	1/2	2,874.03	1/2	2,928.55	1/2	2,983.06	1/2	3,037.57	1/2	3,092.02	1/2	3,145.18	1/2	
5/8	2,711.62	5/8	2,766.13	5/8	2,820.65	5/8	2,875.17	5/8	2,929.68	5/8	2,984.20	5/8	3,038.71	5/8	3,093.14	5/8	3,146.16	5/8	
3/4	2,712.75	3/4	2,767.27	3/4	2,821.79	3/4	2,876.31	3/4	2,930.82	3/4	2,985.33	3/4	3,039.85	3/4	3,094.26	3/4	3,147.14	3/4	
7/8	2,713.89	7/8	2,768.41	7/8	2,822.92	7/8	2,877.44	7/8	2,931.95	7/8	2,986.47	7/8	3,040.98	7/8	3,095.39	7/8	3,148.13	7/8	
2	2,715.02	8	2,769.54	2	2,824.06	8	2,878.58	2	2,933.09	8	2,987.60	2	3,042.12	8	3,096.51	2	3,149.11	8	
1/8	2,716.16	1/8	2,770.68	1/8	2,825.20	1/8	2,879.71	1/8	2,934.23	1/8	2,988.74	1/8	3,043.25	1/8	3,097.64	1/8	3,149.90	1/8	
1/4	2,717.30	1/4	2,771.81	1/4	2,826.33	1/4	2,880.85	1/4	2,935.36	1/4	2,989.87	1/4	3,044.39	1/4	3,098.76	1/4	3,150.69	1/4	
3/8	2,718.43	3/8	2,772.95	3/8	2,827.47	3/8	2,881.98	3/8	2,936.50	3/8	2,991.01	3/8	3,045.52	3/8	3,099.89	3/8	3,151.49	3/8	
1/2	2,719.57	1/2	2,774.09	1/2	2,828.60	1/2	2,883.12	1/2	2,937.63	1/2	2,992.15	1/2	3,046.66	1/2	3,101.01	1/2	3,152.28	1/2	
5/8	2,720.70	5/8	2,775.22	5/8	2,829.74	5/8	2,884.25	5/8	2,938.77	5/8	2,993.28	5/8	3,047.80	5/8	3,102.14	5/8	3,153.07	5/8	
3/4	2,721.84	3/4	2,776.36	3/4	2,830.88	3/4	2,885.39	3/4	2,939.90	3/4	2,994.42	3/4	3,048.93	3/4	3,103.26	3/4	3,153.87	3/4	
7/8	2,722.97	7/8	2,777.49	7/8	2,832.01	7/8	2,886.53	7/8	2,941.04	7/8	2,995.55	7/8	3,050.07	7/8	3,104.39	7/8	3,154.66	7/8	
3	2,724.11	9	2,778.63	3	2,833.15	9	2,887.66	3	2,942.18	9	2,996.69	3	3,051.20	9	3,105.51	3	3,155.45	9	
1/8	2,725.25	1/8	2,779.76	1/8	2,834.28	1/8	2,888.80	1/8	2,943.31	1/8	2,997.82	1/8	3,052.34	1/8	3,106.63	1/8		1/8	
1/4	2,726.38	1/4	2,780.90	1/4	2,835.42	1/4	2,889.93	1/4	2,944.45	1/4	2,998.96	1/4	3,053.47	1/4	3,107.76	1/4		1/4	
3/8	2,727.52	3/8	2,782.04	3/8	2,836.55	3/8	2,891.07	3/8	2,945.58	3/8	3,000.10	3/8	3,054.61	3/8	3,108.88	3/8		3/8	
1/2	2,728.65	1/2	2,783.17	1/2	2,837.69	1/2	2,892.20	1/2	2,946.72	1/2	3,001.23	1/2	3,055.75	1/2	3,110.01	1/2		1/2	
5/8	2,729.79	5/8	2,784.31	5/8	2,838.83	5/8	2,893.34	5/8	2,947.85	5/8	3,002.37	5/8	3,056.88	5/8	3,111.13	5/8		5/8	
3/4	2,730.92	3/4	2,785.44	3/4	2,839.96	3/4	2,894.48	3/4	2,948.99	3/4	3,003.50	3/4	3,058.02	3/4	3,112.26	3/4		3/4	
7/8	2,732.06	7/8	2,786.58	7/8	2,841.10	7/8	2,895.61	7/8	2,950.13	7/8	3,004.64	7/8	3,059.15	7/8	3,113.38	7/8		7/8	
4	2,733.20	10	2,787.71	4	2,842.23	10	2,896.75	4	2,951.26	10	3,005.77	4	3,060.29	10	3,114.51	4		10	
1/8	2,734.33	1/8	2,788.85	1/8	2,843.37	1/8	2,897.88	1/8	2,952.40	1/8	3,006.91	1/8	3,061.42	1/8	3,115.63	1/8		1/8	
1/4	2,735.47	1/4	2,789.99	1/4	2,844.51	1/4	2,899.02	1/4	2,953.53	1/4	3,008.05	1/4	3,062.56	1/4	3,116.75	1/4		1/4	
3/8	2,736.60	3/8	2,791.12	3/8	2,845.64	3/8	2,900.15	3/8	2,954.67	3/8	3,009.18	3/8	3,063.70	3/8	3,117.88	3/8		3/8	
1/2	2,737.74	1/2	2,792.26	1/2	2,846.78	1/2	2,901.29	1/2	2,955.80	1/2	3,010.32	1/2	3,064.83	1/2	3,119.00	1/2		1/2	
5/8	2,738.88	5/8	2,793.39	5/8	2,847.91	5/8	2,902.43	5/8	2,956.94	5/8	3,011.45	5/8	3,065.97	5/8	3,120.13	5/8		5/8	
3/4	2,740.01	3/4	2,794.53	3/4	2,849.05	3/4	2,903.56	3/4	2,958.08	3/4	3,012.59	3/4	3,067.10	3/4	3,121.25	3/4		3/4	
7/8	2,741.15	7/8	2,795.67	7/8	2,850.18	7/8	2,904.70	7/8	2,959.21	7/8	3,013.72	7/8	3,068.24	7/8	3,122.38	7/8		7/8	
5	2,742.28	11	2,796.80	5	2,851.32	11	2,905.83	5	2,960.35	11	3,014.86	5	3,069.37	11	3,123.50	5		11	
1/8	2,743.42	1/8	2,797.94	1/8	2,852.46	1/8	2,906.97	1/8	2,961.48	1/8	3,016.00	1/8	3,070.51	1/8	3,124.62	1/8		1/8	
1/4	2,744.55	1/4	2,799.07	1/4	2,853.59	1/4	2,908.10	1/4	2,962.62	1/4	3,017.13	1/4	3,071.65	1/4	3,125.74	1/4		1/4	
3/8	2,745.69	3/8	2,800.21	3/8	2,854.73	3/8	2,909.24	3/8	2,963.75	3/8	3,018.27	3/8	3,072.78	3/8	3,126.87	3/8		3/8	
1/2	2,746.83	1/2	2,801.34	1/2	2,855.86	1/2	2,910.38	1/2	2,964.89	1/2	3,019.40	1/2	3,073.92	1/2	3,127.99	1/2		1/2	
5/8	2,747.96	5/8	2,802.48	5/8	2,857.00	5/8	2,911.51	5/8	2,966.03	5/8	3,020.54	5/8	3,075.05	5/8	3,129.11	5/8		5/8	
3/4	2,749.10	3/4	2,803.62	3/4	2,858.13	3/4	2,912.65	3/4	2,967.16	3/4	3,021.67	3/4	3,076.19	3/4	3,130.23	3/4		3/4	
7/8	2,750.23	7/8	2,804.75	7/8	2,859.27	7/8	2,913.78	7/8	2,968.30	7/8	3,022.81	7/8	3,077.32	7/8	3,131.35	7/8		7/8	

STRAPPED: 07/02/2019 CL
CALCULATED: 07/03/2019 CL
REPRINTED: 07/18/2019 CL

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BARGE "KIRBY 29751"

INNAGE TRIM TABLE

FORMERLY "504"

	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	-00-0/8	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	-00-1/8	00-1/8
1 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	-00-1/8	00-1/8	-00-1/8	00-1/8
2 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	00-0/8	00-0/8
2 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	00-0/8	00-0/8
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	00-0/8	00-0/8
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	00-0/8	00-0/8
4 PORT	*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*	
4 STBD	*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*	

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT	=	2'-00"
AFT DRAFT	=	7'-00"
DIFF.	=	5'-00"

THE CORRECTION FOR 5'-00" TRIM DOWN BY THE STERN FOR 1 PORT IS 00-1/8"

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



BARGE "KIRBY 29751"

INNAGE TRIM TABLE

FORMERLY "504"

	7 FT		8 FT		9 FT		10 FT		11 FT		12 FT	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	-00-1/8	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
1 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
2 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	00-0/8	00-0/8
2 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	00-0/8	00-0/8
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	00-0/8	00-0/8
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	00-0/8	00-0/8
4 PORT	*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*	
4 STBD	*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*		*SEE PAGE 3*	

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT	=	2'-00"
AFT DRAFT	=	7'-00"
DIFF.	=	<u>5'-00"</u>

THE CORRECTION FOR 5'-00" TRIM DOWN BY THE STERN FOR 1 PORT IS 00-1/8"

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

BARGE "KIRBY 29751"

CONDITIONAL INNAGE TRIM TABLE FOR 4 PORT & 4 STARBOARD

****IF THE 4 PORT/4 STBD INNAGE GAUGE IS 9' 8 5/8" OR UNDER, USE THE TRIM CORRECTION TABLE BELOW!****

	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>
4 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	00-0/8	-00-0/8
4 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	00-0/8	-00-0/8
	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>
4 PORT	00-0/8	-00-0/8	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
4 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

****IF THE 4 PORT/4 STBD INNAGE GAUGE IS 9' 8 3/4" OR OVER, USE THE TRIM CORRECTION TABLE BELOW!****

	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>
4 PORT	1-0/8	-1-0/8	2-0/8	-2-0/8	3-0/8	-3-0/8	4-1/8	-4-1/8	5-1/8	-5-1/8	6-1/8	-6-1/8
4 STBD	1-0/8	-1-0/8	2-0/8	-2-0/8	3-0/8	-3-0/8	4-1/8	-4-1/8	5-1/8	-5-1/8	6-1/8	-6-1/8
	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>
4 PORT	7-1/8	-7-1/8	8-1/8	-8-1/8	9-1/8	-9-1/8	10-2/8	-10-2/8	11-2/8	-11-2/8	12-2/8	-12-2/8
4 STBD	7-1/8	-7-1/8	8-1/8	-8-1/8	9-1/8	-9-1/8	10-2/8	-10-2/8	11-2/8	-11-2/8	12-2/8	-12-2/8

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00" AFT DRAFT = 10'-00" DIFF. = 8'-00" DOWN BY STERN

THE CORRECTION FOR 8'-00" TRIM DOWN BY THE STERN FOR 4 PORT IS -00-1/8" (IF THE INNAGE GAUGE IS 9'-8 5/8" OR LESS) OR -8-1/8" (IF THE INNAGE GAUGE IS 9'-8 3/4" OR MORE)

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

FOR A MEASURED INNAGE GAUGE OF 10'-00" ON 4 PORT, THE TRIM CORRECTED INNAGE IS 9'-3 7/8"

