

BARGE "KIRBY 28738"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

LENGTH BETWEEN DRAFT MARKS: 235'-09"

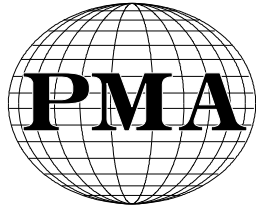
July 5, 2022

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 PORT IS 01-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT THE TRIM CORRECTED INNAGE IS 4'-01 3/8"



BARGE "KIRBY 28738"

INNAGE TRIM TABLE

	7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-2/8	00-2/8	- 00-3/8	00-3/8
1 STBD	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 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	- 04-7/8	04-7/8	- 05-1/2	05-1/2	- 06-1/4	06-1/4	- 07-0/8	07-0/8	- 07-5/8	07-5/8	- 08-3/8	08-3/8
3 STBD	- 04-7/8	04-7/8	- 05-1/2	05-1/2	- 06-1/4	06-1/4	- 07-0/8	07-0/8	- 07-5/8	07-5/8	- 08-3/8	08-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

LENGTH BETWEEN DRAFT MARKS: 235'-09"

July 5, 2022

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BARGE "KIRBY 28738"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	22.28	6	155.75	0	312.51	6	483.14	0	657.87	6	836.61	0	1,014.66	6	1,193.42	0	1,372.69	6	1,551.95
1/8	24.05	1/8	158.84	1/8	315.97	1/8	486.76	1/8	661.60	1/8	840.32	1/8	1,018.38	1/8	1,197.16	1/8	1,376.42	1/8	1,555.68
1/4	25.81	1/4	161.94	1/4	319.43	1/4	490.38	1/4	665.33	1/4	844.03	1/4	1,022.09	1/4	1,200.89	1/4	1,380.15	1/4	1,559.42
3/8	27.57	3/8	165.03	3/8	322.89	3/8	494.00	3/8	669.07	3/8	847.74	3/8	1,025.80	3/8	1,204.63	3/8	1,383.89	3/8	1,563.15
1/2	29.34	1/2	168.13	1/2	326.35	1/2	497.61	1/2	672.80	1/2	851.45	1/2	1,029.51	1/2	1,208.36	1/2	1,387.62	1/2	1,566.88
5/8	31.10	5/8	171.22	5/8	329.80	5/8	501.23	5/8	676.54	5/8	855.16	5/8	1,033.23	5/8	1,212.10	5/8	1,391.36	5/8	1,570.62
3/4	32.87	3/4	174.32	3/4	333.26	3/4	504.85	3/4	680.27	3/4	858.87	3/4	1,036.94	3/4	1,215.83	3/4	1,395.09	3/4	1,574.35
7/8	35.49	7/8	177.45	7/8	336.77	7/8	508.48	7/8	684.01	7/8	862.58	7/8	1,040.65	7/8	1,219.57	7/8	1,398.83	7/8	1,578.09
1	38.12	7	180.59	1	340.27	7	512.11	1	687.74	7	866.28	1	1,044.37	7	1,223.30	1	1,402.56	7	1,581.82
1/8	40.74	1/8	183.73	1/8	343.77	1/8	515.75	1/8	691.48	1/8	869.99	1/8	1,048.08	1/8	1,227.04	1/8	1,406.30	1/8	1,585.56
1/4	43.36	1/4	186.87	1/4	347.28	1/4	519.38	1/4	695.21	1/4	873.70	1/4	1,051.80	1/4	1,230.77	1/4	1,410.03	1/4	1,589.29
3/8	45.99	3/8	190.01	3/8	350.78	3/8	523.02	3/8	698.94	3/8	877.41	3/8	1,055.51	3/8	1,234.51	3/8	1,413.77	3/8	1,593.03
1/2	48.61	1/2	193.15	1/2	354.28	1/2	526.65	1/2	702.68	1/2	881.12	1/2	1,059.23	1/2	1,238.24	1/2	1,417.50	1/2	1,596.76
5/8	51.24	5/8	196.28	5/8	357.79	5/8	530.28	5/8	706.41	5/8	884.83	5/8	1,062.94	5/8	1,241.97	5/8	1,421.24	5/8	1,600.50
3/4	53.86	3/4	199.42	3/4	361.29	3/4	533.92	3/4	710.15	3/4	888.54	3/4	1,066.66	3/4	1,245.71	3/4	1,424.97	3/4	1,604.23
7/8	56.88	7/8	202.61	7/8	364.84	7/8	537.55	7/8	713.88	7/8	892.25	7/8	1,070.38	7/8	1,249.44	7/8	1,428.70	7/8	1,607.97
2	59.90	8	205.79	2	368.38	8	541.18	2	717.62	8	895.96	2	1,074.10	8	1,253.18	2	1,432.44	8	1,611.70
1/8	62.82	1/8	208.97	1/8	371.93	1/8	544.82	1/8	721.35	1/8	899.67	1/8	1,077.82	1/8	1,256.91	1/8	1,436.17	1/8	1,615.43
1/4	65.74	1/4	212.15	1/4	375.48	1/4	548.45	1/4	725.08	1/4	903.38	1/4	1,081.53	1/4	1,260.65	1/4	1,439.91	1/4	1,619.17
3/8	68.66	3/8	215.34	3/8	379.03	3/8	552.09	3/8	728.82	3/8	907.08	3/8	1,085.25	3/8	1,264.38	3/8	1,443.64	3/8	1,622.90
1/2	71.57	1/2	218.52	1/2	382.57	1/2	555.72	1/2	732.55	1/2	910.79	1/2	1,088.97	1/2	1,268.12	1/2	1,447.38	1/2	1,626.64
5/8	74.49	5/8	221.70	5/8	386.12	5/8	559.35	5/8	736.29	5/8	914.50	5/8	1,092.69	5/8	1,271.85	5/8	1,451.11	5/8	1,630.37
3/4	77.41	3/4	224.88	3/4	389.67	3/4	562.99	3/4	740.02	3/4	918.21	3/4	1,096.41	3/4	1,275.59	3/4	1,454.85	3/4	1,634.11
7/8	80.37	7/8	228.11	7/8	393.26	7/8	566.62	7/8	743.75	7/8	921.92	7/8	1,100.14	7/8	1,279.32	7/8	1,458.58	7/8	1,637.84
3	83.34	9	231.33	3	396.85	9	570.25	3	747.48	9	925.63	3	1,103.86	9	1,283.05	3	1,462.32	9	1,641.58
1/8	86.30	1/8	234.66	1/8	400.44	1/8	573.89	1/8	751.21	1/8	929.34	1/8	1,107.58	1/8	1,286.79	1/8	1,466.05	1/8	1,645.31
1/4	89.26	1/4	237.99	1/4	404.03	1/4	577.52	1/4	754.94	1/4	933.05	1/4	1,111.31	1/4	1,290.52	1/4	1,469.78	1/4	1,649.05
3/8	92.22	3/8	241.32	3/8	407.63	3/8	581.16	3/8	758.66	3/8	936.76	3/8	1,115.03	3/8	1,294.26	3/8	1,473.52	3/8	1,652.78
1/2	95.18	1/2	244.64	1/2	411.22	1/2	584.79	1/2	762.39	1/2	940.47	1/2	1,118.75	1/2	1,297.99	1/2	1,477.25	1/2	1,656.51
5/8	98.15	5/8	247.97	5/8	414.81	5/8	588.42	5/8	766.12	5/8	944.18	5/8	1,122.48	5/8	1,301.73	5/8	1,480.99	5/8	1,660.25
3/4	101.11	3/4	251.30	3/4	418.40	3/4	592.06	3/4	769.85	3/4	947.88	3/4	1,126.20	3/4	1,305.46	3/4	1,484.72	3/4	1,663.98
7/8	104.12	7/8	254.67	7/8	422.04	7/8	595.69	7/8	773.56	7/8	951.59	7/8	1,129.94	7/8	1,309.20	7/8	1,488.46	7/8	1,667.72
4	107.12	10	258.04	4	425.67	10	599.32	4	777.27	10	955.30	4	1,133.67	10	1,312.93	4	1,492.19	10	1,671.45
1/8	110.13	1/8	261.41	1/8	429.31	1/8	602.96	1/8	780.98	1/8	959.01	1/8	1,137.41	1/8	1,316.67	1/8	1,495.93	1/8	1,675.19
1/4	113.13	1/4	264.78	1/4	432.94	1/4	606.59	1/4	784.68	1/4	962.72	1/4	1,141.14	1/4	1,320.40	1/4	1,499.66	1/4	1,678.92
3/8	116.14	3/8	268.15	3/8	436.58	3/8	610.22	3/8	788.39	3/8	966.43	3/8	1,144.87	3/8	1,324.14	3/8	1,503.40	3/8	1,682.66
1/2	119.15	1/2	271.53	1/2	440.21	1/2	613.86	1/2	792.10	1/2	970.14	1/2	1,148.61	1/2	1,327.87	1/2	1,507.13	1/2	1,686.39
5/8	122.15	5/8	274.90	5/8	443.75	5/8	617.49	5/8	795.81	5/8	973.85	5/8	1,152.34	5/8	1,331.60	5/8	1,510.87	5/8	1,690.13
3/4	125.16	3/4	278.27	3/4	447.28	3/4	621.13	3/4	799.52	3/4	977.56	3/4	1,156.08	3/4	1,335.34	3/4	1,514.60	3/4	1,693.86
7/8	128.21	7/8	281.68	7/8	450.86	7/8	624.76	7/8	803.23	7/8	981.27	7/8	1,159.81	7/8	1,339.07	7/8	1,518.33	7/8	1,697.60
5	131.26	11	285.10	5	454.44	11	628.39	5	806.94	11	984.98	5	1,163.55	11	1,342.81	5	1,522.07	11	1,701.33
1/8	134.31	1/8	288.51	1/8	458.02	1/8	632.03	1/8	810.65	1/8	988.69	1/8	1,167.28	1/8	1,346.54	1/8	1,525.80	1/8	1,705.06
1/4	137.36	1/4	291.93	1/4	461.60	1/4	635.66	1/4	814.36	1/4	992.40	1/4	1,171.02	1/4	1,350.28	1/4	1,529.54	1/4	1,708.80
3/8	140.41	3/8	295.34	3/8	465.17	3/8	639.29	3/8	818.07	3/8	996.11	3/8	1,174.75	3/8	1,354.01	3/8	1,533.27	3/8	1,712.53
1/2	143.46	1/2	298.76	1/2	468.75	1/2	642.93	1/2	821.78	1/2	999.82	1/2	1,178.49	1/2	1,357.75	1/2	1,537.01	1/2	1,716.27
5/8	146.51	5/8	302.17	5/8	472.33	5/8	646.66	5/8	825.48	5/8	1,003.53	5/8	1,182.22	5/8	1,361.48	5/8	1,540.74	5/8	1,720.00
3/4	149.56	3/4	305.59	3/4	475.91	3/4	650.40	3/4	829.19	3/4	1,007.24	3/4	1,185.96	3/4	1,365.22	3/4	1,544.48	3/4	1,723.74
7/8	152.66	7/8	309.05	7/8	479.53	7/8	654.13	7/8	832.90	7/8	1,010.95	7/8	1,189.69	7/8	1,368.95	7/8	1,548.21	7/8	1,727.47

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 28738"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,731.21	6	1,910.47	0	2,089.73	6	2,268.99	0	2,448.25	6	2,627.51	0	2,806.77	6	2,985.97	0	3,165.13	6	3,344.29
1/8	1,734.94	1/8	1,914.20	1/8	2,093.46	1/8	2,272.72	1/8	2,451.98	1/8	2,631.25	1/8	2,810.51	1/8	2,989.71	1/8	3,168.87	1/8	3,348.03
1/4	1,738.68	1/4	1,917.94	1/4	2,097.20	1/4	2,276.46	1/4	2,455.72	1/4	2,634.98	1/4	2,814.24	1/4	2,993.44	1/4	3,172.60	1/4	3,351.76
3/8	1,742.41	3/8	1,921.67	3/8	2,100.93	3/8	2,280.19	3/8	2,459.45	3/8	2,638.71	3/8	2,817.98	3/8	2,997.17	3/8	3,176.33	3/8	3,355.49
1/2	1,746.15	1/2	1,925.41	1/2	2,104.67	1/2	2,283.93	1/2	2,463.19	1/2	2,642.45	1/2	2,821.71	1/2	3,000.90	1/2	3,180.06	1/2	3,359.22
5/8	1,749.88	5/8	1,929.14	5/8	2,108.40	5/8	2,287.66	5/8	2,466.92	5/8	2,646.18	5/8	2,825.44	5/8	3,004.64	5/8	3,183.80	5/8	3,362.96
3/4	1,753.61	3/4	1,932.88	3/4	2,112.14	3/4	2,291.40	3/4	2,470.66	3/4	2,649.92	3/4	2,829.18	3/4	3,008.37	3/4	3,187.53	3/4	3,366.69
7/8	1,757.35	7/8	1,936.61	7/8	2,115.87	7/8	2,295.13	7/8	2,474.39	7/8	2,653.65	7/8	2,832.91	7/8	3,012.10	7/8	3,191.26	7/8	3,370.42
1	1,761.08	7	1,940.34	1	2,119.61	7	2,298.87	1	2,478.13	7	2,657.39	1	2,836.65	7	3,015.83	1	3,194.99	7	3,374.15
1/8	1,764.82	1/8	1,944.08	1/8	2,123.34	1/8	2,302.60	1/8	2,481.86	1/8	2,661.12	1/8	2,840.38	1/8	3,019.57	1/8	3,198.73	1/8	3,377.89
1/4	1,768.55	1/4	1,947.81	1/4	2,127.07	1/4	2,306.34	1/4	2,485.60	1/4	2,664.86	1/4	2,844.12	1/4	3,023.30	1/4	3,202.46	1/4	3,381.62
3/8	1,772.29	3/8	1,951.55	3/8	2,130.81	3/8	2,310.07	3/8	2,489.33	3/8	2,668.59	3/8	2,847.85	3/8	3,027.03	3/8	3,206.19	3/8	3,385.35
1/2	1,776.02	1/2	1,955.28	1/2	2,134.54	1/2	2,313.80	1/2	2,493.07	1/2	2,672.33	1/2	2,851.59	1/2	3,030.76	1/2	3,209.92	1/2	3,389.08
5/8	1,779.76	5/8	1,959.02	5/8	2,138.28	5/8	2,317.54	5/8	2,496.80	5/8	2,676.06	5/8	2,855.32	5/8	3,034.50	5/8	3,213.66	5/8	3,392.82
3/4	1,783.49	3/4	1,962.75	3/4	2,142.01	3/4	2,321.27	3/4	2,500.53	3/4	2,679.80	3/4	2,859.06	3/4	3,038.23	3/4	3,217.39	3/4	3,396.55
7/8	1,787.23	7/8	1,966.49	7/8	2,145.75	7/8	2,325.01	7/8	2,504.27	7/8	2,683.53	7/8	2,862.79	7/8	3,041.96	7/8	3,221.12	7/8	3,400.28
2	1,790.96	8	1,970.22	2	2,149.48	8	2,328.74	2	2,508.00	8	2,687.26	2	2,866.53	8	3,045.69	2	3,224.85	8	3,404.01
1/8	1,794.70	1/8	1,973.96	1/8	2,153.22	1/8	2,332.48	1/8	2,511.74	1/8	2,691.00	1/8	2,870.26	1/8	3,049.43	1/8	3,228.59	1/8	3,407.75
1/4	1,798.43	1/4	1,977.69	1/4	2,156.95	1/4	2,336.21	1/4	2,515.47	1/4	2,694.73	1/4	2,873.99	1/4	3,053.16	1/4	3,232.32	1/4	3,411.48
3/8	1,802.16	3/8	1,981.43	3/8	2,160.69	3/8	2,339.95	3/8	2,519.21	3/8	2,698.47	3/8	2,877.73	3/8	3,056.89	3/8	3,236.05	3/8	3,415.21
1/2	1,805.90	1/2	1,985.16	1/2	2,164.42	1/2	2,343.68	1/2	2,522.94	1/2	2,702.20	1/2	2,881.46	1/2	3,060.62	1/2	3,239.78	1/2	3,418.94
5/8	1,809.63	5/8	1,988.89	5/8	2,168.16	5/8	2,347.42	5/8	2,526.68	5/8	2,705.94	5/8	2,885.20	5/8	3,064.36	5/8	3,243.52	5/8	3,422.68
3/4	1,813.37	3/4	1,992.63	3/4	2,171.89	3/4	2,351.15	3/4	2,530.41	3/4	2,709.67	3/4	2,888.93	3/4	3,068.09	3/4	3,247.25	3/4	3,426.41
7/8	1,817.10	7/8	1,996.36	7/8	2,175.62	7/8	2,354.89	7/8	2,534.15	7/8	2,713.41	7/8	2,892.66	7/8	3,071.82	7/8	3,250.98	7/8	3,430.14
3	1,820.84	9	2,000.10	3	2,179.36	9	2,358.62	3	2,537.88	9	2,717.14	3	2,896.40	9	3,075.55	3	3,254.71	9	3,433.87
1/8	1,824.57	1/8	2,003.83	1/8	2,183.09	1/8	2,362.35	1/8	2,541.62	1/8	2,720.88	1/8	2,900.13	1/8	3,079.29	1/8	3,258.45	1/8	3,437.61
1/4	1,828.31	1/4	2,007.57	1/4	2,186.83	1/4	2,366.09	1/4	2,545.35	1/4	2,724.61	1/4	2,903.86	1/4	3,083.02	1/4	3,262.18	1/4	3,441.34
3/8	1,832.04	3/8	2,011.30	3/8	2,190.56	3/8	2,369.82	3/8	2,549.08	3/8	2,728.35	3/8	2,907.59	3/8	3,086.75	3/8	3,265.91	3/8	3,445.07
1/2	1,835.78	1/2	2,015.04	1/2	2,194.30	1/2	2,373.56	1/2	2,552.82	1/2	2,732.08	1/2	2,911.32	1/2	3,090.48	1/2	3,269.64	1/2	3,448.80
5/8	1,839.51	5/8	2,018.77	5/8	2,198.03	5/8	2,377.29	5/8	2,556.55	5/8	2,735.81	5/8	2,915.06	5/8	3,094.22	5/8	3,273.38	5/8	3,452.54
3/4	1,843.24	3/4	2,022.51	3/4	2,201.77	3/4	2,381.03	3/4	2,560.29	3/4	2,739.55	3/4	2,918.79	3/4	3,097.95	3/4	3,277.11	3/4	3,456.27
7/8	1,846.98	7/8	2,026.24	7/8	2,205.50	7/8	2,384.76	7/8	2,564.02	7/8	2,743.28	7/8	2,922.52	7/8	3,101.68	7/8	3,280.84	7/8	3,460.00
4	1,850.71	10	2,029.97	4	2,209.24	10	2,388.50	4	2,567.76	10	2,747.02	4	2,926.25	10	3,105.41	4	3,284.57	10	3,463.73
1/8	1,854.45	1/8	2,033.71	1/8	2,212.97	1/8	2,392.23	1/8	2,571.49	1/8	2,750.75	1/8	2,929.99	1/8	3,109.15	1/8	3,288.31	1/8	3,467.47
1/4	1,858.18	1/4	2,037.44	1/4	2,216.70	1/4	2,395.97	1/4	2,575.23	1/4	2,754.49	1/4	2,933.72	1/4	3,112.88	1/4	3,292.04	1/4	3,471.20
3/8	1,861.92	3/8	2,041.18	3/8	2,220.44	3/8	2,399.70	3/8	2,578.96	3/8	2,758.22	3/8	2,937.45	3/8	3,116.61	3/8	3,295.77	3/8	3,474.93
1/2	1,865.65	1/2	2,044.91	1/2	2,224.17	1/2	2,403.43	1/2	2,582.70	1/2	2,761.96	1/2	2,941.18	1/2	3,120.34	1/2	3,299.50	1/2	3,478.66
5/8	1,869.39	5/8	2,048.65	5/8	2,227.91	5/8	2,407.17	5/8	2,586.43	5/8	2,765.69	5/8	2,944.92	5/8	3,124.08	5/8	3,303.24	5/8	3,482.40
3/4	1,873.12	3/4	2,052.38	3/4	2,231.64	3/4	2,410.90	3/4	2,590.16	3/4	2,769.43	3/4	2,948.65	3/4	3,127.81	3/4	3,306.97	3/4	3,486.13
7/8	1,876.86	7/8	2,056.12	7/8	2,235.38	7/8	2,414.64	7/8	2,593.90	7/8	2,773.16	7/8	2,952.38	7/8	3,131.54	7/8	3,310.70	7/8	3,489.86
5	1,880.59	11	2,059.85	5	2,239.11	11	2,418.37	5	2,597.63	11	2,776.89	5	2,956.11	11	3,135.27	5	3,314.43	11	3,493.59
1/8	1,884.33	1/8	2,063.59	1/8	2,242.85	1/8	2,422.11	1/8	2,601.37	1/8	2,780.63	1/8	2,959.85	1/8	3,139.01	1/8	3,318.17	1/8	3,497.33
1/4	1,888.06	1/4	2,067.32	1/4	2,246.58	1/4	2,425.84	1/4	2,605.10	1/4	2,784.36	1/4	2,963.58	1/4	3,142.74	1/4	3,321.90	1/4	3,501.06
3/8	1,891.79	3/8	2,071.06	3/8	2,250.32	3/8	2,429.58	3/8	2,608.84	3/8	2,788.10	3/8	2,967.31	3/8	3,146.47	3/8	3,325.63	3/8	3,504.79
1/2	1,895.53	1/2	2,074.79	1/2	2,254.05	1/2	2,433.31	1/2	2,612.57	1/2	2,791.83	1/2	2,971.04	1/2	3,150.20	1/2	3,329.36	1/2	3,508.52
5/8	1,899.26	5/8	2,078.52	5/8	2,257.79	5/8	2,437.05	5/8	2,616.31	5/8	2,795.57	5/8	2,974.78	5/8	3,153.94	5/8	3,333.10	5/8	3,512.26
3/4	1,903.00	3/4	2,082.26	3/4	2,261.52	3/4	2,440.78	3/4	2,620.04	3/4	2,799.30	3/4	2,978.51	3/4	3,157.67	3/4	3,336.83	3/4	3,515.99
7/8	1,906.73	7/8	2,085.99	7/8	2,265.25	7/8	2,444.52	7/8	2,623.78	7/8	2,803.04	7/8	2,982.24	7/8	3,161.40	7/8	3,340.56	7/8	3,519.72

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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P.O. Box 2092
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BARGE "KIRBY 28738"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,523.45	6	3,702.61	0	3,881.77	6	4,060.93	0	4,240.09	6	4,418.97	0	4,597.61	6	4,775.54	0	4,951.96	6	
1/8	3,527.19	1/8	3,706.35	1/8	3,885.51	1/8	4,064.67	1/8	4,243.83	1/8	4,422.69	1/8	4,601.33	1/8	4,779.24	1/8	4,955.26	1/8	
1/4	3,530.92	1/4	3,710.08	1/4	3,889.24	1/4	4,068.40	1/4	4,247.56	1/4	4,426.41	1/4	4,605.05	1/4	4,782.94	1/4	4,958.57	1/4	
3/8	3,534.65	3/8	3,713.81	3/8	3,892.97	3/8	4,072.13	3/8	4,251.29	3/8	4,430.13	3/8	4,608.78	3/8	4,786.64	3/8	4,961.87	3/8	
1/2	3,538.38	1/2	3,717.54	1/2	3,896.70	1/2	4,075.86	1/2	4,255.02	1/2	4,433.86	1/2	4,612.50	1/2	4,790.34	1/2	4,965.17	1/2	
5/8	3,542.12	5/8	3,721.28	5/8	3,900.44	5/8	4,079.60	5/8	4,258.76	5/8	4,437.58	5/8	4,616.22	5/8	4,794.04	5/8	4,968.48	5/8	
3/4	3,545.85	3/4	3,725.01	3/4	3,904.17	3/4	4,083.33	3/4	4,262.49	3/4	4,441.30	3/4	4,619.94	3/4	4,797.75	3/4	4,971.78	3/4	
7/8	3,549.58	7/8	3,728.74	7/8	3,907.90	7/8	4,087.06	7/8	4,266.22	7/8	4,445.02	7/8	4,623.66	7/8	4,801.45	7/8	4,974.55	7/8	
1	3,553.31	7	3,732.47	1	3,911.63	7	4,090.79	1	4,269.95	7	4,448.74	1	4,627.37	7	4,805.15	1	4,977.32	7	
1/8	3,557.05	1/8	3,736.21	1/8	3,915.37	1/8	4,094.53	1/8	4,273.69	1/8	4,452.46	1/8	4,631.09	1/8	4,808.85	1/8	4,980.09	1/8	
1/4	3,560.78	1/4	3,739.94	1/4	3,919.10	1/4	4,098.26	1/4	4,277.42	1/4	4,456.19	1/4	4,634.81	1/4	4,812.56	1/4	4,982.86	1/4	
3/8	3,564.51	3/8	3,743.67	3/8	3,922.83	3/8	4,101.99	3/8	4,281.15	3/8	4,459.91	3/8	4,638.52	3/8	4,816.26	3/8	4,985.63	3/8	
1/2	3,568.24	1/2	3,747.40	1/2	3,926.56	1/2	4,105.72	1/2	4,284.88	1/2	4,463.63	1/2	4,642.24	1/2	4,819.96	1/2	4,988.40	1/2	
5/8	3,571.98	5/8	3,751.14	5/8	3,930.30	5/8	4,109.46	5/8	4,288.62	5/8	4,467.35	5/8	4,645.96	5/8	4,823.66	5/8	4,991.17	5/8	
3/4	3,575.71	3/4	3,754.87	3/4	3,934.03	3/4	4,113.19	3/4	4,292.35	3/4	4,471.07	3/4	4,649.67	3/4	4,827.37	3/4	4,993.94	3/4	
7/8	3,579.44	7/8	3,758.60	7/8	3,937.76	7/8	4,116.92	7/8	4,296.08	7/8	4,474.79	7/8	4,653.38	7/8	4,831.07	7/8	4,996.18	7/8	
2	3,583.17	8	3,762.33	2	3,941.49	8	4,120.65	2	4,299.81	8	4,478.52	2	4,657.08	8	4,834.77	2	4,998.42	8	
1/8	3,586.91	1/8	3,766.07	1/8	3,945.23	1/8	4,124.39	1/8	4,303.54	1/8	4,482.24	1/8	4,660.78	1/8	4,838.48	1/8	5,000.65	1/8	
1/4	3,590.64	1/4	3,769.80	1/4	3,948.96	1/4	4,128.12	1/4	4,307.28	1/4	4,485.96	1/4	4,664.48	1/4	4,842.18	1/4	5,002.89	1/4	
3/8	3,594.37	3/8	3,773.53	3/8	3,952.69	3/8	4,131.85	3/8	4,311.01	3/8	4,489.68	3/8	4,668.18	3/8	4,845.89	3/8	5,005.13	3/8	
1/2	3,598.10	1/2	3,777.26	1/2	3,956.42	1/2	4,135.58	1/2	4,314.74	1/2	4,493.40	1/2	4,671.89	1/2	4,849.59	1/2	5,007.36	1/2	
5/8	3,601.84	5/8	3,781.00	5/8	3,960.16	5/8	4,139.32	5/8	4,318.47	5/8	4,497.12	5/8	4,675.59	5/8	4,853.29	5/8		5/8	
3/4	3,605.57	3/4	3,784.73	3/4	3,963.89	3/4	4,143.05	3/4	4,322.20	3/4	4,500.85	3/4	4,679.29	3/4	4,857.00	3/4		3/4	
7/8	3,609.30	7/8	3,788.46	7/8	3,967.62	7/8	4,146.78	7/8	4,325.93	7/8	4,504.57	7/8	4,682.99	7/8	4,860.70	7/8		7/8	
3	3,613.03	9	3,792.19	3	3,971.35	9	4,150.51	3	4,329.65	9	4,508.29	3	4,686.69	9	4,864.41	3		9	
1/8	3,616.77	1/8	3,795.93	1/8	3,975.09	1/8	4,154.25	1/8	4,333.37	1/8	4,512.01	1/8	4,690.39	1/8	4,868.11	1/8		1/8	
1/4	3,620.50	1/4	3,799.66	1/4	3,978.82	1/4	4,157.98	1/4	4,337.09	1/4	4,515.73	1/4	4,694.10	1/4	4,871.81	1/4		1/4	
3/8	3,624.23	3/8	3,803.39	3/8	3,982.55	3/8	4,161.71	3/8	4,340.81	3/8	4,519.45	3/8	4,697.80	3/8	4,875.52	3/8		3/8	
1/2	3,627.96	1/2	3,807.12	1/2	3,986.28	1/2	4,165.44	1/2	4,344.54	1/2	4,523.18	1/2	4,701.50	1/2	4,879.22	1/2		1/2	
5/8	3,631.70	5/8	3,810.86	5/8	3,990.02	5/8	4,169.18	5/8	4,348.26	5/8	4,526.90	5/8	4,705.20	5/8	4,882.92	5/8		5/8	
3/4	3,635.43	3/4	3,814.59	3/4	3,993.75	3/4	4,172.91	3/4	4,351.98	3/4	4,530.62	3/4	4,708.90	3/4	4,886.63	3/4		3/4	
7/8	3,639.16	7/8	3,818.32	7/8	3,997.48	7/8	4,176.64	7/8	4,355.70	7/8	4,534.34	7/8	4,712.61	7/8	4,890.33	7/8		7/8	
4	3,642.89	10	3,822.05	4	4,001.21	10	4,180.37	4	4,359.42	10	4,538.06	4	4,716.31	10	4,894.04	4		10	
1/8	3,646.63	1/8	3,825.79	1/8	4,004.95	1/8	4,184.11	1/8	4,363.14	1/8	4,541.79	1/8	4,720.01	1/8	4,897.74	1/8		1/8	
1/4	3,650.36	1/4	3,829.52	1/4	4,008.68	1/4	4,187.84	1/4	4,366.87	1/4	4,545.51	1/4	4,723.71	1/4	4,901.44	1/4		1/4	
3/8	3,654.09	3/8	3,833.25	3/8	4,012.41	3/8	4,191.57	3/8	4,370.59	3/8	4,549.23	3/8	4,727.41	3/8	4,905.15	3/8		3/8	
1/2	3,657.82	1/2	3,836.98	1/2	4,016.14	1/2	4,195.30	1/2	4,374.31	1/2	4,552.95	1/2	4,731.11	1/2	4,908.85	1/2		1/2	
5/8	3,661.56	5/8	3,840.72	5/8	4,019.88	5/8	4,199.04	5/8	4,378.03	5/8	4,556.67	5/8	4,734.82	5/8	4,912.56	5/8		5/8	
3/4	3,665.29	3/4	3,844.45	3/4	4,023.61	3/4	4,202.77	3/4	4,381.75	3/4	4,560.39	3/4	4,738.52	3/4	4,916.26	3/4		3/4	
7/8	3,669.02	7/8	3,848.18	7/8	4,027.34	7/8	4,206.50	7/8	4,385.47	7/8	4,564.12	7/8	4,742.22	7/8	4,919.90	7/8		7/8	
5	3,672.75	11	3,851.91	5	4,031.07	11	4,210.23	5	4,389.20	11	4,567.84	5	4,745.92	11	4,923.53	5		11	
1/8	3,676.49	1/8	3,855.65	1/8	4,034.81	1/8	4,213.97	1/8	4,392.92	1/8	4,571.56	1/8	4,749.62	1/8	4,927.17	1/8		1/8	
1/4	3,680.22	1/4	3,859.38	1/4	4,038.54	1/4	4,217.70	1/4	4,396.64	1/4	4,575.28	1/4	4,753.32	1/4	4,930.81	1/4		1/4	
3/8	3,683.95	3/8	3,863.11	3/8	4,042.27	3/8	4,221.43	3/8	4,400.36	3/8	4,579.00	3/8	4,757.03	3/8	4,934.44	3/8		3/8	
1/2	3,687.68	1/2	3,866.84	1/2	4,046.00	1/2	4,225.16	1/2	4,404.08	1/2	4,582.72	1/2	4,760.73	1/2	4,938.08	1/2		1/2	
5/8	3,691.42	5/8	3,870.58	5/8	4,049.74	5/8	4,228.90	5/8	4,407.80	5/8	4,586.45	5/8	4,764.43	5/8	4,941.72	5/8		5/8	
3/4	3,695.15	3/4	3,874.31	3/4	4,053.47	3/4	4,232.63	3/4	4,411.53	3/4	4,590.17	3/4	4,768.13	3/4	4,945.36	3/4		3/4	
7/8	3,698.88	7/8	3,878.04	7/8	4,057.20	7/8	4,236.36	7/8	4,415.25	7/8	4,593.89	7/8	4,771.83	7/8	4,948.66	7/8		7/8	

STRAPPED: 09/26/2012 CL
RECALCULATED: 07/05/2022 CL
PRINTED: 07/05/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2022

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Pearland, Texas 77588

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BARGE "KIRBY 28738"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	22.28	6	155.73	0	312.47	6	483.08	0	657.72	6	836.81	0	1,015.73	6	1,194.92	0	1,374.16	6	1,553.40
1/8	24.04	1/8	158.82	1/8	315.93	1/8	486.70	1/8	661.45	1/8	840.54	1/8	1,019.46	1/8	1,198.66	1/8	1,377.89	1/8	1,557.13
1/4	25.81	1/4	161.92	1/4	319.39	1/4	490.31	1/4	665.19	1/4	844.27	1/4	1,023.19	1/4	1,202.39	1/4	1,381.63	1/4	1,560.87
3/8	27.57	3/8	165.01	3/8	322.85	3/8	493.93	3/8	668.92	3/8	847.99	3/8	1,026.92	3/8	1,206.13	3/8	1,385.36	3/8	1,564.60
1/2	29.33	1/2	168.11	1/2	326.30	1/2	497.54	1/2	672.66	1/2	851.72	1/2	1,030.65	1/2	1,209.86	1/2	1,389.10	1/2	1,568.33
5/8	31.10	5/8	171.20	5/8	329.76	5/8	501.16	5/8	676.39	5/8	855.45	5/8	1,034.38	5/8	1,213.59	5/8	1,392.83	5/8	1,572.07
3/4	32.86	3/4	174.29	3/4	333.22	3/4	504.78	3/4	680.12	3/4	859.17	3/4	1,038.11	3/4	1,217.33	3/4	1,396.56	3/4	1,575.80
7/8	35.49	7/8	177.43	7/8	336.73	7/8	508.41	7/8	683.86	7/8	862.90	7/8	1,041.84	7/8	1,221.06	7/8	1,400.30	7/8	1,579.54
1	38.11	7	180.57	1	340.23	7	512.04	1	687.59	7	866.63	1	1,045.58	7	1,224.80	1	1,404.03	7	1,583.27
1/8	40.73	1/8	183.71	1/8	343.73	1/8	515.66	1/8	691.32	1/8	870.35	1/8	1,049.31	1/8	1,228.53	1/8	1,407.77	1/8	1,587.00
1/4	43.36	1/4	186.85	1/4	347.23	1/4	519.29	1/4	695.06	1/4	874.08	1/4	1,053.04	1/4	1,232.26	1/4	1,411.50	1/4	1,590.74
3/8	45.98	3/8	189.98	3/8	350.74	3/8	522.92	3/8	698.79	3/8	877.81	3/8	1,056.77	3/8	1,236.00	3/8	1,415.24	3/8	1,594.47
1/2	48.61	1/2	193.12	1/2	354.24	1/2	526.55	1/2	702.53	1/2	881.54	1/2	1,060.50	1/2	1,239.73	1/2	1,418.97	1/2	1,598.21
5/8	51.23	5/8	196.26	5/8	357.74	5/8	530.18	5/8	706.26	5/8	885.26	5/8	1,064.23	5/8	1,243.47	5/8	1,422.70	5/8	1,601.94
3/4	53.86	3/4	199.40	3/4	361.24	3/4	533.81	3/4	709.99	3/4	888.99	3/4	1,067.96	3/4	1,247.20	3/4	1,426.44	3/4	1,605.67
7/8	56.88	7/8	202.58	7/8	364.79	7/8	537.44	7/8	713.73	7/8	892.72	7/8	1,071.70	7/8	1,250.93	7/8	1,430.17	7/8	1,609.41
2	59.89	8	205.76	2	368.34	8	541.07	2	717.46	8	896.44	2	1,075.43	8	1,254.67	2	1,433.91	8	1,613.14
1/8	62.81	1/8	208.94	1/8	371.89	1/8	544.70	1/8	721.20	1/8	900.17	1/8	1,079.17	1/8	1,258.40	1/8	1,437.64	1/8	1,616.88
1/4	65.73	1/4	212.13	1/4	375.43	1/4	548.33	1/4	724.93	1/4	903.90	1/4	1,082.90	1/4	1,262.14	1/4	1,441.37	1/4	1,620.61
3/8	68.65	3/8	215.31	3/8	378.98	3/8	551.96	3/8	728.66	3/8	907.63	3/8	1,086.63	3/8	1,265.87	3/8	1,445.11	3/8	1,624.34
1/2	71.57	1/2	218.49	1/2	382.53	1/2	555.59	1/2	732.40	1/2	911.35	1/2	1,090.37	1/2	1,269.61	1/2	1,448.84	1/2	1,628.08
5/8	74.48	5/8	221.67	5/8	386.07	5/8	559.22	5/8	736.13	5/8	915.08	5/8	1,094.10	5/8	1,273.34	5/8	1,452.58	5/8	1,631.81
3/4	77.40	3/4	224.85	3/4	389.62	3/4	562.85	3/4	739.87	3/4	918.81	3/4	1,097.84	3/4	1,277.07	3/4	1,456.31	3/4	1,635.55
7/8	80.36	7/8	228.08	7/8	393.21	7/8	566.49	7/8	743.60	7/8	922.53	7/8	1,101.57	7/8	1,280.81	7/8	1,460.04	7/8	1,639.28
3	83.33	9	231.31	3	396.80	9	570.12	3	747.33	9	926.26	3	1,105.31	9	1,284.54	3	1,463.78	9	1,643.02
1/8	86.29	1/8	234.63	1/8	400.39	1/8	573.75	1/8	751.06	1/8	929.99	1/8	1,109.04	1/8	1,288.28	1/8	1,467.51	1/8	1,646.75
1/4	89.25	1/4	237.96	1/4	403.98	1/4	577.39	1/4	754.79	1/4	933.72	1/4	1,112.77	1/4	1,292.01	1/4	1,471.25	1/4	1,650.48
3/8	92.21	3/8	241.29	3/8	407.57	3/8	581.02	3/8	758.53	3/8	937.44	3/8	1,116.51	3/8	1,295.74	3/8	1,474.98	3/8	1,654.22
1/2	95.17	1/2	244.61	1/2	411.17	1/2	584.65	1/2	762.26	1/2	941.17	1/2	1,120.24	1/2	1,299.48	1/2	1,478.72	1/2	1,657.95
5/8	98.13	5/8	247.94	5/8	414.76	5/8	588.29	5/8	765.99	5/8	944.90	5/8	1,123.98	5/8	1,303.21	5/8	1,482.45	5/8	1,661.69
3/4	101.10	3/4	251.27	3/4	418.35	3/4	591.92	3/4	769.72	3/4	948.62	3/4	1,127.71	3/4	1,306.95	3/4	1,486.18	3/4	1,665.42
7/8	104.10	7/8	254.64	7/8	421.98	7/8	595.55	7/8	773.45	7/8	952.35	7/8	1,131.44	7/8	1,310.68	7/8	1,489.92	7/8	1,669.15
4	107.11	10	258.01	4	425.62	10	599.19	4	777.18	10	956.08	4	1,135.18	10	1,314.41	4	1,493.65	10	1,672.89
1/8	110.11	1/8	261.38	1/8	429.25	1/8	602.82	1/8	780.90	1/8	959.81	1/8	1,138.91	1/8	1,318.15	1/8	1,497.39	1/8	1,676.62
1/4	113.12	1/4	264.75	1/4	432.89	1/4	606.45	1/4	784.63	1/4	963.53	1/4	1,142.65	1/4	1,321.88	1/4	1,501.12	1/4	1,680.36
3/8	116.13	3/8	268.12	3/8	436.52	3/8	610.09	3/8	788.36	3/8	967.26	3/8	1,146.38	3/8	1,325.62	3/8	1,504.85	3/8	1,684.09
1/2	119.13	1/2	271.49	1/2	440.16	1/2	613.72	1/2	792.09	1/2	970.99	1/2	1,150.11	1/2	1,329.35	1/2	1,508.59	1/2	1,687.82
5/8	122.14	5/8	274.86	5/8	443.69	5/8	617.35	5/8	795.81	5/8	974.71	5/8	1,153.85	5/8	1,333.09	5/8	1,512.32	5/8	1,691.56
3/4	125.14	3/4	278.23	3/4	447.23	3/4	620.99	3/4	799.54	3/4	978.44	3/4	1,157.58	3/4	1,336.82	3/4	1,516.06	3/4	1,695.29
7/8	128.19	7/8	281.65	7/8	450.80	7/8	624.62	7/8	803.27	7/8	982.17	7/8	1,161.32	7/8	1,340.55	7/8	1,519.79	7/8	1,699.03
5	131.24	11	285.06	5	454.38	11	628.25	5	806.99	11	985.90	5	1,165.05	11	1,344.29	5	1,523.52	11	1,702.76
1/8	134.29	1/8	288.48	1/8	457.96	1/8	631.88	1/8	810.72	1/8	989.63	1/8	1,168.78	1/8	1,348.02	1/8	1,527.26	1/8	1,706.50
1/4	137.34	1/4	291.89	1/4	461.54	1/4	635.52	1/4	814.45	1/4	993.35	1/4	1,172.52	1/4	1,351.76	1/4	1,530.99	1/4	1,710.23
3/8	140.39	3/8	295.31	3/8	465.12	3/8	639.15	3/8	818.18	3/8	997.08	3/8	1,176.25	3/8	1,355.49	3/8	1,534.73	3/8	1,713.96
1/2	143.44	1/2	298.72	1/2	468.69	1/2	642.78	1/2	821.90	1/2	1,000.81	1/2	1,179.99	1/2	1,359.22	1/2	1,538.46	1/2	1,717.70
5/8	146.49	5/8	302.14	5/8	472.27	5/8	646.52	5/8	825.63	5/8	1,004.54	5/8	1,183.72	5/8	1,362.96	5/8	1,542.19	5/8	1,721.43
3/4	149.54	3/4	305.55	3/4	475.85	3/4	650.25	3/4	829.36	3/4	1,008.27	3/4	1,187.46	3/4	1,366.69	3/4	1,545.93	3/4	1,725.17
7/8	152.64	7/8	309.01	7/8	479.47	7/8	653.99	7/8	833.08	7/8	1,012.00	7/8	1,191.19	7/8	1,370.43	7/8	1,549.66	7/8	1,728.90

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.

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BARGE "KIRBY 28738"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,732.63	6	1,911.87	0	2,091.11	6	2,270.34	0	2,449.58	6	2,628.82	0	2,808.05	6	2,987.22	0	3,166.36	6	3,345.50
1/8	1,736.37	1/8	1,915.60	1/8	2,094.84	1/8	2,274.08	1/8	2,453.32	1/8	2,632.55	1/8	2,811.79	1/8	2,990.95	1/8	3,170.09	1/8	3,349.23
1/4	1,740.10	1/4	1,919.34	1/4	2,098.58	1/4	2,277.81	1/4	2,457.05	1/4	2,636.29	1/4	2,815.52	1/4	2,994.68	1/4	3,173.83	1/4	3,352.97
3/8	1,743.84	3/8	1,923.07	3/8	2,102.31	3/8	2,281.55	3/8	2,460.78	3/8	2,640.02	3/8	2,819.26	3/8	2,998.42	3/8	3,177.56	3/8	3,356.70
1/2	1,747.57	1/2	1,926.81	1/2	2,106.04	1/2	2,285.28	1/2	2,464.52	1/2	2,643.75	1/2	2,822.99	1/2	3,002.15	1/2	3,181.29	1/2	3,360.43
5/8	1,751.30	5/8	1,930.54	5/8	2,109.78	5/8	2,289.01	5/8	2,468.25	5/8	2,647.49	5/8	2,826.73	5/8	3,005.88	5/8	3,185.02	5/8	3,364.16
3/4	1,755.04	3/4	1,934.28	3/4	2,113.51	3/4	2,292.75	3/4	2,471.99	3/4	2,651.22	3/4	2,830.46	3/4	3,009.61	3/4	3,188.75	3/4	3,367.89
7/8	1,758.77	7/8	1,938.01	7/8	2,117.25	7/8	2,296.48	7/8	2,475.72	7/8	2,654.96	7/8	2,834.19	7/8	3,013.35	7/8	3,192.49	7/8	3,371.63
1	1,762.51	7	1,941.74	1	2,120.98	7	2,300.22	1	2,479.45	7	2,658.69	1	2,837.93	7	3,017.08	1	3,196.22	7	3,375.36
1/8	1,766.24	1/8	1,945.48	1/8	2,124.71	1/8	2,303.95	1/8	2,483.19	1/8	2,662.42	1/8	2,841.66	1/8	3,020.81	1/8	3,199.95	1/8	3,379.09
1/4	1,769.97	1/4	1,949.21	1/4	2,128.45	1/4	2,307.69	1/4	2,486.92	1/4	2,666.16	1/4	2,845.40	1/4	3,024.54	1/4	3,203.68	1/4	3,382.82
3/8	1,773.71	3/8	1,952.95	3/8	2,132.18	3/8	2,311.42	3/8	2,490.66	3/8	2,669.89	3/8	2,849.13	3/8	3,028.27	3/8	3,207.41	3/8	3,386.56
1/2	1,777.44	1/2	1,956.68	1/2	2,135.92	1/2	2,315.15	1/2	2,494.39	1/2	2,673.63	1/2	2,852.86	1/2	3,032.01	1/2	3,211.15	1/2	3,390.29
5/8	1,781.18	5/8	1,960.41	5/8	2,139.65	5/8	2,318.89	5/8	2,498.12	5/8	2,677.36	5/8	2,856.60	5/8	3,035.74	5/8	3,214.88	5/8	3,394.02
3/4	1,784.91	3/4	1,964.15	3/4	2,143.38	3/4	2,322.62	3/4	2,501.86	3/4	2,681.10	3/4	2,860.33	3/4	3,039.47	3/4	3,218.61	3/4	3,397.75
7/8	1,788.65	7/8	1,967.88	7/8	2,147.12	7/8	2,326.36	7/8	2,505.59	7/8	2,684.83	7/8	2,864.07	7/8	3,043.20	7/8	3,222.34	7/8	3,401.48
2	1,792.38	8	1,971.62	2	2,150.85	8	2,330.09	2	2,509.33	8	2,688.56	2	2,867.80	8	3,046.93	2	3,226.07	8	3,405.22
1/8	1,796.11	1/8	1,975.35	1/8	2,154.59	1/8	2,333.82	1/8	2,513.06	1/8	2,692.30	1/8	2,871.53	1/8	3,050.67	1/8	3,229.81	1/8	3,408.95
1/4	1,799.85	1/4	1,979.08	1/4	2,158.32	1/4	2,337.56	1/4	2,516.79	1/4	2,696.03	1/4	2,875.27	1/4	3,054.40	1/4	3,233.54	1/4	3,412.68
3/8	1,803.58	3/8	1,982.82	3/8	2,162.06	3/8	2,341.29	3/8	2,520.53	3/8	2,699.77	3/8	2,879.00	3/8	3,058.13	3/8	3,237.27	3/8	3,416.41
1/2	1,807.32	1/2	1,986.55	1/2	2,165.79	1/2	2,345.03	1/2	2,524.26	1/2	2,703.50	1/2	2,882.74	1/2	3,061.86	1/2	3,241.00	1/2	3,420.14
5/8	1,811.05	5/8	1,990.29	5/8	2,169.52	5/8	2,348.76	5/8	2,528.00	5/8	2,707.23	5/8	2,886.47	5/8	3,065.59	5/8	3,244.74	5/8	3,423.88
3/4	1,814.78	3/4	1,994.02	3/4	2,173.26	3/4	2,352.49	3/4	2,531.73	3/4	2,710.97	3/4	2,890.20	3/4	3,069.33	3/4	3,248.47	3/4	3,427.61
7/8	1,818.52	7/8	1,997.75	7/8	2,176.99	7/8	2,356.23	7/8	2,535.47	7/8	2,714.70	7/8	2,893.93	7/8	3,073.06	7/8	3,252.20	7/8	3,431.34
3	1,822.25	9	2,001.49	3	2,180.73	9	2,359.96	3	2,539.20	9	2,718.44	3	2,897.66	9	3,076.79	3	3,255.93	9	3,435.07
1/8	1,825.99	1/8	2,005.22	1/8	2,184.46	1/8	2,363.70	1/8	2,542.93	1/8	2,722.17	1/8	2,901.39	1/8	3,080.52	1/8	3,259.66	1/8	3,438.80
1/4	1,829.72	1/4	2,008.96	1/4	2,188.19	1/4	2,367.43	1/4	2,546.67	1/4	2,725.90	1/4	2,905.12	1/4	3,084.25	1/4	3,263.40	1/4	3,442.54
3/8	1,833.45	3/8	2,012.69	3/8	2,191.93	3/8	2,371.16	3/8	2,550.40	3/8	2,729.64	3/8	2,908.85	3/8	3,087.99	3/8	3,267.13	3/8	3,446.27
1/2	1,837.19	1/2	2,016.43	1/2	2,195.66	1/2	2,374.90	1/2	2,554.14	1/2	2,733.37	1/2	2,912.58	1/2	3,091.72	1/2	3,270.86	1/2	3,450.00
5/8	1,840.92	5/8	2,020.16	5/8	2,199.40	5/8	2,378.63	5/8	2,557.87	5/8	2,737.11	5/8	2,916.31	5/8	3,095.45	5/8	3,274.59	5/8	3,453.73
3/4	1,844.66	3/4	2,023.89	3/4	2,203.13	3/4	2,382.37	3/4	2,561.60	3/4	2,740.84	3/4	2,920.04	3/4	3,099.18	3/4	3,278.32	3/4	3,457.46
7/8	1,848.39	7/8	2,027.63	7/8	2,206.86	7/8	2,386.10	7/8	2,565.34	7/8	2,744.57	7/8	2,923.77	7/8	3,102.92	7/8	3,282.06	7/8	3,461.20
4	1,852.13	10	2,031.36	4	2,210.60	10	2,389.84	4	2,569.07	10	2,748.31	4	2,927.51	10	3,106.65	4	3,285.79	10	3,464.93
1/8	1,855.86	1/8	2,035.10	1/8	2,214.33	1/8	2,393.57	1/8	2,572.81	1/8	2,752.04	1/8	2,931.24	1/8	3,110.38	1/8	3,289.52	1/8	3,468.66
1/4	1,859.59	1/4	2,038.83	1/4	2,218.07	1/4	2,397.30	1/4	2,576.54	1/4	2,755.78	1/4	2,934.97	1/4	3,114.11	1/4	3,293.25	1/4	3,472.39
3/8	1,863.33	3/8	2,042.56	3/8	2,221.80	3/8	2,401.04	3/8	2,580.27	3/8	2,759.51	3/8	2,938.70	3/8	3,117.84	3/8	3,296.98	3/8	3,476.13
1/2	1,867.06	1/2	2,046.30	1/2	2,225.54	1/2	2,404.77	1/2	2,584.01	1/2	2,763.25	1/2	2,942.44	1/2	3,121.58	1/2	3,300.72	1/2	3,479.86
5/8	1,870.80	5/8	2,050.03	5/8	2,229.27	5/8	2,408.51	5/8	2,587.74	5/8	2,766.98	5/8	2,946.17	5/8	3,125.31	5/8	3,304.45	5/8	3,483.59
3/4	1,874.53	3/4	2,053.77	3/4	2,233.00	3/4	2,412.24	3/4	2,591.48	3/4	2,770.71	3/4	2,949.90	3/4	3,129.04	3/4	3,308.18	3/4	3,487.32
7/8	1,878.26	7/8	2,057.50	7/8	2,236.74	7/8	2,415.97	7/8	2,595.21	7/8	2,774.45	7/8	2,953.63	7/8	3,132.77	7/8	3,311.91	7/8	3,491.05
5	1,882.00	11	2,061.23	5	2,240.47	11	2,419.71	5	2,598.95	11	2,778.18	5	2,957.36	11	3,136.50	5	3,315.65	11	3,494.79
1/8	1,885.73	1/8	2,064.97	1/8	2,244.21	1/8	2,423.44	1/8	2,602.68	1/8	2,781.92	1/8	2,961.10	1/8	3,140.24	1/8	3,319.38	1/8	3,498.52
1/4	1,889.47	1/4	2,068.70	1/4	2,247.94	1/4	2,427.18	1/4	2,606.41	1/4	2,785.65	1/4	2,964.83	1/4	3,143.97	1/4	3,323.11	1/4	3,502.25
3/8	1,893.20	3/8	2,072.44	3/8	2,251.67	3/8	2,430.91	3/8	2,610.15	3/8	2,789.38	3/8	2,968.56	3/8	3,147.70	3/8	3,326.84	3/8	3,505.98
1/2	1,896.93	1/2	2,076.17	1/2	2,255.41	1/2	2,434.64	1/2	2,613.88	1/2	2,793.12	1/2	2,972.29	1/2	3,151.43	1/2	3,330.57	1/2	3,509.71
5/8	1,900.67	5/8	2,079.91	5/8	2,259.14	5/8	2,438.38	5/8	2,617.62	5/8	2,796.85	5/8	2,976.02	5/8	3,155.16	5/8	3,334.31	5/8	3,513.45
3/4	1,904.40	3/4	2,083.64	3/4	2,262.88	3/4	2,442.11	3/4	2,621.35	3/4	2,800.59	3/4	2,979.76	3/4	3,158.90	3/4	3,338.04	3/4	3,517.18
7/8	1,908.14	7/8	2,087.37	7/8	2,266.61	7/8	2,445.85	7/8	2,625.08	7/8	2,804.32	7/8	2,983.49	7/8	3,162.63	7/8	3,341.77	7/8	3,520.91

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 28738"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,524.64	6	3,703.78	0	3,882.92	6	4,062.07	0	4,241.21	6	4,420.01	0	4,598.63	6	4,776.53	0	4,952.93	6	
1/8	3,528.37	1/8	3,707.52	1/8	3,886.66	1/8	4,065.80	1/8	4,244.94	1/8	4,423.74	1/8	4,602.35	1/8	4,780.23	1/8	4,956.23	1/8	
1/4	3,532.11	1/4	3,711.25	1/4	3,890.39	1/4	4,069.53	1/4	4,248.67	1/4	4,427.46	1/4	4,606.07	1/4	4,783.93	1/4	4,959.54	1/4	
3/8	3,535.84	3/8	3,714.98	3/8	3,894.12	3/8	4,073.26	3/8	4,252.40	3/8	4,431.18	3/8	4,609.80	3/8	4,787.63	3/8	4,962.84	3/8	
1/2	3,539.57	1/2	3,718.71	1/2	3,897.85	1/2	4,076.99	1/2	4,256.13	1/2	4,434.90	1/2	4,613.52	1/2	4,791.34	1/2	4,966.14	1/2	
5/8	3,543.30	5/8	3,722.44	5/8	3,901.58	5/8	4,080.73	5/8	4,259.87	5/8	4,438.62	5/8	4,617.24	5/8	4,795.04	5/8	4,969.45	5/8	
3/4	3,547.04	3/4	3,726.18	3/4	3,905.32	3/4	4,084.46	3/4	4,263.60	3/4	4,442.34	3/4	4,620.96	3/4	4,798.74	3/4	4,972.75	3/4	
7/8	3,550.77	7/8	3,729.91	7/8	3,909.05	7/8	4,088.19	7/8	4,267.33	7/8	4,446.06	7/8	4,624.68	7/8	4,802.44	7/8	4,975.52	7/8	
1	3,554.50	7	3,733.64	1	3,912.78	7	4,091.92	1	4,271.06	7	4,449.78	1	4,628.39	7	4,806.14	1	4,978.29	7	
1/8	3,558.23	1/8	3,737.37	1/8	3,916.51	1/8	4,095.65	1/8	4,274.79	1/8	4,453.51	1/8	4,632.11	1/8	4,809.84	1/8	4,981.06	1/8	
1/4	3,561.96	1/4	3,741.10	1/4	3,920.25	1/4	4,099.39	1/4	4,278.53	1/4	4,457.23	1/4	4,635.82	1/4	4,813.55	1/4	4,983.83	1/4	
3/8	3,565.70	3/8	3,744.84	3/8	3,923.98	3/8	4,103.12	3/8	4,282.26	3/8	4,460.95	3/8	4,639.54	3/8	4,817.25	3/8	4,986.60	3/8	
1/2	3,569.43	1/2	3,748.57	1/2	3,927.71	1/2	4,106.85	1/2	4,285.99	1/2	4,464.67	1/2	4,643.25	1/2	4,820.95	1/2	4,989.37	1/2	
5/8	3,573.16	5/8	3,752.30	5/8	3,931.44	5/8	4,110.58	5/8	4,289.72	5/8	4,468.39	5/8	4,646.97	5/8	4,824.65	5/8	4,992.14	5/8	
3/4	3,576.89	3/4	3,756.03	3/4	3,935.17	3/4	4,114.31	3/4	4,293.46	3/4	4,472.11	3/4	4,650.69	3/4	4,828.35	3/4	4,994.91	3/4	
7/8	3,580.62	7/8	3,759.77	7/8	3,938.91	7/8	4,118.05	7/8	4,297.18	7/8	4,475.83	7/8	4,654.39	7/8	4,832.06	7/8	4,997.14	7/8	
2	3,584.36	8	3,763.50	2	3,942.64	8	4,121.78	2	4,300.91	8	4,479.55	2	4,658.09	8	4,835.76	2	4,999.38	8	
1/8	3,588.09	1/8	3,767.23	1/8	3,946.37	1/8	4,125.51	1/8	4,304.63	1/8	4,483.27	1/8	4,661.79	1/8	4,839.46	1/8	5,001.61	1/8	
1/4	3,591.82	1/4	3,770.96	1/4	3,950.10	1/4	4,129.24	1/4	4,308.36	1/4	4,487.00	1/4	4,665.49	1/4	4,843.17	1/4	5,003.85	1/4	
3/8	3,595.55	3/8	3,774.69	3/8	3,953.83	3/8	4,132.98	3/8	4,312.09	3/8	4,490.72	3/8	4,669.19	3/8	4,846.87	3/8	5,006.09	3/8	
1/2	3,599.28	1/2	3,778.43	1/2	3,957.57	1/2	4,136.71	1/2	4,315.81	1/2	4,494.44	1/2	4,672.89	1/2	4,850.57	1/2	5,008.32	1/2	
5/8	3,603.02	5/8	3,782.16	5/8	3,961.30	5/8	4,140.44	5/8	4,319.54	5/8	4,498.16	5/8	4,676.60	5/8	4,854.28	5/8		5/8	
3/4	3,606.75	3/4	3,785.89	3/4	3,965.03	3/4	4,144.17	3/4	4,323.26	3/4	4,501.88	3/4	4,680.30	3/4	4,857.98	3/4		3/4	
7/8	3,610.48	7/8	3,789.62	7/8	3,968.76	7/8	4,147.90	7/8	4,326.98	7/8	4,505.60	7/8	4,684.00	7/8	4,861.68	7/8		7/8	
3	3,614.21	9	3,793.35	3	3,972.49	9	4,151.64	3	4,330.71	9	4,509.32	3	4,687.70	9	4,865.39	3		9	
1/8	3,617.95	1/8	3,797.09	1/8	3,976.23	1/8	4,155.37	1/8	4,334.43	1/8	4,513.04	1/8	4,691.40	1/8	4,869.09	1/8		1/8	
1/4	3,621.68	1/4	3,800.82	1/4	3,979.96	1/4	4,159.10	1/4	4,338.15	1/4	4,516.77	1/4	4,695.10	1/4	4,872.79	1/4		1/4	
3/8	3,625.41	3/8	3,804.55	3/8	3,983.69	3/8	4,162.83	3/8	4,341.87	3/8	4,520.49	3/8	4,698.80	3/8	4,876.50	3/8		3/8	
1/2	3,629.14	1/2	3,808.28	1/2	3,987.42	1/2	4,166.56	1/2	4,345.59	1/2	4,524.21	1/2	4,702.50	1/2	4,880.20	1/2		1/2	
5/8	3,632.87	5/8	3,812.01	5/8	3,991.16	5/8	4,170.30	5/8	4,349.31	5/8	4,527.93	5/8	4,706.21	5/8	4,883.90	5/8		5/8	
3/4	3,636.61	3/4	3,815.75	3/4	3,994.89	3/4	4,174.03	3/4	4,353.03	3/4	4,531.65	3/4	4,709.91	3/4	4,887.61	3/4		3/4	
7/8	3,640.34	7/8	3,819.48	7/8	3,998.62	7/8	4,177.76	7/8	4,356.75	7/8	4,535.37	7/8	4,713.61	7/8	4,891.31	7/8		7/8	
4	3,644.07	10	3,823.21	4	4,002.35	10	4,181.49	4	4,360.48	10	4,539.09	4	4,717.31	10	4,895.01	4		10	
1/8	3,647.80	1/8	3,826.94	1/8	4,006.08	1/8	4,185.22	1/8	4,364.20	1/8	4,542.81	1/8	4,721.01	1/8	4,898.72	1/8		1/8	
1/4	3,651.53	1/4	3,830.67	1/4	4,009.82	1/4	4,188.96	1/4	4,367.92	1/4	4,546.54	1/4	4,724.71	1/4	4,902.42	1/4		1/4	
3/8	3,655.27	3/8	3,834.41	3/8	4,013.55	3/8	4,192.69	3/8	4,371.64	3/8	4,550.26	3/8	4,728.41	3/8	4,906.12	3/8		3/8	
1/2	3,659.00	1/2	3,838.14	1/2	4,017.28	1/2	4,196.42	1/2	4,375.36	1/2	4,553.98	1/2	4,732.12	1/2	4,909.83	1/2		1/2	
5/8	3,662.73	5/8	3,841.87	5/8	4,021.01	5/8	4,200.15	5/8	4,379.08	5/8	4,557.70	5/8	4,735.82	5/8	4,913.53	5/8		5/8	
3/4	3,666.46	3/4	3,845.60	3/4	4,024.74	3/4	4,203.88	3/4	4,382.80	3/4	4,561.42	3/4	4,739.52	3/4	4,917.23	3/4		3/4	
7/8	3,670.19	7/8	3,849.34	7/8	4,028.48	7/8	4,207.62	7/8	4,386.52	7/8	4,565.14	7/8	4,743.22	7/8	4,920.87	7/8		7/8	
5	3,673.93	11	3,853.07	5	4,032.21	11	4,211.35	5	4,390.24	11	4,568.86	5	4,746.92	11	4,924.51	5		11	
1/8	3,677.66	1/8	3,856.80	1/8	4,035.94	1/8	4,215.08	1/8	4,393.97	1/8	4,572.58	1/8	4,750.62	1/8	4,928.14	1/8		1/8	
1/4	3,681.39	1/4	3,860.53	1/4	4,039.67	1/4	4,218.81	1/4	4,397.69	1/4	4,576.30	1/4	4,754.32	1/4	4,931.78	1/4		1/4	
3/8	3,685.12	3/8	3,864.26	3/8	4,043.40	3/8	4,222.55	3/8	4,401.41	3/8	4,580.03	3/8	4,758.02	3/8	4,935.42	3/8		3/8	
1/2	3,688.86	1/2	3,868.00	1/2	4,047.14	1/2	4,226.28	1/2	4,405.13	1/2	4,583.75	1/2	4,761.73	1/2	4,939.05	1/2		1/2	
5/8	3,692.59	5/8	3,871.73	5/8	4,050.87	5/8	4,230.01	5/8	4,408.85	5/8	4,587.47	5/8	4,765.43	5/8	4,942.69	5/8		5/8	
3/4	3,696.32	3/4	3,875.46	3/4	4,054.60	3/4	4,233.74	3/4	4,412.57	3/4	4,591.19	3/4	4,769.13	3/4	4,946.33	3/4		3/4	
7/8	3,700.05	7/8	3,879.19	7/8	4,058.33	7/8	4,237.47	7/8	4,416.29	7/8	4,594.91	7/8	4,772.83	7/8	4,949.63	7/8		7/8	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/26/2012 CL
RECALCULATED: 07/05/2022 CL
PRINTED: 07/05/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28738"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	25.57	6	192.14	0	369.33	6	547.74	0	722.92	6	899.50	0	1,071.84	6	1,247.42	0	1,427.05	6	1,606.67
1/8	28.14	1/8	195.78	1/8	373.07	1/8	551.38	1/8	726.66	1/8	903.09	1/8	1,075.43	1/8	1,251.17	1/8	1,430.79	1/8	1,610.42
1/4	30.72	1/4	199.42	1/4	376.82	1/4	555.02	1/4	730.40	1/4	906.68	1/4	1,079.03	1/4	1,254.91	1/4	1,434.53	1/4	1,614.16
3/8	33.29	3/8	203.06	3/8	380.56	3/8	558.66	3/8	734.15	3/8	910.27	3/8	1,082.62	3/8	1,258.65	3/8	1,438.28	3/8	1,617.90
1/2	35.86	1/2	206.70	1/2	384.30	1/2	562.31	1/2	737.89	1/2	913.86	1/2	1,086.22	1/2	1,262.39	1/2	1,442.02	1/2	1,621.64
5/8	38.43	5/8	210.34	5/8	388.04	5/8	565.95	5/8	741.63	5/8	917.45	5/8	1,089.81	5/8	1,266.13	5/8	1,445.76	5/8	1,625.39
3/4	41.01	3/4	213.98	3/4	391.79	3/4	569.59	3/4	745.37	3/4	921.04	3/4	1,093.40	3/4	1,269.88	3/4	1,449.50	3/4	1,629.13
7/8	44.40	7/8	217.62	7/8	395.53	7/8	573.23	7/8	749.11	7/8	924.63	7/8	1,097.00	7/8	1,273.62	7/8	1,453.24	7/8	1,632.87
1	47.79	7	221.26	1	399.27	7	576.87	1	752.86	7	928.22	1	1,100.59	7	1,277.36	1	1,456.99	7	1,636.61
1/8	51.18	1/8	224.91	1/8	403.01	1/8	580.51	1/8	756.60	1/8	931.81	1/8	1,104.19	1/8	1,281.10	1/8	1,460.73	1/8	1,640.35
1/4	54.57	1/4	228.55	1/4	406.75	1/4	584.15	1/4	760.34	1/4	935.40	1/4	1,107.79	1/4	1,284.85	1/4	1,464.47	1/4	1,644.10
3/8	57.96	3/8	232.19	3/8	410.50	3/8	587.79	3/8	764.08	3/8	938.99	3/8	1,111.38	3/8	1,288.59	3/8	1,468.21	3/8	1,647.84
1/2	61.35	1/2	235.83	1/2	414.24	1/2	591.43	1/2	767.83	1/2	942.58	1/2	1,114.98	1/2	1,292.33	1/2	1,471.96	1/2	1,651.58
5/8	64.75	5/8	239.47	5/8	417.98	5/8	595.08	5/8	771.57	5/8	946.17	5/8	1,118.57	5/8	1,296.07	5/8	1,475.70	5/8	1,655.32
3/4	68.14	3/4	243.11	3/4	421.72	3/4	598.72	3/4	775.31	3/4	949.76	3/4	1,122.17	3/4	1,299.81	3/4	1,479.44	3/4	1,659.07
7/8	71.88	7/8	246.75	7/8	425.46	7/8	602.36	7/8	779.05	7/8	953.35	7/8	1,125.77	7/8	1,303.56	7/8	1,483.18	7/8	1,662.81
2	75.62	8	250.39	2	429.21	8	606.00	2	782.79	8	956.94	2	1,129.37	8	1,307.30	2	1,486.92	8	1,666.55
1/8	79.26	1/8	254.03	1/8	432.95	1/8	609.64	1/8	786.54	1/8	960.53	1/8	1,132.97	1/8	1,311.04	1/8	1,490.67	1/8	1,670.29
1/4	82.90	1/4	257.68	1/4	436.69	1/4	613.28	1/4	790.28	1/4	964.12	1/4	1,136.57	1/4	1,314.78	1/4	1,494.41	1/4	1,674.03
3/8	86.54	3/8	261.32	3/8	440.43	3/8	616.92	3/8	794.02	3/8	967.71	3/8	1,140.17	3/8	1,318.53	3/8	1,498.15	3/8	1,677.78
1/2	90.19	1/2	264.96	1/2	444.17	1/2	620.56	1/2	797.76	1/2	971.30	1/2	1,143.77	1/2	1,322.27	1/2	1,501.89	1/2	1,681.52
5/8	93.83	5/8	268.60	5/8	447.92	5/8	624.20	5/8	801.50	5/8	974.89	5/8	1,147.37	5/8	1,326.01	5/8	1,505.64	5/8	1,685.26
3/4	97.47	3/4	272.24	3/4	451.66	3/4	627.85	3/4	805.25	3/4	978.48	3/4	1,150.97	3/4	1,329.75	3/4	1,509.38	3/4	1,689.00
7/8	101.11	7/8	275.88	7/8	455.40	7/8	631.49	7/8	808.95	7/8	982.07	7/8	1,154.61	7/8	1,333.49	7/8	1,513.12	7/8	1,692.75
3	104.75	9	279.52	3	459.14	9	635.13	3	812.66	9	985.66	3	1,158.25	9	1,337.24	3	1,516.86	9	1,696.49
1/8	108.39	1/8	283.26	1/8	462.89	1/8	638.77	1/8	816.36	1/8	989.25	1/8	1,161.88	1/8	1,340.98	1/8	1,520.60	1/8	1,700.23
1/4	112.03	1/4	287.01	1/4	466.63	1/4	642.41	1/4	820.06	1/4	992.84	1/4	1,165.52	1/4	1,344.72	1/4	1,524.35	1/4	1,703.97
3/8	115.67	3/8	290.75	3/8	470.37	3/8	646.05	3/8	823.77	3/8	996.43	3/8	1,169.16	3/8	1,348.46	3/8	1,528.09	3/8	1,707.71
1/2	119.31	1/2	294.49	1/2	474.11	1/2	649.69	1/2	827.47	1/2	1,000.02	1/2	1,172.79	1/2	1,352.21	1/2	1,531.83	1/2	1,711.46
5/8	122.96	5/8	298.23	5/8	477.85	5/8	653.33	5/8	831.18	5/8	1,003.61	5/8	1,176.43	5/8	1,355.95	5/8	1,535.57	5/8	1,715.20
3/4	126.60	3/4	301.97	3/4	481.60	3/4	656.97	3/4	834.88	3/4	1,007.20	3/4	1,180.06	3/4	1,359.69	3/4	1,539.32	3/4	1,718.94
7/8	130.24	7/8	305.72	7/8	485.34	7/8	660.62	7/8	838.47	7/8	1,010.79	7/8	1,183.81	7/8	1,363.43	7/8	1,543.06	7/8	1,722.68
4	133.88	10	309.46	4	489.08	10	664.26	4	842.06	10	1,014.38	4	1,187.55	10	1,367.17	4	1,546.80	10	1,726.43
1/8	137.52	1/8	313.20	1/8	492.82	1/8	667.90	1/8	845.65	1/8	1,017.97	1/8	1,191.29	1/8	1,370.92	1/8	1,550.54	1/8	1,730.17
1/4	141.16	1/4	316.94	1/4	496.56	1/4	671.54	1/4	849.24	1/4	1,021.56	1/4	1,195.03	1/4	1,374.66	1/4	1,554.28	1/4	1,733.91
3/8	144.80	3/8	320.69	3/8	500.31	3/8	675.18	3/8	852.83	3/8	1,025.15	3/8	1,198.77	3/8	1,378.40	3/8	1,558.03	3/8	1,737.65
1/2	148.44	1/2	324.43	1/2	504.05	1/2	678.82	1/2	856.42	1/2	1,028.74	1/2	1,202.52	1/2	1,382.14	1/2	1,561.77	1/2	1,741.39
5/8	152.08	5/8	328.17	5/8	507.69	5/8	682.46	5/8	860.01	5/8	1,032.33	5/8	1,206.26	5/8	1,385.88	5/8	1,565.51	5/8	1,745.14
3/4	155.72	3/4	331.91	3/4	511.33	3/4	686.10	3/4	863.60	3/4	1,035.92	3/4	1,210.00	3/4	1,389.63	3/4	1,569.25	3/4	1,748.88
7/8	159.37	7/8	335.65	7/8	514.97	7/8	689.74	7/8	867.19	7/8	1,039.52	7/8	1,213.74	7/8	1,393.37	7/8	1,572.99	7/8	1,752.62
5	163.01	11	339.40	5	518.61	11	693.39	5	870.78	11	1,043.11	5	1,217.49	11	1,397.11	5	1,576.74	11	1,756.36
1/8	166.65	1/8	343.14	1/8	522.25	1/8	697.03	1/8	874.37	1/8	1,046.70	1/8	1,221.23	1/8	1,400.85	1/8	1,580.48	1/8	1,760.10
1/4	170.29	1/4	346.88	1/4	525.89	1/4	700.67	1/4	877.96	1/4	1,050.29	1/4	1,224.97	1/4	1,404.60	1/4	1,584.22	1/4	1,763.85
3/8	173.93	3/8	350.62	3/8	529.54	3/8	704.31	3/8	881.55	3/8	1,053.88	3/8	1,228.71	3/8	1,408.34	3/8	1,587.96	3/8	1,767.59
1/2	177.57	1/2	354.36	1/2	533.18	1/2	707.95	1/2	885.14	1/2	1,057.47	1/2	1,232.45	1/2	1,412.08	1/2	1,591.71	1/2	1,771.33
5/8	181.21	5/8	358.11	5/8	536.82	5/8	711.69	5/8	888.73	5/8	1,061.06	5/8	1,236.20	5/8	1,415.82	5/8	1,595.45	5/8	1,775.07
3/4	184.85	3/4	361.85	3/4	540.46	3/4	715.43	3/4	892.32	3/4	1,064.65	3/4	1,239.94	3/4	1,419.56	3/4	1,599.19	3/4	1,778.82
7/8	188.49	7/8	365.59	7/8	544.10	7/8	719.18	7/8	895.91	7/8	1,068.25	7/8	1,243.68	7/8	1,423.31	7/8	1,602.93	7/8	1,782.56

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 28738"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,786.30	6	1,965.93	0	2,145.55	6	2,325.18	0	2,504.80	6	2,684.43	0	2,864.05	6	3,043.67	0	3,223.21	6	3,402.74
1/8	1,790.04	1/8	1,969.67	1/8	2,149.29	1/8	2,328.92	1/8	2,508.54	1/8	2,688.17	1/8	2,867.80	1/8	3,047.41	1/8	3,226.95	1/8	3,406.48
1/4	1,793.78	1/4	1,973.41	1/4	2,153.04	1/4	2,332.66	1/4	2,512.29	1/4	2,691.91	1/4	2,871.54	1/4	3,051.15	1/4	3,230.69	1/4	3,410.22
3/8	1,797.53	3/8	1,977.15	3/8	2,156.78	3/8	2,336.40	3/8	2,516.03	3/8	2,695.65	3/8	2,875.28	3/8	3,054.89	3/8	3,234.43	3/8	3,413.96
1/2	1,801.27	1/2	1,980.89	1/2	2,160.52	1/2	2,340.15	1/2	2,519.77	1/2	2,699.40	1/2	2,879.02	1/2	3,058.63	1/2	3,238.17	1/2	3,417.70
5/8	1,805.01	5/8	1,984.64	5/8	2,164.26	5/8	2,343.89	5/8	2,523.51	5/8	2,703.14	5/8	2,882.76	5/8	3,062.37	5/8	3,241.91	5/8	3,421.44
3/4	1,808.75	3/4	1,988.38	3/4	2,168.00	3/4	2,347.63	3/4	2,527.26	3/4	2,706.88	3/4	2,886.51	3/4	3,066.11	3/4	3,245.65	3/4	3,425.18
7/8	1,812.50	7/8	1,992.12	7/8	2,171.75	7/8	2,351.37	7/8	2,531.00	7/8	2,710.62	7/8	2,890.25	7/8	3,069.85	7/8	3,249.39	7/8	3,428.92
1	1,816.24	7	1,995.86	1	2,175.49	7	2,355.11	1	2,534.74	7	2,714.37	1	2,893.99	7	3,073.59	1	3,253.13	7	3,432.66
1/8	1,819.98	1/8	1,999.61	1/8	2,179.23	1/8	2,358.86	1/8	2,538.48	1/8	2,718.11	1/8	2,897.73	1/8	3,077.33	1/8	3,256.87	1/8	3,436.40
1/4	1,823.72	1/4	2,003.35	1/4	2,182.97	1/4	2,362.60	1/4	2,542.22	1/4	2,721.85	1/4	2,901.48	1/4	3,081.07	1/4	3,260.61	1/4	3,440.14
3/8	1,827.46	3/8	2,007.09	3/8	2,186.72	3/8	2,366.34	3/8	2,545.97	3/8	2,725.59	3/8	2,905.22	3/8	3,084.81	3/8	3,264.35	3/8	3,443.88
1/2	1,831.21	1/2	2,010.83	1/2	2,190.46	1/2	2,370.08	1/2	2,549.71	1/2	2,729.33	1/2	2,908.96	1/2	3,088.55	1/2	3,268.09	1/2	3,447.62
5/8	1,834.95	5/8	2,014.57	5/8	2,194.20	5/8	2,373.83	5/8	2,553.45	5/8	2,733.08	5/8	2,912.70	5/8	3,092.29	5/8	3,271.83	5/8	3,451.36
3/4	1,838.69	3/4	2,018.32	3/4	2,197.94	3/4	2,377.57	3/4	2,557.19	3/4	2,736.82	3/4	2,916.44	3/4	3,096.04	3/4	3,275.57	3/4	3,455.10
7/8	1,842.43	7/8	2,022.06	7/8	2,201.68	7/8	2,381.31	7/8	2,560.94	7/8	2,740.56	7/8	2,920.19	7/8	3,099.78	7/8	3,279.31	7/8	3,458.84
2	1,846.18	8	2,025.80	2	2,205.43	8	2,385.05	2	2,564.68	8	2,744.30	2	2,923.93	8	3,103.52	2	3,283.05	8	3,462.58
1/8	1,849.92	1/8	2,029.54	1/8	2,209.17	1/8	2,388.79	1/8	2,568.42	1/8	2,748.05	1/8	2,927.67	1/8	3,107.26	1/8	3,286.79	1/8	3,466.32
1/4	1,853.66	1/4	2,033.29	1/4	2,212.91	1/4	2,392.54	1/4	2,572.16	1/4	2,751.79	1/4	2,931.41	1/4	3,111.00	1/4	3,290.53	1/4	3,470.07
3/8	1,857.40	3/8	2,037.03	3/8	2,216.65	3/8	2,396.28	3/8	2,575.90	3/8	2,755.53	3/8	2,935.16	3/8	3,114.74	3/8	3,294.27	3/8	3,473.81
1/2	1,861.14	1/2	2,040.77	1/2	2,220.40	1/2	2,400.02	1/2	2,579.65	1/2	2,759.27	1/2	2,938.90	1/2	3,118.48	1/2	3,298.01	1/2	3,477.55
5/8	1,864.89	5/8	2,044.51	5/8	2,224.14	5/8	2,403.76	5/8	2,583.39	5/8	2,763.01	5/8	2,942.64	5/8	3,122.22	5/8	3,301.75	5/8	3,481.29
3/4	1,868.63	3/4	2,048.25	3/4	2,227.88	3/4	2,407.51	3/4	2,587.13	3/4	2,766.76	3/4	2,946.38	3/4	3,125.96	3/4	3,305.49	3/4	3,485.03
7/8	1,872.37	7/8	2,052.00	7/8	2,231.62	7/8	2,411.25	7/8	2,590.87	7/8	2,770.50	7/8	2,950.13	7/8	3,129.70	7/8	3,309.23	7/8	3,488.77
3	1,876.11	9	2,055.74	3	2,235.36	9	2,414.99	3	2,594.62	9	2,774.24	3	2,953.87	9	3,133.44	3	3,312.97	9	3,492.51
1/8	1,879.86	1/8	2,059.48	1/8	2,239.11	1/8	2,418.73	1/8	2,598.36	1/8	2,777.98	1/8	2,957.62	1/8	3,137.18	1/8	3,316.71	1/8	3,496.25
1/4	1,883.60	1/4	2,063.22	1/4	2,242.85	1/4	2,422.47	1/4	2,602.10	1/4	2,781.73	1/4	2,961.36	1/4	3,140.92	1/4	3,320.45	1/4	3,499.99
3/8	1,887.34	3/8	2,066.97	3/8	2,246.59	3/8	2,426.22	3/8	2,605.84	3/8	2,785.47	3/8	2,965.11	3/8	3,144.66	3/8	3,324.19	3/8	3,503.73
1/2	1,891.08	1/2	2,070.71	1/2	2,250.33	1/2	2,429.96	1/2	2,609.58	1/2	2,789.21	1/2	2,968.85	1/2	3,148.40	1/2	3,327.93	1/2	3,507.47
5/8	1,894.82	5/8	2,074.45	5/8	2,254.08	5/8	2,433.70	5/8	2,613.33	5/8	2,792.95	5/8	2,972.60	5/8	3,152.14	5/8	3,331.67	5/8	3,511.21
3/4	1,898.57	3/4	2,078.19	3/4	2,257.82	3/4	2,437.44	3/4	2,617.07	3/4	2,796.69	3/4	2,976.35	3/4	3,155.88	3/4	3,335.41	3/4	3,514.95
7/8	1,902.31	7/8	2,081.93	7/8	2,261.56	7/8	2,441.19	7/8	2,620.81	7/8	2,800.44	7/8	2,980.09	7/8	3,159.62	7/8	3,339.15	7/8	3,518.69
4	1,906.05	10	2,085.68	4	2,265.30	10	2,444.93	4	2,624.55	10	2,804.18	4	2,983.83	10	3,163.36	4	3,342.89	10	3,522.43
1/8	1,909.79	1/8	2,089.42	1/8	2,269.04	1/8	2,448.67	1/8	2,628.30	1/8	2,807.92	1/8	2,987.57	1/8	3,167.10	1/8	3,346.64	1/8	3,526.17
1/4	1,913.54	1/4	2,093.16	1/4	2,272.79	1/4	2,452.41	1/4	2,632.04	1/4	2,811.66	1/4	2,991.31	1/4	3,170.84	1/4	3,350.38	1/4	3,529.91
3/8	1,917.28	3/8	2,096.90	3/8	2,276.53	3/8	2,456.15	3/8	2,635.78	3/8	2,815.41	3/8	2,995.05	3/8	3,174.58	3/8	3,354.12	3/8	3,533.65
1/2	1,921.02	1/2	2,100.65	1/2	2,280.27	1/2	2,459.90	1/2	2,639.52	1/2	2,819.15	1/2	2,998.79	1/2	3,178.32	1/2	3,357.86	1/2	3,537.39
5/8	1,924.76	5/8	2,104.39	5/8	2,284.01	5/8	2,463.64	5/8	2,643.26	5/8	2,822.89	5/8	3,002.53	5/8	3,182.06	5/8	3,361.60	5/8	3,541.13
3/4	1,928.50	3/4	2,108.13	3/4	2,287.76	3/4	2,467.38	3/4	2,647.01	3/4	2,826.63	3/4	3,006.27	3/4	3,185.80	3/4	3,365.34	3/4	3,544.87
7/8	1,932.25	7/8	2,111.87	7/8	2,291.50	7/8	2,471.12	7/8	2,650.75	7/8	2,830.37	7/8	3,010.01	7/8	3,189.54	7/8	3,369.08	7/8	3,548.61
5	1,935.99	11	2,115.61	5	2,295.24	11	2,474.87	5	2,654.49	11	2,834.12	5	3,013.75	11	3,193.28	5	3,372.82	11	3,552.35
1/8	1,939.73	1/8	2,119.36	1/8	2,298.98	1/8	2,478.61	1/8	2,658.23	1/8	2,837.86	1/8	3,017.49	1/8	3,197.02	1/8	3,376.56	1/8	3,556.09
1/4	1,943.47	1/4	2,123.10	1/4	2,302.72	1/4	2,482.35	1/4	2,661.98	1/4	2,841.60	1/4	3,021.23	1/4	3,200.76	1/4	3,380.30	1/4	3,559.83
3/8	1,947.21	3/8	2,126.84	3/8	2,306.47	3/8	2,486.09	3/8	2,665.72	3/8	2,845.34	3/8	3,024.97	3/8	3,204.50	3/8	3,384.04	3/8	3,563.57
1/2	1,950.96	1/2	2,130.58	1/2	2,310.21	1/2	2,489.83	1/2	2,669.46	1/2	2,849.09	1/2	3,028.71	1/2	3,208.24	1/2	3,387.78	1/2	3,567.31
5/8	1,954.70	5/8	2,134.32	5/8	2,313.95	5/8	2,493.58	5/8	2,673.20	5/8	2,852.83	5/8	3,032.45	5/8	3,211.98	5/8	3,391.52	5/8	3,571.05
3/4	1,958.44	3/4	2,138.07	3/4	2,317.69	3/4	2,497.32	3/4	2,676.94	3/4	2,856.57	3/4	3,036.19	3/4	3,215.72	3/4	3,395.26	3/4	3,574.79
7/8	1,962.18	7/8	2,141.81	7/8	2,321.43	7/8	2,501.06	7/8	2,680.69	7/8	2,860.31	7/8	3,039.93	7/8	3,219.47	7/8	3,399.00	7/8	3,578.53

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BARGE "KIRBY 28738"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,582.27	6	3,761.81	0	3,941.34	6	4,120.88	0	4,300.41	6	4,479.62	0	4,658.63	6	4,836.93	0	5,013.72	6	
1/8	3,586.01	1/8	3,765.55	1/8	3,945.08	1/8	4,124.62	1/8	4,304.15	1/8	4,483.35	1/8	4,662.36	1/8	4,840.64	1/8	5,017.03	1/8	
1/4	3,589.75	1/4	3,769.29	1/4	3,948.82	1/4	4,128.36	1/4	4,307.89	1/4	4,487.08	1/4	4,666.09	1/4	4,844.35	1/4	5,020.34	1/4	
3/8	3,593.50	3/8	3,773.03	3/8	3,952.56	3/8	4,132.10	3/8	4,311.63	3/8	4,490.81	3/8	4,669.82	3/8	4,848.06	3/8	5,023.65	3/8	
1/2	3,597.24	1/2	3,776.77	1/2	3,956.30	1/2	4,135.84	1/2	4,315.37	1/2	4,494.54	1/2	4,673.55	1/2	4,851.76	1/2	5,026.96	1/2	
5/8	3,600.98	5/8	3,780.51	5/8	3,960.04	5/8	4,139.58	5/8	4,319.11	5/8	4,498.27	5/8	4,677.28	5/8	4,855.47	5/8	5,030.27	5/8	
3/4	3,604.72	3/4	3,784.25	3/4	3,963.78	3/4	4,143.32	3/4	4,322.85	3/4	4,502.00	3/4	4,681.01	3/4	4,859.18	3/4	5,033.58	3/4	
7/8	3,608.46	7/8	3,787.99	7/8	3,967.53	7/8	4,147.06	7/8	4,326.59	7/8	4,505.73	7/8	4,684.73	7/8	4,862.89	7/8	5,036.35	7/8	
1	3,612.20	7	3,791.73	1	3,971.27	7	4,150.80	1	4,330.33	7	4,509.46	1	4,688.46	7	4,866.60	1	5,039.13	7	
1/8	3,615.94	1/8	3,795.47	1/8	3,975.01	1/8	4,154.54	1/8	4,334.07	1/8	4,513.19	1/8	4,692.18	1/8	4,870.31	1/8	5,041.90	1/8	
1/4	3,619.68	1/4	3,799.21	1/4	3,978.75	1/4	4,158.28	1/4	4,337.81	1/4	4,516.92	1/4	4,695.91	1/4	4,874.02	1/4	5,044.68	1/4	
3/8	3,623.42	3/8	3,802.95	3/8	3,982.49	3/8	4,162.02	3/8	4,341.56	3/8	4,520.65	3/8	4,699.63	3/8	4,877.73	3/8	5,047.46	3/8	
1/2	3,627.16	1/2	3,806.69	1/2	3,986.23	1/2	4,165.76	1/2	4,345.30	1/2	4,524.37	1/2	4,703.36	1/2	4,881.44	1/2	5,050.23	1/2	
5/8	3,630.90	5/8	3,810.43	5/8	3,989.97	5/8	4,169.50	5/8	4,349.04	5/8	4,528.10	5/8	4,707.08	5/8	4,885.15	5/8	5,053.01	5/8	
3/4	3,634.64	3/4	3,814.17	3/4	3,993.71	3/4	4,173.24	3/4	4,352.78	3/4	4,531.83	3/4	4,710.80	3/4	4,888.86	3/4	5,055.78	3/4	
7/8	3,638.38	7/8	3,817.91	7/8	3,997.45	7/8	4,176.98	7/8	4,356.51	7/8	4,535.56	7/8	4,714.51	7/8	4,892.58	7/8	5,058.02	7/8	
2	3,642.12	8	3,821.65	2	4,001.19	8	4,180.72	2	4,360.25	8	4,539.29	2	4,718.22	8	4,896.29	2	5,060.27	8	
1/8	3,645.86	1/8	3,825.39	1/8	4,004.93	1/8	4,184.46	1/8	4,363.98	1/8	4,543.02	1/8	4,721.93	1/8	4,900.00	1/8	5,062.51	1/8	
1/4	3,649.60	1/4	3,829.13	1/4	4,008.67	1/4	4,188.20	1/4	4,367.72	1/4	4,546.75	1/4	4,725.64	1/4	4,903.71	1/4	5,064.75	1/4	
3/8	3,653.34	3/8	3,832.87	3/8	4,012.41	3/8	4,191.94	3/8	4,371.45	3/8	4,550.48	3/8	4,729.35	3/8	4,907.42	3/8	5,066.99	3/8	
1/2	3,657.08	1/2	3,836.61	1/2	4,016.15	1/2	4,195.68	1/2	4,375.19	1/2	4,554.21	1/2	4,733.06	1/2	4,911.13	1/2	5,069.23	1/2	
5/8	3,660.82	5/8	3,840.35	5/8	4,019.89	5/8	4,199.42	5/8	4,378.92	5/8	4,557.94	5/8	4,736.77	5/8	4,914.85	5/8		5/8	
3/4	3,664.56	3/4	3,844.10	3/4	4,023.63	3/4	4,203.16	3/4	4,382.66	3/4	4,561.67	3/4	4,740.48	3/4	4,918.56	3/4		3/4	
7/8	3,668.30	7/8	3,847.84	7/8	4,027.37	7/8	4,206.90	7/8	4,386.39	7/8	4,565.40	7/8	4,744.19	7/8	4,922.27	7/8		7/8	
3	3,672.04	9	3,851.58	3	4,031.11	9	4,210.64	3	4,390.12	9	4,569.13	3	4,747.90	9	4,925.98	3		9	
1/8	3,675.78	1/8	3,855.32	1/8	4,034.85	1/8	4,214.38	1/8	4,393.85	1/8	4,572.86	1/8	4,751.61	1/8	4,929.69	1/8		1/8	
1/4	3,679.52	1/4	3,859.06	1/4	4,038.59	1/4	4,218.13	1/4	4,397.58	1/4	4,576.59	1/4	4,755.32	1/4	4,933.40	1/4		1/4	
3/8	3,683.26	3/8	3,862.80	3/8	4,042.33	3/8	4,221.87	3/8	4,401.30	3/8	4,580.32	3/8	4,759.03	3/8	4,937.11	3/8		3/8	
1/2	3,687.00	1/2	3,866.54	1/2	4,046.07	1/2	4,225.61	1/2	4,405.03	1/2	4,584.05	1/2	4,762.74	1/2	4,940.83	1/2		1/2	
5/8	3,690.74	5/8	3,870.28	5/8	4,049.81	5/8	4,229.35	5/8	4,408.76	5/8	4,587.77	5/8	4,766.45	5/8	4,944.54	5/8		5/8	
3/4	3,694.48	3/4	3,874.02	3/4	4,053.55	3/4	4,233.09	3/4	4,412.49	3/4	4,591.50	3/4	4,770.16	3/4	4,948.25	3/4		3/4	
7/8	3,698.22	7/8	3,877.76	7/8	4,057.29	7/8	4,236.83	7/8	4,416.22	7/8	4,595.23	7/8	4,773.87	7/8	4,951.96	7/8		7/8	
4	3,701.96	10	3,881.50	4	4,061.03	10	4,240.57	4	4,419.95	10	4,598.96	4	4,777.57	10	4,955.67	4		10	
1/8	3,705.70	1/8	3,885.24	1/8	4,064.77	1/8	4,244.31	1/8	4,423.68	1/8	4,602.69	1/8	4,781.28	1/8	4,959.38	1/8		1/8	
1/4	3,709.44	1/4	3,888.98	1/4	4,068.51	1/4	4,248.05	1/4	4,427.41	1/4	4,606.42	1/4	4,784.99	1/4	4,963.09	1/4		1/4	
3/8	3,713.18	3/8	3,892.72	3/8	4,072.25	3/8	4,251.79	3/8	4,431.14	3/8	4,610.15	3/8	4,788.70	3/8	4,966.81	3/8		3/8	
1/2	3,716.92	1/2	3,896.46	1/2	4,075.99	1/2	4,255.53	1/2	4,434.87	1/2	4,613.88	1/2	4,792.41	1/2	4,970.52	1/2		1/2	
5/8	3,720.67	5/8	3,900.20	5/8	4,079.73	5/8	4,259.27	5/8	4,438.60	5/8	4,617.61	5/8	4,796.12	5/8	4,974.23	5/8		5/8	
3/4	3,724.41	3/4	3,903.94	3/4	4,083.47	3/4	4,263.01	3/4	4,442.33	3/4	4,621.34	3/4	4,799.83	3/4	4,977.94	3/4		3/4	
7/8	3,728.15	7/8	3,907.68	7/8	4,087.21	7/8	4,266.75	7/8	4,446.06	7/8	4,625.07	7/8	4,803.54	7/8	4,981.59	7/8		7/8	
5	3,731.89	11	3,911.42	5	4,090.95	11	4,270.49	5	4,449.79	11	4,628.80	5	4,807.25	11	4,985.23	5		11	
1/8	3,735.63	1/8	3,915.16	1/8	4,094.70	1/8	4,274.23	1/8	4,453.52	1/8	4,632.53	1/8	4,810.96	1/8	4,988.87	1/8		1/8	
1/4	3,739.37	1/4	3,918.90	1/4	4,098.44	1/4	4,277.97	1/4	4,457.25	1/4	4,636.26	1/4	4,814.67	1/4	4,992.52	1/4		1/4	
3/8	3,743.11	3/8	3,922.64	3/8	4,102.18	3/8	4,281.71	3/8	4,460.97	3/8	4,639.99	3/8	4,818.38	3/8	4,996.16	3/8		3/8	
1/2	3,746.85	1/2	3,926.38	1/2	4,105.92	1/2	4,285.45	1/2	4,464.70	1/2	4,643.72	1/2	4,822.09	1/2	4,999.81	1/2		1/2	
5/8	3,750.59	5/8	3,930.12	5/8	4,109.66	5/8	4,289.19	5/8	4,468.43	5/8	4,647.44	5/8	4,825.80	5/8	5,003.45	5/8		5/8	
3/4	3,754.33	3/4	3,933.86	3/4	4,113.40	3/4	4,292.93	3/4	4,472.16	3/4	4,651.17	3/4	4,829.51	3/4	5,007.10	3/4		3/4	
7/8	3,758.07	7/8	3,937.60	7/8	4,117.14	7/8	4,296.67	7/8	4,475.89	7/8	4,654.90	7/8	4,833.22	7/8	5,010.41	7/8		7/8	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/26/2012 CL
RECALCULATED: 07/05/2022 CL
PRINTED: 07/05/2022 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2022

Pearland, Texas 77588

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BARGE "KIRBY 28738"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	25.57	6	192.16	0	369.38	6	547.81	0	723.01	6	902.53	0	1,081.88	6	1,261.49	0	1,441.14	6	1,620.79
1/8	28.15	1/8	195.80	1/8	373.12	1/8	551.45	1/8	726.75	1/8	906.26	1/8	1,085.62	1/8	1,265.24	1/8	1,444.89	1/8	1,624.54
1/4	30.72	1/4	199.44	1/4	376.87	1/4	555.10	1/4	730.49	1/4	910.00	1/4	1,089.36	1/4	1,268.98	1/4	1,448.63	1/4	1,628.28
3/8	33.29	3/8	203.09	3/8	380.61	3/8	558.74	3/8	734.24	3/8	913.73	3/8	1,093.10	3/8	1,272.72	3/8	1,452.37	3/8	1,632.02
1/2	35.86	1/2	206.73	1/2	384.35	1/2	562.38	1/2	737.98	1/2	917.47	1/2	1,096.84	1/2	1,276.47	1/2	1,456.11	1/2	1,635.76
5/8	38.44	5/8	210.37	5/8	388.09	5/8	566.02	5/8	741.72	5/8	921.21	5/8	1,100.58	5/8	1,280.21	5/8	1,459.86	5/8	1,639.51
3/4	41.01	3/4	214.01	3/4	391.84	3/4	569.66	3/4	745.46	3/4	924.94	3/4	1,104.32	3/4	1,283.95	3/4	1,463.60	3/4	1,643.25
7/8	44.40	7/8	217.65	7/8	395.58	7/8	573.30	7/8	749.21	7/8	928.68	7/8	1,108.06	7/8	1,287.69	7/8	1,467.34	7/8	1,646.99
1	47.79	7	221.29	1	399.32	7	576.94	1	752.95	7	932.42	1	1,111.80	7	1,291.44	1	1,471.09	7	1,650.74
1/8	51.19	1/8	224.94	1/8	403.06	1/8	580.59	1/8	756.69	1/8	936.15	1/8	1,115.54	1/8	1,295.18	1/8	1,474.83	1/8	1,654.48
1/4	54.58	1/4	228.58	1/4	406.81	1/4	584.23	1/4	760.43	1/4	939.89	1/4	1,119.28	1/4	1,298.92	1/4	1,478.57	1/4	1,658.22
3/8	57.97	3/8	232.22	3/8	410.55	3/8	587.87	3/8	764.18	3/8	943.62	3/8	1,123.02	3/8	1,302.66	3/8	1,482.31	3/8	1,661.96
1/2	61.36	1/2	235.86	1/2	414.29	1/2	591.51	1/2	767.92	1/2	947.36	1/2	1,126.76	1/2	1,306.41	1/2	1,486.06	1/2	1,665.71
5/8	64.75	5/8	239.50	5/8	418.04	5/8	595.15	5/8	771.66	5/8	951.10	5/8	1,130.50	5/8	1,310.15	5/8	1,489.80	5/8	1,669.45
3/4	68.14	3/4	243.14	3/4	421.78	3/4	598.79	3/4	775.40	3/4	954.83	3/4	1,134.24	3/4	1,313.89	3/4	1,493.54	3/4	1,673.19
7/8	71.89	7/8	246.78	7/8	425.52	7/8	602.44	7/8	779.15	7/8	958.57	7/8	1,137.99	7/8	1,317.63	7/8	1,497.28	7/8	1,676.93
2	75.63	8	250.43	2	429.26	8	606.08	2	782.89	8	962.31	2	1,141.73	8	1,321.38	2	1,501.03	8	1,680.68
1/8	79.27	1/8	254.07	1/8	433.01	1/8	609.72	1/8	786.63	1/8	966.04	1/8	1,145.47	1/8	1,325.12	1/8	1,504.77	1/8	1,684.42
1/4	82.91	1/4	257.71	1/4	436.75	1/4	613.36	1/4	790.37	1/4	969.78	1/4	1,149.21	1/4	1,328.86	1/4	1,508.51	1/4	1,688.16
3/8	86.55	3/8	261.35	3/8	440.49	3/8	617.00	3/8	794.12	3/8	973.52	3/8	1,152.96	3/8	1,332.61	3/8	1,512.26	3/8	1,691.90
1/2	90.20	1/2	264.99	1/2	444.23	1/2	620.64	1/2	797.86	1/2	977.25	1/2	1,156.70	1/2	1,336.35	1/2	1,516.00	1/2	1,695.65
5/8	93.84	5/8	268.63	5/8	447.98	5/8	624.28	5/8	801.60	5/8	980.99	5/8	1,160.44	5/8	1,340.09	5/8	1,519.74	5/8	1,699.39
3/4	97.48	3/4	272.28	3/4	451.72	3/4	627.93	3/4	805.34	3/4	984.72	3/4	1,164.18	3/4	1,343.83	3/4	1,523.48	3/4	1,703.13
7/8	101.12	7/8	275.92	7/8	455.46	7/8	631.57	7/8	809.08	7/8	988.46	7/8	1,167.93	7/8	1,347.58	7/8	1,527.23	7/8	1,706.88
3	104.76	9	279.56	3	459.20	9	635.21	3	812.83	9	992.20	3	1,171.67	9	1,351.32	3	1,530.97	9	1,710.62
1/8	108.40	1/8	283.30	1/8	462.95	1/8	638.85	1/8	816.57	1/8	995.93	1/8	1,175.41	1/8	1,355.06	1/8	1,534.71	1/8	1,714.36
1/4	112.05	1/4	287.04	1/4	466.69	1/4	642.49	1/4	820.31	1/4	999.67	1/4	1,179.15	1/4	1,358.80	1/4	1,538.45	1/4	1,718.10
3/8	115.69	3/8	290.79	3/8	470.43	3/8	646.13	3/8	824.05	3/8	1,003.41	3/8	1,182.90	3/8	1,362.55	3/8	1,542.20	3/8	1,721.85
1/2	119.33	1/2	294.53	1/2	474.17	1/2	649.77	1/2	827.79	1/2	1,007.14	1/2	1,186.64	1/2	1,366.29	1/2	1,545.94	1/2	1,725.59
5/8	122.97	5/8	298.27	5/8	477.92	5/8	653.42	5/8	831.53	5/8	1,010.88	5/8	1,190.38	5/8	1,370.03	5/8	1,549.68	5/8	1,729.33
3/4	126.61	3/4	302.01	3/4	481.66	3/4	657.06	3/4	835.27	3/4	1,014.61	3/4	1,194.13	3/4	1,373.78	3/4	1,553.42	3/4	1,733.07
7/8	130.25	7/8	305.76	7/8	485.40	7/8	660.70	7/8	839.01	7/8	1,018.35	7/8	1,197.87	7/8	1,377.52	7/8	1,557.17	7/8	1,736.82
4	133.90	10	309.50	4	489.14	10	664.34	4	842.74	10	1,022.09	4	1,201.61	10	1,381.26	4	1,560.91	10	1,740.56
1/8	137.54	1/8	313.24	1/8	492.89	1/8	667.98	1/8	846.48	1/8	1,025.82	1/8	1,205.35	1/8	1,385.00	1/8	1,564.65	1/8	1,744.30
1/4	141.18	1/4	316.99	1/4	496.63	1/4	671.62	1/4	850.22	1/4	1,029.56	1/4	1,209.10	1/4	1,388.75	1/4	1,568.40	1/4	1,748.05
3/8	144.82	3/8	320.73	3/8	500.37	3/8	675.27	3/8	853.95	3/8	1,033.30	3/8	1,212.84	3/8	1,392.49	3/8	1,572.14	3/8	1,751.79
1/2	148.46	1/2	324.47	1/2	504.11	1/2	678.91	1/2	857.69	1/2	1,037.03	1/2	1,216.58	1/2	1,396.23	1/2	1,575.88	1/2	1,755.53
5/8	152.10	5/8	328.21	5/8	507.76	5/8	682.55	5/8	861.43	5/8	1,040.77	5/8	1,220.32	5/8	1,399.97	5/8	1,579.62	5/8	1,759.27
3/4	155.74	3/4	331.96	3/4	511.40	3/4	686.19	3/4	865.16	3/4	1,044.50	3/4	1,224.07	3/4	1,403.72	3/4	1,583.37	3/4	1,763.02
7/8	159.39	7/8	335.70	7/8	515.04	7/8	689.83	7/8	868.90	7/8	1,048.24	7/8	1,227.81	7/8	1,407.46	7/8	1,587.11	7/8	1,766.76
5	163.03	11	339.44	5	518.68	11	693.47	5	872.63	11	1,051.98	5	1,231.55	11	1,411.20	5	1,590.85	11	1,770.50
1/8	166.67	1/8	343.18	1/8	522.32	1/8	697.11	1/8	876.37	1/8	1,055.71	1/8	1,235.30	1/8	1,414.94	1/8	1,594.59	1/8	1,774.24
1/4	170.31	1/4	346.93	1/4	525.96	1/4	700.76	1/4	880.11	1/4	1,059.45	1/4	1,239.04	1/4	1,418.69	1/4	1,598.34	1/4	1,777.99
3/8	173.95	3/8	350.67	3/8	529.61	3/8	704.40	3/8	883.84	3/8	1,063.19	3/8	1,242.78	3/8	1,422.43	3/8	1,602.08	3/8	1,781.73
1/2	177.59	1/2	354.41	1/2	533.25	1/2	708.04	1/2	887.58	1/2	1,066.93	1/2	1,246.52	1/2	1,426.17	1/2	1,605.82	1/2	1,785.47
5/8	181.24	5/8	358.15	5/8	536.89	5/8	711.78	5/8	891.32	5/8	1,070.66	5/8	1,250.27	5/8	1,429.92	5/8	1,609.57	5/8	1,789.21
3/4	184.88	3/4	361.90	3/4	540.53	3/4	715.52	3/4	895.05	3/4	1,074.40	3/4	1,254.01	3/4	1,433.66	3/4	1,613.31	3/4	1,792.96
7/8	188.52	7/8	365.64	7/8	544.17	7/8	719.27	7/8	898.79	7/8	1,078.14	7/8	1,257.75	7/8	1,437.40	7/8	1,617.05	7/8	1,796.70

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28738"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,800.44	6	1,980.09	0	2,159.74	6	2,339.39	0	2,519.04	6	2,698.69	0	2,878.34	6	3,057.96	0	3,237.51	6	3,417.06
1/8	1,804.19	1/8	1,983.84	1/8	2,163.48	1/8	2,343.13	1/8	2,522.78	1/8	2,702.43	1/8	2,882.08	1/8	3,061.70	1/8	3,241.25	1/8	3,420.80
1/4	1,807.93	1/4	1,987.58	1/4	2,167.23	1/4	2,346.88	1/4	2,526.53	1/4	2,706.18	1/4	2,885.83	1/4	3,065.44	1/4	3,244.99	1/4	3,424.55
3/8	1,811.67	3/8	1,991.32	3/8	2,170.97	3/8	2,350.62	3/8	2,530.27	3/8	2,709.92	3/8	2,889.57	3/8	3,069.18	3/8	3,248.73	3/8	3,428.29
1/2	1,815.41	1/2	1,995.06	1/2	2,174.71	1/2	2,354.36	1/2	2,534.01	1/2	2,713.66	1/2	2,893.31	1/2	3,072.92	1/2	3,252.47	1/2	3,432.03
5/8	1,819.16	5/8	1,998.81	5/8	2,178.46	5/8	2,358.11	5/8	2,537.75	5/8	2,717.40	5/8	2,897.05	5/8	3,076.66	5/8	3,256.21	5/8	3,435.77
3/4	1,822.90	3/4	2,002.55	3/4	2,182.20	3/4	2,361.85	3/4	2,541.50	3/4	2,721.15	3/4	2,900.80	3/4	3,080.40	3/4	3,259.95	3/4	3,439.51
7/8	1,826.64	7/8	2,006.29	7/8	2,185.94	7/8	2,365.59	7/8	2,545.24	7/8	2,724.89	7/8	2,904.54	7/8	3,084.14	7/8	3,263.70	7/8	3,443.25
1	1,830.38	7	2,010.03	1	2,189.68	7	2,369.33	1	2,548.98	7	2,728.63	1	2,908.28	7	3,087.88	1	3,267.44	7	3,446.99
1/8	1,834.13	1/8	2,013.78	1/8	2,193.43	1/8	2,373.08	1/8	2,552.73	1/8	2,732.38	1/8	2,912.02	1/8	3,091.62	1/8	3,271.18	1/8	3,450.73
1/4	1,837.87	1/4	2,017.52	1/4	2,197.17	1/4	2,376.82	1/4	2,556.47	1/4	2,736.12	1/4	2,915.77	1/4	3,095.36	1/4	3,274.92	1/4	3,454.47
3/8	1,841.61	3/8	2,021.26	3/8	2,200.91	3/8	2,380.56	3/8	2,560.21	3/8	2,739.86	3/8	2,919.51	3/8	3,099.10	3/8	3,278.66	3/8	3,458.21
1/2	1,845.36	1/2	2,025.01	1/2	2,204.65	1/2	2,384.30	1/2	2,563.95	1/2	2,743.60	1/2	2,923.25	1/2	3,102.84	1/2	3,282.40	1/2	3,461.95
5/8	1,849.10	5/8	2,028.75	5/8	2,208.40	5/8	2,388.05	5/8	2,567.70	5/8	2,747.35	5/8	2,927.00	5/8	3,106.59	5/8	3,286.14	5/8	3,465.69
3/4	1,852.84	3/4	2,032.49	3/4	2,212.14	3/4	2,391.79	3/4	2,571.44	3/4	2,751.09	3/4	2,930.74	3/4	3,110.33	3/4	3,289.88	3/4	3,469.43
7/8	1,856.58	7/8	2,036.23	7/8	2,215.88	7/8	2,395.53	7/8	2,575.18	7/8	2,754.83	7/8	2,934.48	7/8	3,114.07	7/8	3,293.62	7/8	3,473.17
2	1,860.33	8	2,039.98	2	2,219.63	8	2,399.27	2	2,578.92	8	2,758.57	2	2,938.22	8	3,117.81	2	3,297.36	8	3,476.91
1/8	1,864.07	1/8	2,043.72	1/8	2,223.37	1/8	2,403.02	1/8	2,582.67	1/8	2,762.32	1/8	2,941.97	1/8	3,121.55	1/8	3,301.10	1/8	3,480.66
1/4	1,867.81	1/4	2,047.46	1/4	2,227.11	1/4	2,406.76	1/4	2,586.41	1/4	2,766.06	1/4	2,945.71	1/4	3,125.29	1/4	3,304.84	1/4	3,484.40
3/8	1,871.55	3/8	2,051.20	3/8	2,230.85	3/8	2,410.50	3/8	2,590.15	3/8	2,769.80	3/8	2,949.45	3/8	3,129.03	3/8	3,308.58	3/8	3,488.14
1/2	1,875.30	1/2	2,054.95	1/2	2,234.60	1/2	2,414.25	1/2	2,593.90	1/2	2,773.54	1/2	2,953.19	1/2	3,132.77	1/2	3,312.32	1/2	3,491.88
5/8	1,879.04	5/8	2,058.69	5/8	2,238.34	5/8	2,417.99	5/8	2,597.64	5/8	2,777.29	5/8	2,956.94	5/8	3,136.51	5/8	3,316.06	5/8	3,495.62
3/4	1,882.78	3/4	2,062.43	3/4	2,242.08	3/4	2,421.73	3/4	2,601.38	3/4	2,781.03	3/4	2,960.68	3/4	3,140.25	3/4	3,319.81	3/4	3,499.36
7/8	1,886.53	7/8	2,066.17	7/8	2,245.82	7/8	2,425.47	7/8	2,605.12	7/8	2,784.77	7/8	2,964.42	7/8	3,143.99	7/8	3,323.55	7/8	3,503.10
3	1,890.27	9	2,069.92	3	2,249.57	9	2,429.22	3	2,608.87	9	2,788.52	3	2,968.17	9	3,147.73	3	3,327.29	9	3,506.84
1/8	1,894.01	1/8	2,073.66	1/8	2,253.31	1/8	2,432.96	1/8	2,612.61	1/8	2,792.26	1/8	2,971.91	1/8	3,151.47	1/8	3,331.03	1/8	3,510.58
1/4	1,897.75	1/4	2,077.40	1/4	2,257.05	1/4	2,436.70	1/4	2,616.35	1/4	2,796.00	1/4	2,975.65	1/4	3,155.21	1/4	3,334.77	1/4	3,514.32
3/8	1,901.50	3/8	2,081.15	3/8	2,260.80	3/8	2,440.44	3/8	2,620.09	3/8	2,799.74	3/8	2,979.39	3/8	3,158.96	3/8	3,338.51	3/8	3,518.06
1/2	1,905.24	1/2	2,084.89	1/2	2,264.54	1/2	2,444.19	1/2	2,623.84	1/2	2,803.49	1/2	2,983.14	1/2	3,162.70	1/2	3,342.25	1/2	3,521.80
5/8	1,908.98	5/8	2,088.63	5/8	2,268.28	5/8	2,447.93	5/8	2,627.58	5/8	2,807.23	5/8	2,986.88	5/8	3,166.44	5/8	3,345.99	5/8	3,525.54
3/4	1,912.72	3/4	2,092.37	3/4	2,272.02	3/4	2,451.67	3/4	2,631.32	3/4	2,810.97	3/4	2,990.62	3/4	3,170.18	3/4	3,349.73	3/4	3,529.28
7/8	1,916.47	7/8	2,096.12	7/8	2,275.77	7/8	2,455.42	7/8	2,635.07	7/8	2,814.71	7/8	2,994.36	7/8	3,173.92	7/8	3,353.47	7/8	3,533.03
4	1,920.21	10	2,099.86	4	2,279.51	10	2,459.16	4	2,638.81	10	2,818.46	4	2,998.11	10	3,177.66	4	3,357.21	10	3,536.77
1/8	1,923.95	1/8	2,103.60	1/8	2,283.25	1/8	2,462.90	1/8	2,642.55	1/8	2,822.20	1/8	3,001.85	1/8	3,181.40	1/8	3,360.95	1/8	3,540.51
1/4	1,927.69	1/4	2,107.34	1/4	2,286.99	1/4	2,466.64	1/4	2,646.29	1/4	2,825.94	1/4	3,005.59	1/4	3,185.14	1/4	3,364.69	1/4	3,544.25
3/8	1,931.44	3/8	2,111.09	3/8	2,290.74	3/8	2,470.39	3/8	2,650.04	3/8	2,829.69	3/8	3,009.33	3/8	3,188.88	3/8	3,368.43	3/8	3,547.99
1/2	1,935.18	1/2	2,114.83	1/2	2,294.48	1/2	2,474.13	1/2	2,653.78	1/2	2,833.43	1/2	3,013.07	1/2	3,192.62	1/2	3,372.18	1/2	3,551.73
5/8	1,938.92	5/8	2,118.57	5/8	2,298.22	5/8	2,477.87	5/8	2,657.52	5/8	2,837.17	5/8	3,016.81	5/8	3,196.36	5/8	3,375.92	5/8	3,555.47
3/4	1,942.67	3/4	2,122.32	3/4	2,301.96	3/4	2,481.61	3/4	2,661.26	3/4	2,840.91	3/4	3,020.55	3/4	3,200.10	3/4	3,379.66	3/4	3,559.21
7/8	1,946.41	7/8	2,126.06	7/8	2,305.71	7/8	2,485.36	7/8	2,665.01	7/8	2,844.66	7/8	3,024.29	7/8	3,203.84	7/8	3,383.40	7/8	3,562.95
5	1,950.15	11	2,129.80	5	2,309.45	11	2,489.10	5	2,668.75	11	2,848.40	5	3,028.03	11	3,207.58	5	3,387.14	11	3,566.69
1/8	1,953.89	1/8	2,133.54	1/8	2,313.19	1/8	2,492.84	1/8	2,672.49	1/8	2,852.14	1/8	3,031.77	1/8	3,211.33	1/8	3,390.88	1/8	3,570.43
1/4	1,957.64	1/4	2,137.29	1/4	2,316.94	1/4	2,496.59	1/4	2,676.23	1/4	2,855.88	1/4	3,035.51	1/4	3,215.07	1/4	3,394.62	1/4	3,574.17
3/8	1,961.38	3/8	2,141.03	3/8	2,320.68	3/8	2,500.33	3/8	2,679.98	3/8	2,859.63	3/8	3,039.25	3/8	3,218.81	3/8	3,398.36	3/8	3,577.91
1/2	1,965.12	1/2	2,144.77	1/2	2,324.42	1/2	2,504.07	1/2	2,683.72	1/2	2,863.37	1/2	3,042.99	1/2	3,222.55	1/2	3,402.10	1/2	3,581.65
5/8	1,968.86	5/8	2,148.51	5/8	2,328.16	5/8	2,507.81	5/8	2,687.46	5/8	2,867.11	5/8	3,046.73	5/8	3,226.29	5/8	3,405.84	5/8	3,585.40
3/4	1,972.61	3/4	2,152.26	3/4	2,331.91	3/4	2,511.56	3/4	2,691.21	3/4	2,870.86	3/4	3,050.48	3/4	3,230.03	3/4	3,409.58	3/4	3,589.14
7/8	1,976.35	7/8	2,156.00	7/8	2,335.65	7/8	2,515.30	7/8	2,694.95	7/8	2,874.60	7/8	3,054.22	7/8	3,233.77	7/8	3,413.32	7/8	3,592.88

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BARGE "KIRBY 28738"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,596.62	6	3,776.17	0	3,955.72	6	4,135.28	0	4,314.83	6	4,494.08	0	4,673.11	6	4,851.43	0	5,028.25	6	
1/8	3,600.36	1/8	3,779.91	1/8	3,959.47	1/8	4,139.02	1/8	4,318.57	1/8	4,497.81	1/8	4,676.84	1/8	4,855.14	1/8	5,031.56	1/8	
1/4	3,604.10	1/4	3,783.65	1/4	3,963.21	1/4	4,142.76	1/4	4,322.31	1/4	4,501.54	1/4	4,680.57	1/4	4,858.85	1/4	5,034.87	1/4	
3/8	3,607.84	3/8	3,787.39	3/8	3,966.95	3/8	4,146.50	3/8	4,326.05	3/8	4,505.27	3/8	4,684.30	3/8	4,862.56	3/8	5,038.18	3/8	
1/2	3,611.58	1/2	3,791.13	1/2	3,970.69	1/2	4,150.24	1/2	4,329.79	1/2	4,509.00	1/2	4,688.03	1/2	4,866.27	1/2	5,041.49	1/2	
5/8	3,615.32	5/8	3,794.87	5/8	3,974.43	5/8	4,153.98	5/8	4,333.54	5/8	4,512.73	5/8	4,691.76	5/8	4,869.98	5/8	5,044.80	5/8	
3/4	3,619.06	3/4	3,798.62	3/4	3,978.17	3/4	4,157.72	3/4	4,337.28	3/4	4,516.46	3/4	4,695.49	3/4	4,873.69	3/4	5,048.11	3/4	
7/8	3,622.80	7/8	3,802.36	7/8	3,981.91	7/8	4,161.46	7/8	4,341.02	7/8	4,520.19	7/8	4,699.21	7/8	4,877.40	7/8	5,050.89	7/8	
1	3,626.54	7	3,806.10	1	3,985.65	7	4,165.20	1	4,344.76	7	4,523.92	1	4,702.94	7	4,881.11	1	5,053.66	7	
1/8	3,630.28	1/8	3,809.84	1/8	3,989.39	1/8	4,168.94	1/8	4,348.50	1/8	4,527.65	1/8	4,706.67	1/8	4,884.82	1/8	5,056.44	1/8	
1/4	3,634.02	1/4	3,813.58	1/4	3,993.13	1/4	4,172.69	1/4	4,352.24	1/4	4,531.38	1/4	4,710.39	1/4	4,888.53	1/4	5,059.22	1/4	
3/8	3,637.77	3/8	3,817.32	3/8	3,996.87	3/8	4,176.43	3/8	4,355.98	3/8	4,535.11	3/8	4,714.12	3/8	4,892.24	3/8	5,061.99	3/8	
1/2	3,641.51	1/2	3,821.06	1/2	4,000.61	1/2	4,180.17	1/2	4,359.72	1/2	4,538.84	1/2	4,717.84	1/2	4,895.95	1/2	5,064.77	1/2	
5/8	3,645.25	5/8	3,824.80	5/8	4,004.35	5/8	4,183.91	5/8	4,363.46	5/8	4,542.57	5/8	4,721.57	5/8	4,899.66	5/8	5,067.54	5/8	
3/4	3,648.99	3/4	3,828.54	3/4	4,008.09	3/4	4,187.65	3/4	4,367.20	3/4	4,546.30	3/4	4,725.29	3/4	4,903.37	3/4	5,070.32	3/4	
7/8	3,652.73	7/8	3,832.28	7/8	4,011.84	7/8	4,191.39	7/8	4,370.94	7/8	4,550.03	7/8	4,729.00	7/8	4,907.09	7/8	5,072.56	7/8	
2	3,656.47	8	3,836.02	2	4,015.58	8	4,195.13	2	4,374.68	8	4,553.76	2	4,732.71	8	4,910.80	2	5,074.80	8	
1/8	3,660.21	1/8	3,839.76	1/8	4,019.32	1/8	4,198.87	1/8	4,378.42	1/8	4,557.49	1/8	4,736.42	1/8	4,914.51	1/8	5,077.05	1/8	
1/4	3,663.95	1/4	3,843.50	1/4	4,023.06	1/4	4,202.61	1/4	4,382.15	1/4	4,561.22	1/4	4,740.13	1/4	4,918.22	1/4	5,079.29	1/4	
3/8	3,667.69	3/8	3,847.24	3/8	4,026.80	3/8	4,206.35	3/8	4,385.89	3/8	4,564.95	3/8	4,743.84	3/8	4,921.93	3/8	5,081.53	3/8	
1/2	3,671.43	1/2	3,850.98	1/2	4,030.54	1/2	4,210.09	1/2	4,389.63	1/2	4,568.68	1/2	4,747.55	1/2	4,925.65	1/2	5,083.77	1/2	
5/8	3,675.17	5/8	3,854.73	5/8	4,034.28	5/8	4,213.83	5/8	4,393.37	5/8	4,572.41	5/8	4,751.26	5/8	4,929.36	5/8		5/8	
3/4	3,678.91	3/4	3,858.47	3/4	4,038.02	3/4	4,217.57	3/4	4,397.11	3/4	4,576.14	3/4	4,754.97	3/4	4,933.07	3/4		3/4	
7/8	3,682.65	7/8	3,862.21	7/8	4,041.76	7/8	4,221.31	7/8	4,400.84	7/8	4,579.87	7/8	4,758.68	7/8	4,936.78	7/8		7/8	
3	3,686.39	9	3,865.95	3	4,045.50	9	4,225.05	3	4,404.57	9	4,583.60	3	4,762.39	9	4,940.49	3		9	
1/8	3,690.13	1/8	3,869.69	1/8	4,049.24	1/8	4,228.80	1/8	4,408.29	1/8	4,587.33	1/8	4,766.10	1/8	4,944.21	1/8		1/8	
1/4	3,693.88	1/4	3,873.43	1/4	4,052.98	1/4	4,232.54	1/4	4,412.02	1/4	4,591.06	1/4	4,769.81	1/4	4,947.92	1/4		1/4	
3/8	3,697.62	3/8	3,877.17	3/8	4,056.72	3/8	4,236.28	3/8	4,415.75	3/8	4,594.78	3/8	4,773.52	3/8	4,951.63	3/8		3/8	
1/2	3,701.36	1/2	3,880.91	1/2	4,060.46	1/2	4,240.02	1/2	4,419.48	1/2	4,598.51	1/2	4,777.23	1/2	4,955.34	1/2		1/2	
5/8	3,705.10	5/8	3,884.65	5/8	4,064.20	5/8	4,243.76	5/8	4,423.21	5/8	4,602.24	5/8	4,780.94	5/8	4,959.05	5/8		5/8	
3/4	3,708.84	3/4	3,888.39	3/4	4,067.95	3/4	4,247.50	3/4	4,426.94	3/4	4,605.97	3/4	4,784.65	3/4	4,962.76	3/4		3/4	
7/8	3,712.58	7/8	3,892.13	7/8	4,071.69	7/8	4,251.24	7/8	4,430.67	7/8	4,609.70	7/8	4,788.36	7/8	4,966.48	7/8		7/8	
4	3,716.32	10	3,895.87	4	4,075.43	10	4,254.98	4	4,434.40	10	4,613.43	4	4,792.07	10	4,970.19	4		10	
1/8	3,720.06	1/8	3,899.61	1/8	4,079.17	1/8	4,258.72	1/8	4,438.13	1/8	4,617.16	1/8	4,795.78	1/8	4,973.90	1/8		1/8	
1/4	3,723.80	1/4	3,903.35	1/4	4,082.91	1/4	4,262.46	1/4	4,441.86	1/4	4,620.89	1/4	4,799.49	1/4	4,977.61	1/4		1/4	
3/8	3,727.54	3/8	3,907.10	3/8	4,086.65	3/8	4,266.20	3/8	4,445.59	3/8	4,624.62	3/8	4,803.20	3/8	4,981.32	3/8		3/8	
1/2	3,731.28	1/2	3,910.84	1/2	4,090.39	1/2	4,269.94	1/2	4,449.32	1/2	4,628.35	1/2	4,806.91	1/2	4,985.04	1/2		1/2	
5/8	3,735.02	5/8	3,914.58	5/8	4,094.13	5/8	4,273.68	5/8	4,453.05	5/8	4,632.08	5/8	4,810.62	5/8	4,988.75	5/8		5/8	
3/4	3,738.76	3/4	3,918.32	3/4	4,097.87	3/4	4,277.42	3/4	4,456.78	3/4	4,635.81	3/4	4,814.33	3/4	4,992.46	3/4		3/4	
7/8	3,742.50	7/8	3,922.06	7/8	4,101.61	7/8	4,281.17	7/8	4,460.51	7/8	4,639.54	7/8	4,818.04	7/8	4,996.11	7/8		7/8	
5	3,746.25	11	3,925.80	5	4,105.35	11	4,284.91	5	4,464.24	11	4,643.27	5	4,821.75	11	4,999.75	5		11	
1/8	3,749.99	1/8	3,929.54	1/8	4,109.09	1/8	4,288.65	1/8	4,467.97	1/8	4,647.00	1/8	4,825.46	1/8	5,003.40	1/8		1/8	
1/4	3,753.73	1/4	3,933.28	1/4	4,112.83	1/4	4,292.39	1/4	4,471.70	1/4	4,650.73	1/4	4,829.17	1/4	5,007.04	1/4		1/4	
3/8	3,757.47	3/8	3,937.02	3/8	4,116.57	3/8	4,296.13	3/8	4,475.43	3/8	4,654.46	3/8	4,832.88	3/8	5,010.69	3/8		3/8	
1/2	3,761.21	1/2	3,940.76	1/2	4,120.32	1/2	4,299.87	1/2	4,479.16	1/2	4,658.19	1/2	4,836.59	1/2	5,014.33	1/2		1/2	
5/8	3,764.95	5/8	3,944.50	5/8	4,124.06	5/8	4,303.61	5/8	4,482.89	5/8	4,661.92	5/8	4,840.30	5/8	5,017.98	5/8		5/8	
3/4	3,768.69	3/4	3,948.24	3/4	4,127.80	3/4	4,307.35	3/4	4,486.62	3/4	4,665.65	3/4	4,844.01	3/4	5,021.62	3/4		3/4	
7/8	3,772.43	7/8	3,951.98	7/8	4,131.54	7/8	4,311.09	7/8	4,490.35	7/8	4,669.38	7/8	4,847.72	7/8	5,024.93	7/8		7/8	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/26/2012 CL
RECALCULATED: 07/05/2022 CL
PRINTED: 07/05/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2022

PRECISION MEASUREMENT
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BARGE "KIRBY 28738"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	25.47	6	191.26	0	367.47	6	544.88	0	719.09	6	895.40	0	1,068.45	6	1,243.98	0	1,422.52	6	1,601.07
1/8	28.04	1/8	194.88	1/8	371.19	1/8	548.50	1/8	722.82	1/8	899.00	1/8	1,072.06	1/8	1,247.70	1/8	1,426.24	1/8	1,604.79
1/4	30.60	1/4	198.50	1/4	374.91	1/4	552.12	1/4	726.54	1/4	902.61	1/4	1,075.66	1/4	1,251.42	1/4	1,429.96	1/4	1,608.51
3/8	33.16	3/8	202.13	3/8	378.63	3/8	555.75	3/8	730.26	3/8	906.21	3/8	1,079.27	3/8	1,255.13	3/8	1,433.68	3/8	1,612.23
1/2	35.72	1/2	205.75	1/2	382.35	1/2	559.37	1/2	733.98	1/2	909.82	1/2	1,082.88	1/2	1,258.85	1/2	1,437.40	1/2	1,615.95
5/8	38.29	5/8	209.37	5/8	386.07	5/8	562.99	5/8	737.70	5/8	913.42	5/8	1,086.49	5/8	1,262.57	5/8	1,441.12	5/8	1,619.67
3/4	40.85	3/4	212.99	3/4	389.79	3/4	566.61	3/4	741.42	3/4	917.03	3/4	1,090.10	3/4	1,266.29	3/4	1,444.84	3/4	1,623.39
7/8	44.23	7/8	216.61	7/8	393.51	7/8	570.23	7/8	745.15	7/8	920.63	7/8	1,093.71	7/8	1,270.01	7/8	1,448.56	7/8	1,627.10
1	47.61	7	220.23	1	397.23	7	573.85	1	748.87	7	924.24	1	1,097.32	7	1,273.73	1	1,452.28	7	1,630.82
1/8	50.98	1/8	223.85	1/8	400.96	1/8	577.47	1/8	752.59	1/8	927.84	1/8	1,100.93	1/8	1,277.45	1/8	1,456.00	1/8	1,634.54
1/4	54.36	1/4	227.47	1/4	404.68	1/4	581.09	1/4	756.31	1/4	931.45	1/4	1,104.54	1/4	1,281.17	1/4	1,459.72	1/4	1,638.26
3/8	57.74	3/8	231.09	3/8	408.40	3/8	584.71	3/8	760.03	3/8	935.05	3/8	1,108.15	3/8	1,284.89	3/8	1,463.44	3/8	1,641.98
1/2	61.12	1/2	234.71	1/2	412.12	1/2	588.33	1/2	763.75	1/2	938.66	1/2	1,111.76	1/2	1,288.61	1/2	1,467.16	1/2	1,645.70
5/8	64.50	5/8	238.34	5/8	415.84	5/8	591.96	5/8	767.48	5/8	942.26	5/8	1,115.37	5/8	1,292.33	5/8	1,470.88	5/8	1,649.42
3/4	67.88	3/4	241.96	3/4	419.56	3/4	595.58	3/4	771.20	3/4	945.87	3/4	1,118.98	3/4	1,296.05	3/4	1,474.60	3/4	1,653.14
7/8	71.60	7/8	245.58	7/8	423.28	7/8	599.20	7/8	774.92	7/8	949.47	7/8	1,122.59	7/8	1,299.77	7/8	1,478.32	7/8	1,656.86
2	75.33	8	249.20	2	427.00	8	602.82	2	778.64	8	953.08	2	1,126.21	8	1,303.49	2	1,482.04	8	1,660.58
1/8	78.96	1/8	252.82	1/8	430.72	1/8	606.44	1/8	782.36	1/8	956.68	1/8	1,129.82	1/8	1,307.21	1/8	1,485.76	1/8	1,664.30
1/4	82.58	1/4	256.44	1/4	434.45	1/4	610.06	1/4	786.09	1/4	960.29	1/4	1,133.44	1/4	1,310.93	1/4	1,489.48	1/4	1,668.02
3/8	86.21	3/8	260.06	3/8	438.17	3/8	613.68	3/8	789.81	3/8	963.89	3/8	1,137.05	3/8	1,314.65	3/8	1,493.20	3/8	1,671.74
1/2	89.83	1/2	263.68	1/2	441.89	1/2	617.30	1/2	793.53	1/2	967.50	1/2	1,140.67	1/2	1,318.37	1/2	1,496.92	1/2	1,675.46
5/8	93.46	5/8	267.30	5/8	445.61	5/8	620.92	5/8	797.25	5/8	971.10	5/8	1,144.28	5/8	1,322.09	5/8	1,500.63	5/8	1,679.18
3/4	97.09	3/4	270.92	3/4	449.33	3/4	624.54	3/4	800.97	3/4	974.71	3/4	1,147.89	3/4	1,325.81	3/4	1,504.35	3/4	1,682.90
7/8	100.71	7/8	274.54	7/8	453.05	7/8	628.17	7/8	804.67	7/8	978.31	7/8	1,151.54	7/8	1,329.53	7/8	1,508.07	7/8	1,686.62
3	104.33	9	278.16	3	456.77	9	631.79	3	808.36	9	981.92	3	1,155.18	9	1,333.25	3	1,511.79	9	1,690.34
1/8	107.96	1/8	281.88	1/8	460.49	1/8	635.41	1/8	812.05	1/8	985.52	1/8	1,158.82	1/8	1,336.97	1/8	1,515.51	1/8	1,694.06
1/4	111.58	1/4	285.60	1/4	464.21	1/4	639.03	1/4	815.74	1/4	989.13	1/4	1,162.46	1/4	1,340.69	1/4	1,519.23	1/4	1,697.78
3/8	115.21	3/8	289.32	3/8	467.94	3/8	642.65	3/8	819.43	3/8	992.73	3/8	1,166.10	3/8	1,344.41	3/8	1,522.95	3/8	1,701.50
1/2	118.83	1/2	293.04	1/2	471.66	1/2	646.27	1/2	823.13	1/2	996.34	1/2	1,169.74	1/2	1,348.13	1/2	1,526.67	1/2	1,705.22
5/8	122.45	5/8	296.76	5/8	475.38	5/8	649.89	5/8	826.82	5/8	999.94	5/8	1,173.38	5/8	1,351.85	5/8	1,530.39	5/8	1,708.94
3/4	126.08	3/4	300.49	3/4	479.10	3/4	653.51	3/4	830.51	3/4	1,003.55	3/4	1,177.02	3/4	1,355.57	3/4	1,534.11	3/4	1,712.66
7/8	129.70	7/8	304.21	7/8	482.82	7/8	657.13	7/8	834.12	7/8	1,007.15	7/8	1,180.74	7/8	1,359.29	7/8	1,537.83	7/8	1,716.38
4	133.32	10	307.93	4	486.54	10	660.75	4	837.72	10	1,010.76	4	1,184.46	10	1,363.01	4	1,541.55	10	1,720.10
1/8	136.94	1/8	311.65	1/8	490.27	1/8	664.38	1/8	841.33	1/8	1,014.36	1/8	1,188.18	1/8	1,366.73	1/8	1,545.27	1/8	1,723.82
1/4	140.56	1/4	315.37	1/4	493.99	1/4	668.00	1/4	844.93	1/4	1,017.97	1/4	1,191.90	1/4	1,370.45	1/4	1,548.99	1/4	1,727.54
3/8	144.19	3/8	319.09	3/8	497.71	3/8	671.62	3/8	848.54	3/8	1,021.57	3/8	1,195.62	3/8	1,374.17	3/8	1,552.71	3/8	1,731.26
1/2	147.81	1/2	322.81	1/2	501.43	1/2	675.24	1/2	852.14	1/2	1,025.18	1/2	1,199.34	1/2	1,377.88	1/2	1,556.43	1/2	1,734.98
5/8	151.43	5/8	326.53	5/8	505.05	5/8	678.86	5/8	855.75	5/8	1,028.78	5/8	1,203.06	5/8	1,381.60	5/8	1,560.15	5/8	1,738.70
3/4	155.05	3/4	330.25	3/4	508.67	3/4	682.48	3/4	859.35	3/4	1,032.39	3/4	1,206.78	3/4	1,385.32	3/4	1,563.87	3/4	1,742.42
7/8	158.67	7/8	333.98	7/8	512.29	7/8	686.10	7/8	862.96	7/8	1,035.99	7/8	1,210.50	7/8	1,389.04	7/8	1,567.59	7/8	1,746.14
5	162.29	11	337.70	5	515.91	11	689.72	5	866.56	11	1,039.60	5	1,214.22	11	1,392.76	5	1,571.31	11	1,749.85
1/8	165.91	1/8	341.42	1/8	519.54	1/8	693.34	1/8	870.17	1/8	1,043.20	1/8	1,217.94	1/8	1,396.48	1/8	1,575.03	1/8	1,753.57
1/4	169.54	1/4	345.14	1/4	523.16	1/4	696.96	1/4	873.77	1/4	1,046.81	1/4	1,221.66	1/4	1,400.20	1/4	1,578.75	1/4	1,757.29
3/8	173.16	3/8	348.86	3/8	526.78	3/8	700.59	3/8	877.38	3/8	1,050.41	3/8	1,225.38	3/8	1,403.92	3/8	1,582.47	3/8	1,761.01
1/2	176.78	1/2	352.58	1/2	530.40	1/2	704.21	1/2	880.98	1/2	1,054.02	1/2	1,229.10	1/2	1,407.64	1/2	1,586.19	1/2	1,764.73
5/8	180.40	5/8	356.30	5/8	534.02	5/8	707.93	5/8	884.58	5/8	1,057.62	5/8	1,232.82	5/8	1,411.36	5/8	1,589.91	5/8	1,768.45
3/4	184.02	3/4	360.02	3/4	537.64	3/4	711.65	3/4	888.19	3/4	1,061.23	3/4	1,236.54	3/4	1,415.08	3/4	1,593.63	3/4	1,772.17
7/8	187.64	7/8	363.74	7/8	541.26	7/8	715.37	7/8	891.79	7/8	1,064.84	7/8	1,240.26	7/8	1,418.80	7/8	1,597.35	7/8	1,775.89

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-06" 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 28738"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,779.61	6	1,957.52	0	2,134.56	6	2,311.84	0	2,489.54	6	2,668.01	0	2,846.38	6	3,024.72	0	3,203.02	6	3,380.95
1/8	1,783.33	1/8	1,961.21	1/8	2,138.25	1/8	2,315.54	1/8	2,493.26	1/8	2,671.72	1/8	2,850.09	1/8	3,028.43	1/8	3,206.74	1/8	3,384.66
1/4	1,787.05	1/4	1,964.90	1/4	2,141.93	1/4	2,319.24	1/4	2,496.98	1/4	2,675.44	1/4	2,853.81	1/4	3,032.15	1/4	3,210.45	1/4	3,388.36
3/8	1,790.77	3/8	1,968.59	3/8	2,145.62	3/8	2,322.94	3/8	2,500.70	3/8	2,679.16	3/8	2,857.52	3/8	3,035.86	3/8	3,214.17	3/8	3,392.07
1/2	1,794.49	1/2	1,972.28	1/2	2,149.31	1/2	2,326.64	1/2	2,504.42	1/2	2,682.87	1/2	2,861.24	1/2	3,039.58	1/2	3,217.88	1/2	3,395.77
5/8	1,798.21	5/8	1,975.97	5/8	2,153.00	5/8	2,330.34	5/8	2,508.14	5/8	2,686.59	5/8	2,864.96	5/8	3,043.29	5/8	3,221.60	5/8	3,399.47
3/4	1,801.93	3/4	1,979.65	3/4	2,156.69	3/4	2,334.04	3/4	2,511.86	3/4	2,690.30	3/4	2,868.67	3/4	3,047.01	3/4	3,225.31	3/4	3,403.18
7/8	1,805.65	7/8	1,983.34	7/8	2,160.38	7/8	2,337.74	7/8	2,515.58	7/8	2,694.02	7/8	2,872.39	7/8	3,050.72	7/8	3,229.02	7/8	3,406.88
1	1,809.37	7	1,987.03	1	2,164.06	7	2,341.44	1	2,519.30	7	2,697.74	1	2,876.10	7	3,054.44	1	3,232.74	7	3,410.59
1/8	1,813.09	1/8	1,990.72	1/8	2,167.75	1/8	2,345.14	1/8	2,523.02	1/8	2,701.45	1/8	2,879.82	1/8	3,058.15	1/8	3,236.45	1/8	3,414.29
1/4	1,816.81	1/4	1,994.41	1/4	2,171.44	1/4	2,348.84	1/4	2,526.73	1/4	2,705.17	1/4	2,883.54	1/4	3,061.87	1/4	3,240.16	1/4	3,418.00
3/8	1,820.53	3/8	1,998.09	3/8	2,175.13	3/8	2,352.54	3/8	2,530.45	3/8	2,708.88	3/8	2,887.25	3/8	3,065.58	3/8	3,243.87	3/8	3,421.70
1/2	1,824.25	1/2	2,001.78	1/2	2,178.82	1/2	2,356.25	1/2	2,534.17	1/2	2,712.60	1/2	2,890.97	1/2	3,069.29	1/2	3,247.58	1/2	3,425.40
5/8	1,827.97	5/8	2,005.47	5/8	2,182.50	5/8	2,359.95	5/8	2,537.89	5/8	2,716.32	5/8	2,894.68	5/8	3,073.01	5/8	3,251.29	5/8	3,429.11
3/4	1,831.69	3/4	2,009.16	3/4	2,186.19	3/4	2,363.65	3/4	2,541.61	3/4	2,720.03	3/4	2,898.40	3/4	3,076.72	3/4	3,255.01	3/4	3,432.81
7/8	1,835.41	7/8	2,012.85	7/8	2,189.88	7/8	2,367.35	7/8	2,545.33	7/8	2,723.75	7/8	2,902.12	7/8	3,080.44	7/8	3,258.71	7/8	3,436.52
2	1,839.13	8	2,016.54	2	2,193.57	8	2,371.05	2	2,549.05	8	2,727.46	2	2,905.83	8	3,084.15	2	3,262.42	8	3,440.22
1/8	1,842.85	1/8	2,020.22	1/8	2,197.26	1/8	2,374.75	1/8	2,552.77	1/8	2,731.18	1/8	2,909.55	1/8	3,087.87	1/8	3,266.12	1/8	3,443.93
1/4	1,846.57	1/4	2,023.91	1/4	2,200.95	1/4	2,378.45	1/4	2,556.49	1/4	2,734.90	1/4	2,913.26	1/4	3,091.58	1/4	3,269.82	1/4	3,447.63
3/8	1,850.29	3/8	2,027.60	3/8	2,204.63	3/8	2,382.15	3/8	2,560.21	3/8	2,738.61	3/8	2,916.98	3/8	3,095.30	3/8	3,273.53	3/8	3,451.33
1/2	1,854.01	1/2	2,031.29	1/2	2,208.32	1/2	2,385.85	1/2	2,563.93	1/2	2,742.33	1/2	2,920.70	1/2	3,099.01	1/2	3,277.23	1/2	3,455.04
5/8	1,857.73	5/8	2,034.98	5/8	2,212.01	5/8	2,389.55	5/8	2,567.65	5/8	2,746.04	5/8	2,924.41	5/8	3,102.73	5/8	3,280.94	5/8	3,458.74
3/4	1,861.45	3/4	2,038.67	3/4	2,215.70	3/4	2,393.25	3/4	2,571.37	3/4	2,749.76	3/4	2,928.13	3/4	3,106.44	3/4	3,284.64	3/4	3,462.45
7/8	1,865.16	7/8	2,042.35	7/8	2,219.39	7/8	2,396.95	7/8	2,575.09	7/8	2,753.48	7/8	2,931.84	7/8	3,110.16	7/8	3,288.35	7/8	3,466.15
3	1,868.87	9	2,046.04	3	2,223.08	9	2,400.65	3	2,578.81	9	2,757.19	3	2,935.56	9	3,113.87	3	3,292.05	9	3,469.86
1/8	1,872.58	1/8	2,049.73	1/8	2,226.77	1/8	2,404.35	1/8	2,582.53	1/8	2,760.91	1/8	2,939.28	1/8	3,117.59	1/8	3,295.75	1/8	3,473.56
1/4	1,876.29	1/4	2,053.42	1/4	2,230.47	1/4	2,408.05	1/4	2,586.25	1/4	2,764.62	1/4	2,942.99	1/4	3,121.30	1/4	3,299.46	1/4	3,477.27
3/8	1,880.00	3/8	2,057.11	3/8	2,234.16	3/8	2,411.75	3/8	2,589.96	3/8	2,768.34	3/8	2,946.71	3/8	3,125.02	3/8	3,303.16	3/8	3,480.98
1/2	1,883.71	1/2	2,060.79	1/2	2,237.85	1/2	2,415.45	1/2	2,593.68	1/2	2,772.06	1/2	2,950.42	1/2	3,128.73	1/2	3,306.87	1/2	3,484.68
5/8	1,887.43	5/8	2,064.48	5/8	2,241.54	5/8	2,419.15	5/8	2,597.40	5/8	2,775.77	5/8	2,954.14	5/8	3,132.44	5/8	3,310.57	5/8	3,488.39
3/4	1,891.14	3/4	2,068.17	3/4	2,245.23	3/4	2,422.85	3/4	2,601.12	3/4	2,779.49	3/4	2,957.85	3/4	3,136.16	3/4	3,314.28	3/4	3,492.09
7/8	1,894.83	7/8	2,071.86	7/8	2,248.93	7/8	2,426.55	7/8	2,604.84	7/8	2,783.20	7/8	2,961.57	7/8	3,139.87	7/8	3,317.98	7/8	3,495.80
4	1,898.51	10	2,075.55	4	2,252.63	10	2,430.25	4	2,608.55	10	2,786.92	4	2,965.28	10	3,143.59	4	3,321.68	10	3,499.51
1/8	1,902.20	1/8	2,079.24	1/8	2,256.33	1/8	2,433.95	1/8	2,612.27	1/8	2,790.64	1/8	2,969.00	1/8	3,147.30	1/8	3,325.39	1/8	3,503.22
1/4	1,905.89	1/4	2,082.92	1/4	2,260.03	1/4	2,437.65	1/4	2,615.98	1/4	2,794.35	1/4	2,972.71	1/4	3,151.02	1/4	3,329.09	1/4	3,506.93
3/8	1,909.58	3/8	2,086.61	3/8	2,263.74	3/8	2,441.35	3/8	2,619.70	3/8	2,798.07	3/8	2,976.43	3/8	3,154.73	3/8	3,332.80	3/8	3,510.64
1/2	1,913.27	1/2	2,090.30	1/2	2,267.44	1/2	2,445.05	1/2	2,623.42	1/2	2,801.78	1/2	2,980.14	1/2	3,158.45	1/2	3,336.50	1/2	3,514.35
5/8	1,916.95	5/8	2,093.99	5/8	2,271.14	5/8	2,448.76	5/8	2,627.13	5/8	2,805.50	5/8	2,983.86	5/8	3,162.16	5/8	3,340.21	5/8	3,518.06
3/4	1,920.64	3/4	2,097.68	3/4	2,274.84	3/4	2,452.46	3/4	2,630.85	3/4	2,809.22	3/4	2,987.57	3/4	3,165.88	3/4	3,343.91	3/4	3,521.77
7/8	1,924.33	7/8	2,101.36	7/8	2,278.54	7/8	2,456.16	7/8	2,634.56	7/8	2,812.93	7/8	2,991.29	7/8	3,169.59	7/8	3,347.61	7/8	3,525.49
5	1,928.02	11	2,105.05	5	2,282.24	11	2,459.87	5	2,638.28	11	2,816.65	5	2,995.00	11	3,173.31	5	3,351.32	11	3,529.20
1/8	1,931.71	1/8	2,108.74	1/8	2,285.94	1/8	2,463.57	1/8	2,642.00	1/8	2,820.36	1/8	2,998.72	1/8	3,177.02	1/8	3,355.02	1/8	3,532.92
1/4	1,935.40	1/4	2,112.43	1/4	2,289.64	1/4	2,467.28	1/4	2,645.71	1/4	2,824.08	1/4	3,002.43	1/4	3,180.74	1/4	3,358.73	1/4	3,536.63
3/8	1,939.08	3/8	2,116.12	3/8	2,293.34	3/8	2,470.98	3/8	2,649.43	3/8	2,827.80	3/8	3,006.14	3/8	3,184.45	3/8	3,362.43	3/8	3,540.34
1/2	1,942.77	1/2	2,119.81	1/2	2,297.04	1/2	2,474.69	1/2	2,653.14	1/2	2,831.51	1/2	3,009.86	1/2	3,188.17	1/2	3,366.14	1/2	3,544.06
5/8	1,946.46	5/8	2,123.49	5/8	2,300.74	5/8	2,478.39	5/8	2,656.86	5/8	2,835.23	5/8	3,013.57	5/8	3,191.88	5/8	3,369.84	5/8	3,547.77
3/4	1,950.15	3/4	2,127.18	3/4	2,304.44	3/4	2,482.10	3/4	2,660.58	3/4	2,838.94	3/4	3,017.29	3/4	3,195.59	3/4	3,373.54	3/4	3,551.49
7/8	1,953.84	7/8	2,130.87	7/8	2,308.14	7/8	2,485.82	7/8	2,664.29	7/8	2,842.66	7/8	3,021.00	7/8	3,199.31	7/8	3,377.25	7/8	3,555.63

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BARGE "KIRBY 28738"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,557.78	6	3,636.38	0	3,704.61	6	3,772.85	0	3,841.08	6	3,909.11	0	3,977.00	6	4,044.39	0	4,110.34	6	
1/8	3,560.93	1/8	3,637.80	1/8	3,706.04	1/8	3,774.27	1/8	3,842.50	1/8	3,910.53	1/8	3,978.41	1/8	4,045.79	1/8	4,111.34	1/8	
1/4	3,564.08	1/4	3,639.22	1/4	3,707.46	1/4	3,775.69	1/4	3,843.92	1/4	3,911.94	1/4	3,979.83	1/4	4,047.19	1/4	4,112.34	1/4	
3/8	3,567.23	3/8	3,640.65	3/8	3,708.88	3/8	3,777.11	3/8	3,845.34	3/8	3,913.35	3/8	3,981.24	3/8	4,048.59	3/8	4,113.34	3/8	
1/2	3,570.38	1/2	3,642.07	1/2	3,710.30	1/2	3,778.53	1/2	3,846.76	1/2	3,914.77	1/2	3,982.66	1/2	4,049.99	1/2	4,114.35	1/2	
5/8	3,573.53	5/8	3,643.49	5/8	3,711.72	5/8	3,779.95	5/8	3,848.19	5/8	3,916.18	5/8	3,984.07	5/8	4,051.39	5/8	4,115.35	5/8	
3/4	3,576.68	3/4	3,644.91	3/4	3,713.14	3/4	3,781.37	3/4	3,849.61	3/4	3,917.60	3/4	3,985.48	3/4	4,052.79	3/4	4,116.35	3/4	
7/8	3,578.10	7/8	3,646.33	7/8	3,714.56	7/8	3,782.80	7/8	3,851.03	7/8	3,919.01	7/8	3,986.89	7/8	4,054.20	7/8	4,116.82	7/8	
1	3,579.52	7	3,647.75	1	3,715.99	7	3,784.22	1	3,852.45	7	3,920.43	1	3,988.31	7	4,055.60	1	4,117.29	7	
1/8	3,580.94	1/8	3,649.18	1/8	3,717.41	1/8	3,785.64	1/8	3,853.87	1/8	3,921.84	1/8	3,989.72	1/8	4,057.00	1/8	4,117.76	1/8	
1/4	3,582.36	1/4	3,650.60	1/4	3,718.83	1/4	3,787.06	1/4	3,855.29	1/4	3,923.26	1/4	3,991.13	1/4	4,058.40	1/4	4,118.23	1/4	
3/8	3,583.79	3/8	3,652.02	3/8	3,720.25	3/8	3,788.48	3/8	3,856.71	3/8	3,924.67	3/8	3,992.54	3/8	4,059.80	3/8	4,118.70	3/8	
1/2	3,585.21	1/2	3,653.44	1/2	3,721.67	1/2	3,789.90	1/2	3,858.14	1/2	3,926.08	1/2	3,993.95	1/2	4,061.20	1/2	4,119.17	1/2	
5/8	3,586.63	5/8	3,654.86	5/8	3,723.09	5/8	3,791.33	5/8	3,859.56	5/8	3,927.50	5/8	3,995.36	5/8	4,062.60	5/8	4,119.64	5/8	
3/4	3,588.05	3/4	3,656.28	3/4	3,724.51	3/4	3,792.75	3/4	3,860.98	3/4	3,928.91	3/4	3,996.77	3/4	4,064.00	3/4	4,120.11	3/4	
7/8	3,589.47	7/8	3,657.70	7/8	3,725.94	7/8	3,794.17	7/8	3,862.40	7/8	3,930.33	7/8	3,998.17	7/8	4,065.40	7/8	4,120.17	7/8	
2	3,590.89	8	3,659.13	2	3,727.36	8	3,795.59	2	3,863.82	8	3,931.74	2	3,999.57	8	4,066.81	2	4,120.24	8	
1/8	3,592.32	1/8	3,660.55	1/8	3,728.78	1/8	3,797.01	1/8	3,865.24	1/8	3,933.16	1/8	4,000.97	1/8	4,068.21	1/8	4,120.30	1/8	
1/4	3,593.74	1/4	3,661.97	1/4	3,730.20	1/4	3,798.43	1/4	3,866.66	1/4	3,934.57	1/4	4,002.37	1/4	4,069.61	1/4	4,120.36	1/4	
3/8	3,595.16	3/8	3,663.39	3/8	3,731.62	3/8	3,799.85	3/8	3,868.08	3/8	3,935.98	3/8	4,003.77	3/8	4,071.01	3/8	4,120.42	3/8	
1/2	3,596.58	1/2	3,664.81	1/2	3,733.04	1/2	3,801.28	1/2	3,869.50	1/2	3,937.40	1/2	4,005.17	1/2	4,072.41	1/2	4,120.49	1/2	
5/8	3,598.00	5/8	3,666.23	5/8	3,734.47	5/8	3,802.70	5/8	3,870.92	5/8	3,938.81	5/8	4,006.57	5/8	4,073.82	5/8		5/8	
3/4	3,599.42	3/4	3,667.65	3/4	3,735.89	3/4	3,804.12	3/4	3,872.34	3/4	3,940.23	3/4	4,007.98	3/4	4,075.22	3/4		3/4	
7/8	3,600.84	7/8	3,669.08	7/8	3,737.31	7/8	3,805.54	7/8	3,873.75	7/8	3,941.64	7/8	4,009.38	7/8	4,076.62	7/8		7/8	
3	3,602.27	9	3,670.50	3	3,738.73	9	3,806.96	3	3,875.17	9	3,943.06	3	4,010.78	9	4,078.02	3		9	
1/8	3,603.69	1/8	3,671.92	1/8	3,740.15	1/8	3,808.38	1/8	3,876.58	1/8	3,944.47	1/8	4,012.18	1/8	4,079.42	1/8		1/8	
1/4	3,605.11	1/4	3,673.34	1/4	3,741.57	1/4	3,809.80	1/4	3,878.00	1/4	3,945.88	1/4	4,013.58	1/4	4,080.83	1/4		1/4	
3/8	3,606.53	3/8	3,674.76	3/8	3,742.99	3/8	3,811.23	3/8	3,879.41	3/8	3,947.30	3/8	4,014.98	3/8	4,082.23	3/8		3/8	
1/2	3,607.95	1/2	3,676.18	1/2	3,744.42	1/2	3,812.65	1/2	3,880.83	1/2	3,948.71	1/2	4,016.38	1/2	4,083.63	1/2		1/2	
5/8	3,609.37	5/8	3,677.61	5/8	3,745.84	5/8	3,814.07	5/8	3,882.24	5/8	3,950.13	5/8	4,017.78	5/8	4,085.03	5/8		5/8	
3/4	3,610.79	3/4	3,679.03	3/4	3,747.26	3/4	3,815.49	3/4	3,883.65	3/4	3,951.54	3/4	4,019.18	3/4	4,086.43	3/4		3/4	
7/8	3,612.22	7/8	3,680.45	7/8	3,748.68	7/8	3,816.91	7/8	3,885.07	7/8	3,952.96	7/8	4,020.58	7/8	4,087.84	7/8		7/8	
4	3,613.64	10	3,681.87	4	3,750.10	10	3,818.33	4	3,886.48	10	3,954.37	4	4,021.98	10	4,089.24	4		10	
1/8	3,615.06	1/8	3,683.29	1/8	3,751.52	1/8	3,819.76	1/8	3,887.90	1/8	3,955.78	1/8	4,023.38	1/8	4,090.64	1/8		1/8	
1/4	3,616.48	1/4	3,684.71	1/4	3,752.94	1/4	3,821.18	1/4	3,889.31	1/4	3,957.20	1/4	4,024.78	1/4	4,092.04	1/4		1/4	
3/8	3,617.90	3/8	3,686.13	3/8	3,754.37	3/8	3,822.60	3/8	3,890.73	3/8	3,958.61	3/8	4,026.18	3/8	4,093.44	3/8		3/8	
1/2	3,619.32	1/2	3,687.56	1/2	3,755.79	1/2	3,824.02	1/2	3,892.14	1/2	3,960.03	1/2	4,027.58	1/2	4,094.85	1/2		1/2	
5/8	3,620.75	5/8	3,688.98	5/8	3,757.21	5/8	3,825.44	5/8	3,893.55	5/8	3,961.44	5/8	4,028.98	5/8	4,096.25	5/8		5/8	
3/4	3,622.17	3/4	3,690.40	3/4	3,758.63	3/4	3,826.86	3/4	3,894.97	3/4	3,962.86	3/4	4,030.38	3/4	4,097.65	3/4		3/4	
7/8	3,623.59	7/8	3,691.82	7/8	3,760.05	7/8	3,828.28	7/8	3,896.38	7/8	3,964.27	7/8	4,031.79	7/8	4,098.98	7/8		7/8	
5	3,625.01	11	3,693.24	5	3,761.47	11	3,829.71	5	3,897.80	11	3,965.68	5	4,033.19	11	4,100.32	5		11	
1/8	3,626.43	1/8	3,694.66	1/8	3,762.90	1/8	3,831.13	1/8	3,899.21	1/8	3,967.10	1/8	4,034.59	1/8	4,101.66	1/8		1/8	
1/4	3,627.85	1/4	3,696.08	1/4	3,764.32	1/4	3,832.55	1/4	3,900.63	1/4	3,968.51	1/4	4,035.99	1/4	4,102.99	1/4		1/4	
3/8	3,629.27	3/8	3,697.51	3/8	3,765.74	3/8	3,833.97	3/8	3,902.04	3/8	3,969.93	3/8	4,037.39	3/8	4,104.33	3/8		3/8	
1/2	3,630.70	1/2	3,698.93	1/2	3,767.16	1/2	3,835.39	1/2	3,903.45	1/2	3,971.34	1/2	4,038.79	1/2	4,105.66	1/2		1/2	
5/8	3,632.12	5/8	3,700.35	5/8	3,768.58	5/8	3,836.81	5/8	3,904.87	5/8	3,972.76	5/8	4,040.19	5/8	4,107.00	5/8		5/8	
3/4	3,633.54	3/4	3,701.77	3/4	3,770.00	3/4	3,838.23	3/4	3,906.28	3/4	3,974.17	3/4	4,041.59	3/4	4,108.33	3/4		3/4	
7/8	3,634.96	7/8	3,703.19	7/8	3,771.42	7/8	3,839.66	7/8	3,907.70	7/8	3,975.58	7/8	4,042.99	7/8	4,109.33	7/8		7/8	

STRAPPED: 09/26/2012 CL
RECALCULATED: 07/05/2022 CL
PRINTED: 07/05/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2022

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 28738"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	25.47	6	191.39	0	367.90	6	545.62	0	720.11	6	898.89	0	1,077.47	6	1,256.35	0	1,435.28	6	1,614.21
1/8	28.04	1/8	195.02	1/8	371.63	1/8	549.24	1/8	723.84	1/8	902.61	1/8	1,081.19	1/8	1,260.08	1/8	1,439.01	1/8	1,617.94
1/4	30.60	1/4	198.65	1/4	375.35	1/4	552.87	1/4	727.57	1/4	906.33	1/4	1,084.92	1/4	1,263.81	1/4	1,442.74	1/4	1,621.67
3/8	33.16	3/8	202.27	3/8	379.08	3/8	556.50	3/8	731.29	3/8	910.05	3/8	1,088.64	3/8	1,267.53	3/8	1,446.46	3/8	1,625.39
1/2	35.72	1/2	205.90	1/2	382.81	1/2	560.12	1/2	735.02	1/2	913.77	1/2	1,092.36	1/2	1,271.26	1/2	1,450.19	1/2	1,629.12
5/8	38.29	5/8	209.53	5/8	386.54	5/8	563.75	5/8	738.75	5/8	917.49	5/8	1,096.09	5/8	1,274.99	5/8	1,453.92	5/8	1,632.85
3/4	40.85	3/4	213.15	3/4	390.26	3/4	567.38	3/4	742.48	3/4	921.21	3/4	1,099.81	3/4	1,278.72	3/4	1,457.65	3/4	1,636.58
7/8	44.23	7/8	216.78	7/8	393.99	7/8	571.00	7/8	746.20	7/8	924.93	7/8	1,103.54	7/8	1,282.44	7/8	1,461.37	7/8	1,640.30
1	47.61	7	220.41	1	397.72	7	574.63	1	749.93	7	928.65	1	1,107.26	7	1,286.17	1	1,465.10	7	1,644.03
1/8	50.98	1/8	224.03	1/8	401.45	1/8	578.26	1/8	753.66	1/8	932.37	1/8	1,110.99	1/8	1,289.90	1/8	1,468.83	1/8	1,647.76
1/4	54.36	1/4	227.66	1/4	405.18	1/4	581.88	1/4	757.39	1/4	936.09	1/4	1,114.71	1/4	1,293.63	1/4	1,472.56	1/4	1,651.49
3/8	57.74	3/8	231.29	3/8	408.90	3/8	585.51	3/8	761.11	3/8	939.81	3/8	1,118.43	3/8	1,297.36	3/8	1,476.29	3/8	1,655.21
1/2	61.12	1/2	234.91	1/2	412.63	1/2	589.14	1/2	764.84	1/2	943.53	1/2	1,122.16	1/2	1,301.08	1/2	1,480.01	1/2	1,658.94
5/8	64.50	5/8	238.54	5/8	416.36	5/8	592.77	5/8	768.57	5/8	947.25	5/8	1,125.88	5/8	1,304.81	5/8	1,483.74	5/8	1,662.67
3/4	67.88	3/4	242.17	3/4	420.09	3/4	596.39	3/4	772.30	3/4	950.97	3/4	1,129.61	3/4	1,308.54	3/4	1,487.47	3/4	1,666.40
7/8	71.60	7/8	245.79	7/8	423.81	7/8	600.02	7/8	776.03	7/8	954.69	7/8	1,133.34	7/8	1,312.27	7/8	1,491.20	7/8	1,670.13
2	75.33	8	249.42	2	427.54	8	603.65	2	779.75	8	958.41	2	1,137.06	8	1,315.99	2	1,494.92	8	1,673.85
1/8	78.96	1/8	253.05	1/8	431.27	1/8	607.27	1/8	783.48	1/8	962.13	1/8	1,140.79	1/8	1,319.72	1/8	1,498.65	1/8	1,677.58
1/4	82.58	1/4	256.68	1/4	435.00	1/4	610.90	1/4	787.21	1/4	965.85	1/4	1,144.52	1/4	1,323.45	1/4	1,502.38	1/4	1,681.31
3/8	86.21	3/8	260.30	3/8	438.72	3/8	614.53	3/8	790.94	3/8	969.57	3/8	1,148.25	3/8	1,327.18	3/8	1,506.11	3/8	1,685.04
1/2	89.84	1/2	263.93	1/2	442.45	1/2	618.15	1/2	794.66	1/2	973.29	1/2	1,151.98	1/2	1,330.90	1/2	1,509.83	1/2	1,688.76
5/8	93.47	5/8	267.56	5/8	446.18	5/8	621.78	5/8	798.39	5/8	977.01	5/8	1,155.70	5/8	1,334.63	5/8	1,513.56	5/8	1,692.49
3/4	97.09	3/4	271.18	3/4	449.91	3/4	625.41	3/4	802.12	3/4	980.73	3/4	1,159.43	3/4	1,338.36	3/4	1,517.29	3/4	1,696.22
7/8	100.72	7/8	274.81	7/8	453.63	7/8	629.03	7/8	805.85	7/8	984.45	7/8	1,163.16	7/8	1,342.09	7/8	1,521.02	7/8	1,699.95
3	104.35	9	278.44	3	457.36	9	632.66	3	809.57	9	988.17	3	1,166.89	9	1,345.82	3	1,524.75	9	1,703.67
1/8	107.97	1/8	282.16	1/8	461.09	1/8	636.29	1/8	813.30	1/8	991.89	1/8	1,170.61	1/8	1,349.54	1/8	1,528.47	1/8	1,707.40
1/4	111.60	1/4	285.89	1/4	464.82	1/4	639.92	1/4	817.02	1/4	995.61	1/4	1,174.34	1/4	1,353.27	1/4	1,532.20	1/4	1,711.13
3/8	115.23	3/8	289.62	3/8	468.54	3/8	643.54	3/8	820.75	3/8	999.33	3/8	1,178.07	3/8	1,357.00	3/8	1,535.93	3/8	1,714.86
1/2	118.85	1/2	293.35	1/2	472.27	1/2	647.17	1/2	824.47	1/2	1,003.05	1/2	1,181.80	1/2	1,360.73	1/2	1,539.66	1/2	1,718.59
5/8	122.48	5/8	297.07	5/8	476.00	5/8	650.80	5/8	828.20	5/8	1,006.77	5/8	1,185.52	5/8	1,364.45	5/8	1,543.38	5/8	1,722.31
3/4	126.11	3/4	300.80	3/4	479.73	3/4	654.42	3/4	831.93	3/4	1,010.49	3/4	1,189.25	3/4	1,368.18	3/4	1,547.11	3/4	1,726.04
7/8	129.73	7/8	304.53	7/8	483.45	7/8	658.05	7/8	835.65	7/8	1,014.21	7/8	1,192.98	7/8	1,371.91	7/8	1,550.84	7/8	1,729.77
4	133.36	10	308.26	4	487.18	10	661.68	4	839.37	10	1,017.93	4	1,196.71	10	1,375.64	4	1,554.57	10	1,733.50
1/8	136.99	1/8	311.99	1/8	490.91	1/8	665.30	1/8	843.09	1/8	1,021.65	1/8	1,200.44	1/8	1,379.36	1/8	1,558.29	1/8	1,737.22
1/4	140.61	1/4	315.71	1/4	494.64	1/4	668.93	1/4	846.81	1/4	1,025.37	1/4	1,204.16	1/4	1,383.09	1/4	1,562.02	1/4	1,740.95
3/8	144.24	3/8	319.44	3/8	498.37	3/8	672.56	3/8	850.53	3/8	1,029.09	3/8	1,207.89	3/8	1,386.82	3/8	1,565.75	3/8	1,744.68
1/2	147.87	1/2	323.17	1/2	502.09	1/2	676.18	1/2	854.25	1/2	1,032.81	1/2	1,211.62	1/2	1,390.55	1/2	1,569.48	1/2	1,748.41
5/8	151.50	5/8	326.90	5/8	505.72	5/8	679.81	5/8	857.97	5/8	1,036.53	5/8	1,215.35	5/8	1,394.28	5/8	1,573.21	5/8	1,752.13
3/4	155.12	3/4	330.62	3/4	509.35	3/4	683.44	3/4	861.69	3/4	1,040.25	3/4	1,219.07	3/4	1,398.00	3/4	1,576.93	3/4	1,755.86
7/8	158.75	7/8	334.35	7/8	512.97	7/8	687.06	7/8	865.41	7/8	1,043.97	7/8	1,222.80	7/8	1,401.73	7/8	1,580.66	7/8	1,759.59
5	162.38	11	338.08	5	516.60	11	690.69	5	869.13	11	1,047.69	5	1,226.53	11	1,405.46	5	1,584.39	11	1,763.32
1/8	166.00	1/8	341.81	1/8	520.23	1/8	694.32	1/8	872.85	1/8	1,051.41	1/8	1,230.26	1/8	1,409.19	1/8	1,588.12	1/8	1,767.05
1/4	169.63	1/4	345.53	1/4	523.85	1/4	697.95	1/4	876.57	1/4	1,055.14	1/4	1,233.98	1/4	1,412.91	1/4	1,591.84	1/4	1,770.77
3/8	173.26	3/8	349.26	3/8	527.48	3/8	701.57	3/8	880.29	3/8	1,058.86	3/8	1,237.71	3/8	1,416.64	3/8	1,595.57	3/8	1,774.50
1/2	176.88	1/2	352.99	1/2	531.11	1/2	705.20	1/2	884.01	1/2	1,062.58	1/2	1,241.44	1/2	1,420.37	1/2	1,599.30	1/2	1,778.23
5/8	180.51	5/8	356.72	5/8	534.74	5/8	708.93	5/8	887.73	5/8	1,066.30	5/8	1,245.17	5/8	1,424.10	5/8	1,603.03	5/8	1,781.96
3/4	184.14	3/4	360.44	3/4	538.36	3/4	712.65	3/4	891.45	3/4	1,070.02	3/4	1,248.90	3/4	1,427.83	3/4	1,606.75	3/4	1,785.68
7/8	187.76	7/8	364.17	7/8	541.99	7/8	716.38	7/8	895.17	7/8	1,073.74	7/8	1,252.62	7/8	1,431.55	7/8	1,610.48	7/8	1,789.41

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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Pearland, Texas 77588

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BARGE "KIRBY 28738"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,793.14	6	1,972.07	0	2,151.00	6	2,329.93	0	2,508.86	6	2,687.74	0	2,866.50	6	3,045.23	0	3,223.93	6	3,402.25
1/8	1,796.87	1/8	1,975.80	1/8	2,154.73	1/8	2,333.66	1/8	2,512.59	1/8	2,691.46	1/8	2,870.22	1/8	3,048.95	1/8	3,227.65	1/8	3,405.96
1/4	1,800.60	1/4	1,979.52	1/4	2,158.45	1/4	2,337.38	1/4	2,516.31	1/4	2,695.19	1/4	2,873.95	1/4	3,052.68	1/4	3,231.37	1/4	3,409.67
3/8	1,804.32	3/8	1,983.25	3/8	2,162.18	3/8	2,341.11	3/8	2,520.04	3/8	2,698.91	3/8	2,877.67	3/8	3,056.40	3/8	3,235.09	3/8	3,413.39
1/2	1,808.05	1/2	1,986.98	1/2	2,165.91	1/2	2,344.84	1/2	2,523.77	1/2	2,702.64	1/2	2,881.39	1/2	3,060.12	1/2	3,238.82	1/2	3,417.10
5/8	1,811.78	5/8	1,990.71	5/8	2,169.64	5/8	2,348.57	5/8	2,527.50	5/8	2,706.36	5/8	2,885.12	5/8	3,063.85	5/8	3,242.54	5/8	3,420.81
3/4	1,815.51	3/4	1,994.44	3/4	2,173.37	3/4	2,352.29	3/4	2,531.22	3/4	2,710.09	3/4	2,888.84	3/4	3,067.57	3/4	3,246.26	3/4	3,424.52
7/8	1,819.23	7/8	1,998.16	7/8	2,177.09	7/8	2,356.02	7/8	2,534.95	7/8	2,713.81	7/8	2,892.57	7/8	3,071.29	7/8	3,249.98	7/8	3,428.24
1	1,822.96	7	2,001.89	1	2,180.82	7	2,359.75	1	2,538.68	7	2,717.53	1	2,896.29	7	3,075.01	1	3,253.70	7	3,431.95
1/8	1,826.69	1/8	2,005.62	1/8	2,184.55	1/8	2,363.48	1/8	2,542.41	1/8	2,721.26	1/8	2,900.01	1/8	3,078.74	1/8	3,257.42	1/8	3,435.66
1/4	1,830.42	1/4	2,009.35	1/4	2,188.28	1/4	2,367.21	1/4	2,546.14	1/4	2,724.98	1/4	2,903.74	1/4	3,082.46	1/4	3,261.14	1/4	3,439.37
3/8	1,834.14	3/8	2,013.07	3/8	2,192.00	3/8	2,370.93	3/8	2,549.86	3/8	2,728.71	3/8	2,907.46	3/8	3,086.18	3/8	3,264.86	3/8	3,443.09
1/2	1,837.87	1/2	2,016.80	1/2	2,195.73	1/2	2,374.66	1/2	2,553.59	1/2	2,732.43	1/2	2,911.19	1/2	3,089.91	1/2	3,268.58	1/2	3,446.80
5/8	1,841.60	5/8	2,020.53	5/8	2,199.46	5/8	2,378.39	5/8	2,557.32	5/8	2,736.15	5/8	2,914.91	5/8	3,093.63	5/8	3,272.30	5/8	3,450.51
3/4	1,845.33	3/4	2,024.26	3/4	2,203.19	3/4	2,382.12	3/4	2,561.05	3/4	2,739.88	3/4	2,918.63	3/4	3,097.35	3/4	3,276.02	3/4	3,454.22
7/8	1,849.06	7/8	2,027.98	7/8	2,206.91	7/8	2,385.84	7/8	2,564.77	7/8	2,743.60	7/8	2,922.36	7/8	3,101.07	7/8	3,279.74	7/8	3,457.94
2	1,852.78	8	2,031.71	2	2,210.64	8	2,389.57	2	2,568.50	8	2,747.33	2	2,926.08	8	3,104.80	2	3,283.45	8	3,461.65
1/8	1,856.51	1/8	2,035.44	1/8	2,214.37	1/8	2,393.30	1/8	2,572.23	1/8	2,751.05	1/8	2,929.81	1/8	3,108.52	1/8	3,287.16	1/8	3,465.36
1/4	1,860.24	1/4	2,039.17	1/4	2,218.10	1/4	2,397.03	1/4	2,575.96	1/4	2,754.77	1/4	2,933.53	1/4	3,112.24	1/4	3,290.87	1/4	3,469.07
3/8	1,863.97	3/8	2,042.90	3/8	2,221.83	3/8	2,400.75	3/8	2,579.68	3/8	2,758.50	3/8	2,937.26	3/8	3,115.96	3/8	3,294.59	3/8	3,472.79
1/2	1,867.69	1/2	2,046.62	1/2	2,225.55	1/2	2,404.48	1/2	2,583.41	1/2	2,762.22	1/2	2,940.98	1/2	3,119.69	1/2	3,298.30	1/2	3,476.50
5/8	1,871.42	5/8	2,050.35	5/8	2,229.28	5/8	2,408.21	5/8	2,587.14	5/8	2,765.95	5/8	2,944.70	5/8	3,123.41	5/8	3,302.01	5/8	3,480.21
3/4	1,875.15	3/4	2,054.08	3/4	2,233.01	3/4	2,411.94	3/4	2,590.87	3/4	2,769.67	3/4	2,948.43	3/4	3,127.13	3/4	3,305.72	3/4	3,483.92
7/8	1,878.88	7/8	2,057.81	7/8	2,236.74	7/8	2,415.67	7/8	2,594.60	7/8	2,773.39	7/8	2,952.15	7/8	3,130.86	7/8	3,309.44	7/8	3,487.64
3	1,882.60	9	2,061.53	3	2,240.46	9	2,419.39	3	2,598.33	9	2,777.12	3	2,955.88	9	3,134.58	3	3,313.15	9	3,491.35
1/8	1,886.33	1/8	2,065.26	1/8	2,244.19	1/8	2,423.12	1/8	2,602.06	1/8	2,780.84	1/8	2,959.60	1/8	3,138.30	1/8	3,316.86	1/8	3,495.06
1/4	1,890.06	1/4	2,068.99	1/4	2,247.92	1/4	2,426.85	1/4	2,605.79	1/4	2,784.57	1/4	2,963.32	1/4	3,142.02	1/4	3,320.57	1/4	3,498.77
3/8	1,893.79	3/8	2,072.72	3/8	2,251.65	3/8	2,430.58	3/8	2,609.52	3/8	2,788.29	3/8	2,967.05	3/8	3,145.75	3/8	3,324.29	3/8	3,502.49
1/2	1,897.52	1/2	2,076.44	1/2	2,255.37	1/2	2,434.30	1/2	2,613.25	1/2	2,792.02	1/2	2,970.77	1/2	3,149.47	1/2	3,328.00	1/2	3,506.20
5/8	1,901.24	5/8	2,080.17	5/8	2,259.10	5/8	2,438.03	5/8	2,616.98	5/8	2,795.74	5/8	2,974.50	5/8	3,153.19	5/8	3,331.71	5/8	3,509.91
3/4	1,904.97	3/4	2,083.90	3/4	2,262.83	3/4	2,441.76	3/4	2,620.71	3/4	2,799.46	3/4	2,978.22	3/4	3,156.92	3/4	3,335.42	3/4	3,513.62
7/8	1,908.70	7/8	2,087.63	7/8	2,266.56	7/8	2,445.49	7/8	2,624.43	7/8	2,803.19	7/8	2,981.94	7/8	3,160.64	7/8	3,339.14	7/8	3,517.34
4	1,912.43	10	2,091.36	4	2,270.29	10	2,449.21	4	2,628.15	10	2,806.91	4	2,985.67	10	3,164.36	4	3,342.85	10	3,521.05
1/8	1,916.15	1/8	2,095.08	1/8	2,274.01	1/8	2,452.94	1/8	2,631.88	1/8	2,810.64	1/8	2,989.39	1/8	3,168.08	1/8	3,346.56	1/8	3,524.76
1/4	1,919.88	1/4	2,098.81	1/4	2,277.74	1/4	2,456.67	1/4	2,635.60	1/4	2,814.36	1/4	2,993.11	1/4	3,171.81	1/4	3,350.27	1/4	3,528.47
3/8	1,923.61	3/8	2,102.54	3/8	2,281.47	3/8	2,460.40	3/8	2,639.33	3/8	2,818.08	3/8	2,996.84	3/8	3,175.53	3/8	3,353.99	3/8	3,532.19
1/2	1,927.34	1/2	2,106.27	1/2	2,285.20	1/2	2,464.13	1/2	2,643.05	1/2	2,821.81	1/2	3,000.56	1/2	3,179.25	1/2	3,357.70	1/2	3,535.90
5/8	1,931.06	5/8	2,109.99	5/8	2,288.92	5/8	2,467.85	5/8	2,646.78	5/8	2,825.53	5/8	3,004.28	5/8	3,182.98	5/8	3,361.41	5/8	3,539.61
3/4	1,934.79	3/4	2,113.72	3/4	2,292.65	3/4	2,471.58	3/4	2,650.50	3/4	2,829.26	3/4	3,008.00	3/4	3,186.70	3/4	3,365.12	3/4	3,543.32
7/8	1,938.52	7/8	2,117.45	7/8	2,296.38	7/8	2,475.31	7/8	2,654.22	7/8	2,832.98	7/8	3,011.73	7/8	3,190.42	7/8	3,368.84	7/8	3,547.04
5	1,942.25	11	2,121.18	5	2,300.11	11	2,479.04	5	2,657.95	11	2,836.70	5	3,015.45	11	3,194.14	5	3,372.55	11	3,550.75
1/8	1,945.98	1/8	2,124.90	1/8	2,303.83	1/8	2,482.76	1/8	2,661.67	1/8	2,840.43	1/8	3,019.17	1/8	3,197.87	1/8	3,376.26	1/8	3,554.47
1/4	1,949.70	1/4	2,128.63	1/4	2,307.56	1/4	2,486.49	1/4	2,665.40	1/4	2,844.15	1/4	3,022.89	1/4	3,201.59	1/4	3,379.97	1/4	3,558.18
3/8	1,953.43	3/8	2,132.36	3/8	2,311.29	3/8	2,490.22	3/8	2,669.12	3/8	2,847.88	3/8	3,026.62	3/8	3,205.31	3/8	3,383.69	3/8	3,561.90
1/2	1,957.16	1/2	2,136.09	1/2	2,315.02	1/2	2,493.95	1/2	2,672.84	1/2	2,851.60	1/2	3,030.34	1/2	3,209.03	1/2	3,387.40	1/2	3,565.61
5/8	1,960.89	5/8	2,139.82	5/8	2,318.75	5/8	2,497.67	5/8	2,676.57	5/8	2,855.32	5/8	3,034.06	5/8	3,212.76	5/8	3,391.11	5/8	3,569.33
3/4	1,964.61	3/4	2,143.54	3/4	2,322.47	3/4	2,501.40	3/4	2,680.29	3/4	2,859.05	3/4	3,037.79	3/4	3,216.48	3/4	3,394.82	3/4	3,573.04
7/8	1,968.34	7/8	2,147.27	7/8	2,326.20	7/8	2,505.13	7/8	2,684.02	7/8	2,862.77	7/8	3,041.51	7/8	3,220.20	7/8	3,398.54	7/8	3,576.76

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 28738"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,579.34	6	3,657.91	0	3,726.12	6	3,794.32	0	3,862.52	6	3,930.54	0	3,998.39	6	4,065.76	0	4,131.68	6	
1/8	3,582.49	1/8	3,659.33	1/8	3,727.54	1/8	3,795.74	1/8	3,863.94	1/8	3,931.95	1/8	3,999.81	1/8	4,067.16	1/8	4,132.69	1/8	
1/4	3,585.64	1/4	3,660.76	1/4	3,728.96	1/4	3,797.16	1/4	3,865.37	1/4	3,933.36	1/4	4,001.22	1/4	4,068.56	1/4	4,133.69	1/4	
3/8	3,588.79	3/8	3,662.18	3/8	3,730.38	3/8	3,798.58	3/8	3,866.79	3/8	3,934.78	3/8	4,002.64	3/8	4,069.96	3/8	4,134.69	3/8	
1/2	3,591.94	1/2	3,663.60	1/2	3,731.80	1/2	3,800.00	1/2	3,868.21	1/2	3,936.19	1/2	4,004.05	1/2	4,071.36	1/2	4,135.69	1/2	
5/8	3,595.09	5/8	3,665.02	5/8	3,733.22	5/8	3,801.42	5/8	3,869.63	5/8	3,937.61	5/8	4,005.46	5/8	4,072.76	5/8	4,136.70	5/8	
3/4	3,598.24	3/4	3,666.44	3/4	3,734.64	3/4	3,802.85	3/4	3,871.05	3/4	3,939.02	3/4	4,006.88	3/4	4,074.16	3/4	4,137.70	3/4	
7/8	3,599.66	7/8	3,667.86	7/8	3,736.06	7/8	3,804.27	7/8	3,872.47	7/8	3,940.43	7/8	4,008.29	7/8	4,075.56	7/8	4,138.17	7/8	
1	3,601.08	7	3,669.28	1	3,737.48	7	3,805.69	1	3,873.89	7	3,941.85	1	4,009.70	7	4,076.96	1	4,138.64	7	
1/8	3,602.50	1/8	3,670.70	1/8	3,738.91	1/8	3,807.11	1/8	3,875.31	1/8	3,943.26	1/8	4,011.11	1/8	4,078.36	1/8	4,139.11	1/8	
1/4	3,603.92	1/4	3,672.12	1/4	3,740.33	1/4	3,808.53	1/4	3,876.73	1/4	3,944.67	1/4	4,012.52	1/4	4,079.76	1/4	4,139.58	1/4	
3/8	3,605.34	3/8	3,673.54	3/8	3,741.75	3/8	3,809.95	3/8	3,878.15	3/8	3,946.09	3/8	4,013.93	3/8	4,081.16	3/8	4,140.05	3/8	
1/2	3,606.76	1/2	3,674.96	1/2	3,743.17	1/2	3,811.37	1/2	3,879.57	1/2	3,947.50	1/2	4,015.34	1/2	4,082.56	1/2	4,140.52	1/2	
5/8	3,608.18	5/8	3,676.39	5/8	3,744.59	5/8	3,812.79	5/8	3,881.00	5/8	3,948.92	5/8	4,016.75	5/8	4,083.96	5/8	4,140.99	5/8	
3/4	3,609.60	3/4	3,677.81	3/4	3,746.01	3/4	3,814.21	3/4	3,882.42	3/4	3,950.33	3/4	4,018.16	3/4	4,085.37	3/4	4,141.46	3/4	
7/8	3,611.02	7/8	3,679.23	7/8	3,747.43	7/8	3,815.63	7/8	3,883.84	7/8	3,951.74	7/8	4,019.56	7/8	4,086.77	7/8	4,141.52	7/8	
2	3,612.45	8	3,680.65	2	3,748.85	8	3,817.05	2	3,885.26	8	3,953.16	2	4,020.96	8	4,088.17	2	4,141.58	8	
1/8	3,613.87	1/8	3,682.07	1/8	3,750.27	1/8	3,818.48	1/8	3,886.68	1/8	3,954.57	1/8	4,022.36	1/8	4,089.57	1/8	4,141.64	1/8	
1/4	3,615.29	1/4	3,683.49	1/4	3,751.69	1/4	3,819.90	1/4	3,888.10	1/4	3,955.98	1/4	4,023.76	1/4	4,090.97	1/4	4,141.70	1/4	
3/8	3,616.71	3/8	3,684.91	3/8	3,753.11	3/8	3,821.32	3/8	3,889.52	3/8	3,957.40	3/8	4,025.16	3/8	4,092.37	3/8	4,141.76	3/8	
1/2	3,618.13	1/2	3,686.33	1/2	3,754.54	1/2	3,822.74	1/2	3,890.94	1/2	3,958.81	1/2	4,026.56	1/2	4,093.77	1/2	4,141.83	1/2	
5/8	3,619.55	5/8	3,687.75	5/8	3,755.96	5/8	3,824.16	5/8	3,892.36	5/8	3,960.22	5/8	4,027.96	5/8	4,095.17	5/8		5/8	
3/4	3,620.97	3/4	3,689.17	3/4	3,757.38	3/4	3,825.58	3/4	3,893.78	3/4	3,961.64	3/4	4,029.36	3/4	4,096.58	3/4		3/4	
7/8	3,622.39	7/8	3,690.59	7/8	3,758.80	7/8	3,827.00	7/8	3,895.19	7/8	3,963.05	7/8	4,030.76	7/8	4,097.98	7/8		7/8	
3	3,623.81	9	3,692.02	3	3,760.22	9	3,828.42	3	3,896.61	9	3,964.47	3	4,032.16	9	4,099.38	3		9	
1/8	3,625.23	1/8	3,693.44	1/8	3,761.64	1/8	3,829.84	1/8	3,898.02	1/8	3,965.88	1/8	4,033.56	1/8	4,100.78	1/8		1/8	
1/4	3,626.65	1/4	3,694.86	1/4	3,763.06	1/4	3,831.26	1/4	3,899.44	1/4	3,967.29	1/4	4,034.96	1/4	4,102.18	1/4		1/4	
3/8	3,628.08	3/8	3,696.28	3/8	3,764.48	3/8	3,832.68	3/8	3,900.85	3/8	3,968.71	3/8	4,036.36	3/8	4,103.58	3/8		3/8	
1/2	3,629.50	1/2	3,697.70	1/2	3,765.90	1/2	3,834.11	1/2	3,902.26	1/2	3,970.12	1/2	4,037.76	1/2	4,104.98	1/2		1/2	
5/8	3,630.92	5/8	3,699.12	5/8	3,767.32	5/8	3,835.53	5/8	3,903.68	5/8	3,971.53	5/8	4,039.16	5/8	4,106.39	5/8		5/8	
3/4	3,632.34	3/4	3,700.54	3/4	3,768.74	3/4	3,836.95	3/4	3,905.09	3/4	3,972.95	3/4	4,040.56	3/4	4,107.79	3/4		3/4	
7/8	3,633.76	7/8	3,701.96	7/8	3,770.17	7/8	3,838.37	7/8	3,906.50	7/8	3,974.36	7/8	4,041.96	7/8	4,109.19	7/8		7/8	
4	3,635.18	10	3,703.38	4	3,771.59	10	3,839.79	4	3,907.92	10	3,975.78	4	4,043.36	10	4,110.59	4		10	
1/8	3,636.60	1/8	3,704.80	1/8	3,773.01	1/8	3,841.21	1/8	3,909.33	1/8	3,977.19	1/8	4,044.76	1/8	4,111.99	1/8		1/8	
1/4	3,638.02	1/4	3,706.22	1/4	3,774.43	1/4	3,842.63	1/4	3,910.75	1/4	3,978.60	1/4	4,046.16	1/4	4,113.39	1/4		1/4	
3/8	3,639.44	3/8	3,707.65	3/8	3,775.85	3/8	3,844.05	3/8	3,912.16	3/8	3,980.02	3/8	4,047.56	3/8	4,114.79	3/8		3/8	
1/2	3,640.86	1/2	3,709.07	1/2	3,777.27	1/2	3,845.47	1/2	3,913.57	1/2	3,981.43	1/2	4,048.96	1/2	4,116.20	1/2		1/2	
5/8	3,642.28	5/8	3,710.49	5/8	3,778.69	5/8	3,846.89	5/8	3,914.99	5/8	3,982.84	5/8	4,050.36	5/8	4,117.60	5/8		5/8	
3/4	3,643.71	3/4	3,711.91	3/4	3,780.11	3/4	3,848.31	3/4	3,916.40	3/4	3,984.26	3/4	4,051.76	3/4	4,119.00	3/4		3/4	
7/8	3,645.13	7/8	3,713.33	7/8	3,781.53	7/8	3,849.74	7/8	3,917.81	7/8	3,985.67	7/8	4,053.16	7/8	4,120.33	7/8		7/8	
5	3,646.55	11	3,714.75	5	3,782.95	11	3,851.16	5	3,919.23	11	3,987.09	5	4,054.56	11	4,121.67	5		11	
1/8	3,647.97	1/8	3,716.17	1/8	3,784.37	1/8	3,852.58	1/8	3,920.64	1/8	3,988.50	1/8	4,055.96	1/8	4,123.00	1/8		1/8	
1/4	3,649.39	1/4	3,717.59	1/4	3,785.80	1/4	3,854.00	1/4	3,922.06	1/4	3,989.91	1/4	4,057.36	1/4	4,124.34	1/4		1/4	
3/8	3,650.81	3/8	3,719.01	3/8	3,787.22	3/8	3,855.42	3/8	3,923.47	3/8	3,991.33	3/8	4,058.76	3/8	4,125.67	3/8		3/8	
1/2	3,652.23	1/2	3,720.43	1/2	3,788.64	1/2	3,856.84	1/2	3,924.88	1/2	3,992.74	1/2	4,060.16	1/2	4,127.01	1/2		1/2	
5/8	3,653.65	5/8	3,721.85	5/8	3,790.06	5/8	3,858.26	5/8	3,926.30	5/8	3,994.15	5/8	4,061.56	5/8	4,128.34	5/8		5/8	
3/4	3,655.07	3/4	3,723.28	3/4	3,791.48	3/4	3,859.68	3/4	3,927.71	3/4	3,995.57	3/4	4,062.96	3/4	4,129.68	3/4		3/4	
7/8	3,656.49	7/8	3,724.70	7/8	3,792.90	7/8	3,861.10	7/8	3,929.12	7/8	3,996.98	7/8	4,064.36	7/8	4,130.68	7/8		7/8	

STRAPPED: 09/26/2012 CL
 RECALCULATED: 07/05/2022 CL
 PRINTED: 07/05/2022 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2022

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