



BARGE "KIRBY 28095"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 3, 2024

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28095"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.17	0	260.14	0	542.37	0	846.91	0	1,173.47	0	1,505.12	0	1,836.76	0	2,168.35	0	2,499.87	0	2,831.39
1/4	13.50	1/4	265.81	1/4	548.49	1/4	853.53	1/4	1,180.38	1/4	1,512.03	1/4	1,843.67	1/4	2,175.26	1/4	2,506.78	1/4	2,838.29
1/2	16.83	1/2	271.47	1/2	554.60	1/2	860.14	1/2	1,187.29	1/2	1,518.94	1/2	1,850.58	1/2	2,182.17	1/2	2,513.68	1/2	2,845.20
3/4	20.16	3/4	277.14	3/4	560.72	3/4	866.75	3/4	1,194.20	3/4	1,525.84	3/4	1,857.49	3/4	2,189.07	3/4	2,520.59	3/4	2,852.11
1	23.49	1	282.80	1	566.83	1	873.37	1	1,201.11	1	1,532.75	1	1,864.40	1	2,195.98	1	2,527.50	1	2,859.01
1/4	28.14	1/4	288.51	1/4	572.99	1/4	880.02	1/4	1,208.02	1/4	1,539.66	1/4	1,871.31	1/4	2,202.89	1/4	2,534.40	1/4	2,865.92
1/2	32.80	1/2	294.21	1/2	579.15	1/2	886.67	1/2	1,214.93	1/2	1,546.57	1/2	1,878.22	1/2	2,209.79	1/2	2,541.31	1/2	2,872.83
3/4	37.46	3/4	299.91	3/4	585.31	3/4	893.33	3/4	1,221.84	3/4	1,553.48	3/4	1,885.13	3/4	2,216.70	3/4	2,548.22	3/4	2,879.73
2	42.12	2	305.61	2	591.46	2	899.98	2	1,228.74	2	1,560.39	2	1,892.04	2	2,223.61	2	2,555.12	2	2,886.64
1/4	47.39	1/4	311.35	1/4	597.66	1/4	906.67	1/4	1,235.65	1/4	1,567.30	1/4	1,898.95	1/4	2,230.51	1/4	2,562.03	1/4	2,893.55
1/2	52.66	1/2	317.10	1/2	603.86	1/2	913.36	1/2	1,242.56	1/2	1,574.21	1/2	1,905.86	1/2	2,237.42	1/2	2,568.94	1/2	2,900.45
3/4	57.94	3/4	322.84	3/4	610.05	3/4	920.06	3/4	1,249.47	3/4	1,581.12	3/4	1,912.77	3/4	2,244.33	3/4	2,575.84	3/4	2,907.36
3	63.21	3	328.58	3	616.25	3	926.75	3	1,256.38	3	1,588.03	3	1,919.67	3	2,251.23	3	2,582.75	3	2,914.27
1/4	68.52	1/4	334.36	1/4	622.49	1/4	933.48	1/4	1,263.29	1/4	1,594.94	1/4	1,926.58	1/4	2,258.14	1/4	2,589.66	1/4	2,921.17
1/2	73.83	1/2	340.15	1/2	628.73	1/2	940.21	1/2	1,270.20	1/2	1,601.85	1/2	1,933.49	1/2	2,265.05	1/2	2,596.56	1/2	2,928.08
3/4	79.15	3/4	345.93	3/4	634.96	3/4	946.94	3/4	1,277.11	3/4	1,608.76	3/4	1,940.40	3/4	2,271.95	3/4	2,603.47	3/4	2,934.99
4	84.46	4	351.72	4	641.20	4	953.68	4	1,284.02	4	1,615.67	4	1,947.31	4	2,278.86	4	2,610.38	4	2,941.89
1/4	89.81	1/4	357.54	1/4	647.48	1/4	960.45	1/4	1,290.93	1/4	1,622.57	1/4	1,954.22	1/4	2,285.77	1/4	2,617.28	1/4	2,948.80
1/2	95.16	1/2	363.37	1/2	653.75	1/2	967.22	1/2	1,297.84	1/2	1,629.48	1/2	1,961.13	1/2	2,292.67	1/2	2,624.19	1/2	2,955.71
3/4	100.52	3/4	369.19	3/4	660.03	3/4	973.99	3/4	1,304.75	3/4	1,636.39	3/4	1,968.04	3/4	2,299.58	3/4	2,631.10	3/4	2,962.62
5	105.87	5	375.02	5	666.30	5	980.76	5	1,311.66	5	1,643.30	5	1,974.95	5	2,306.49	5	2,638.00	5	2,969.53
1/4	111.26	1/4	380.88	1/4	672.62	1/4	987.57	1/4	1,318.57	1/4	1,650.21	1/4	1,981.86	1/4	2,313.39	1/4	2,644.91	1/4	2,976.43
1/2	116.65	1/2	386.74	1/2	678.94	1/2	994.38	1/2	1,325.47	1/2	1,657.12	1/2	1,988.77	1/2	2,320.30	1/2	2,651.82	1/2	2,983.34
3/4	122.04	3/4	392.61	3/4	685.25	3/4	1,001.19	3/4	1,332.38	3/4	1,664.03	3/4	1,995.68	3/4	2,327.21	3/4	2,658.72	3/4	2,990.24
6	127.43	6	398.47	6	691.57	6	1,008.00	6	1,339.29	6	1,670.94	6	2,002.59	6	2,334.11	6	2,665.63	6	2,997.15
1/4	132.86	1/4	404.38	1/4	697.93	1/4	1,014.85	1/4	1,346.20	1/4	1,677.85	1/4	2,009.50	1/4	2,341.02	1/4	2,672.54	1/4	3,004.06
1/2	138.30	1/2	410.28	1/2	704.29	1/2	1,021.70	1/2	1,353.11	1/2	1,684.76	1/2	2,016.40	1/2	2,347.93	1/2	2,679.44	1/2	3,010.96
3/4	143.73	3/4	416.19	3/4	710.66	3/4	1,028.55	3/4	1,360.02	3/4	1,691.67	3/4	2,023.31	3/4	2,354.83	3/4	2,686.35	3/4	3,017.87
7	149.16	7	422.09	7	717.02	7	1,035.40	7	1,366.93	7	1,698.58	7	2,030.22	7	2,361.74	7	2,693.26	7	3,024.78
1/4	154.63	1/4	428.03	1/4	723.43	1/4	1,042.29	1/4	1,373.84	1/4	1,705.49	1/4	2,037.13	1/4	2,368.65	1/4	2,700.16	1/4	3,031.68
1/2	160.10	1/2	433.98	1/2	729.85	1/2	1,049.17	1/2	1,380.75	1/2	1,712.40	1/2	2,044.04	1/2	2,375.55	1/2	2,707.07	1/2	3,038.59
3/4	165.57	3/4	439.92	3/4	736.26	3/4	1,056.06	3/4	1,387.66	3/4	1,719.30	3/4	2,050.94	3/4	2,382.46	3/4	2,713.98	3/4	3,045.50
8	171.04	8	445.86	8	742.67	8	1,062.94	8	1,394.57	8	1,726.21	8	2,057.85	8	2,389.37	8	2,720.88	8	3,052.40
1/4	176.55	1/4	451.85	1/4	749.13	1/4	1,069.85	1/4	1,401.48	1/4	1,733.12	1/4	2,064.76	1/4	2,396.27	1/4	2,727.79	1/4	3,059.31
1/2	182.06	1/2	457.83	1/2	755.58	1/2	1,076.75	1/2	1,408.39	1/2	1,740.03	1/2	2,071.66	1/2	2,403.18	1/2	2,734.69	1/2	3,066.22
3/4	187.57	3/4	463.81	3/4	762.04	3/4	1,083.65	3/4	1,415.30	3/4	1,746.94	3/4	2,078.57	3/4	2,410.08	3/4	2,741.60	3/4	3,073.12
9	193.08	9	469.80	9	768.50	9	1,090.56	9	1,422.21	9	1,753.85	9	2,085.47	9	2,416.99	9	2,748.51	9	3,080.03
1/4	198.63	1/4	475.81	1/4	774.99	1/4	1,097.47	1/4	1,429.11	1/4	1,760.76	1/4	2,092.38	1/4	2,423.90	1/4	2,755.41	1/4	3,086.94
1/2	204.17	1/2	481.83	1/2	781.49	1/2	1,104.38	1/2	1,436.02	1/2	1,767.67	1/2	2,099.29	1/2	2,430.80	1/2	2,762.32	1/2	3,093.84
3/4	209.72	3/4	487.85	3/4	787.98	3/4	1,111.29	3/4	1,442.93	3/4	1,774.58	3/4	2,106.19	3/4	2,437.71	3/4	2,769.23	3/4	3,100.75
10	215.27	10	493.87	10	794.48	10	1,118.20	10	1,449.84	10	1,781.49	10	2,113.10	10	2,444.62	10	2,776.13	10	3,107.66
1/4	220.86	1/4	499.92	1/4	801.01	1/4	1,125.11	1/4	1,456.75	1/4	1,788.40	1/4	2,120.01	1/4	2,451.52	1/4	2,783.04	1/4	3,114.56
1/2	226.45	1/2	505.97	1/2	807.55	1/2	1,132.01	1/2	1,463.66	1/2	1,795.31	1/2	2,126.91	1/2	2,458.43	1/2	2,789.95	1/2	3,121.47
3/4	232.04	3/4	512.01	3/4	814.08	3/4	1,138.92	3/4	1,470.57	3/4	1,802.22	3/4	2,133.82	3/4	2,465.34	3/4	2,796.85	3/4	3,128.37
11	237.63	11	518.06	11	820.62	11	1,145.83	11	1,477.48	11	1,809.13	11	2,140.73	11	2,472.24	11	2,803.76	11	3,135.28
1/4	243.26	1/4	524.14	1/4	827.19	1/4	1,152.74	1/4	1,484.39	1/4	1,816.04	1/4	2,147.63	1/4	2,479.15	1/4	2,810.67	1/4	3,142.19
1/2	248.88	1/2	530.22	1/2	833.76	1/2	1,159.65	1/2	1,491.30	1/2	1,822.94	1/2	2,154.54	1/2	2,486.06	1/2	2,817.57	1/2	3,149.09
3/4	254.51	3/4	536.29	3/4	840.34	3/4	1,166.56	3/4	1,498.21	3/4	1,829.85	3/4	2,161.45	3/4	2,492.96	3/4	2,824.48	3/4	3,156.00

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 28095"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,162.91	0	3,494.42	0	3,824.60	0	4,141.70	0	4,442.35	0		0		0		0		0	
1/4	3,169.81	1/4	3,501.33	1/4	3,831.36	1/4	4,148.11	1/4	4,448.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,176.72	1/2	3,508.23	1/2	3,838.12	1/2	4,154.52	1/2	4,454.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,183.63	3/4	3,515.14	3/4	3,844.88	3/4	4,160.93	3/4	4,461.23	3/4		3/4		3/4		3/4		3/4	
1	3,190.53	1	3,522.05	1	3,851.65	1	4,167.33	1	4,467.52	1		1		1		1		1	
1/4	3,197.44	1/4	3,528.95	1/4	3,858.38	1/4	4,173.72	1/4	4,474.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,204.35	1/2	3,535.86	1/2	3,865.12	1/2	4,180.10	1/2	4,480.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,211.25	3/4	3,542.76	3/4	3,871.85	3/4	4,186.48	3/4	4,487.54	3/4		3/4		3/4		3/4		3/4	
2	3,218.16	2	3,549.67	2	3,878.59	2	4,192.86	2	4,494.21	2		2		2		2		2	
1/4	3,225.07	1/4	3,556.58	1/4	3,885.30	1/4	4,199.22	1/4	4,501.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,231.97	1/2	3,563.48	1/2	3,892.01	1/2	4,205.57	1/2	4,507.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,238.88	3/4	3,570.39	3/4	3,898.72	3/4	4,211.93	3/4	4,514.81	3/4		3/4		3/4		3/4		3/4	
3	3,245.79	3	3,577.30	3	3,905.43	3	4,218.28	3	4,521.68	3		3		3		3		3	
1/4	3,252.69	1/4	3,584.20	1/4	3,912.11	1/4	4,224.61	1/4	4,528.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,259.60	1/2	3,591.11	1/2	3,918.80	1/2	4,230.94	1/2	4,535.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,266.50	3/4	3,598.02	3/4	3,925.48	3/4	4,237.27	3/4	4,542.02	3/4		3/4		3/4		3/4		3/4	
4	3,273.41	4	3,604.92	4	3,932.16	4	4,243.60	4	4,548.80	4		4		4		4		4	
1/4	3,280.32	1/4	3,611.83	1/4	3,938.82	1/4	4,249.90	1/4	4,554.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,287.22	1/2	3,618.74	1/2	3,945.48	1/2	4,256.20	1/2	4,560.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,294.13	3/4	3,625.64	3/4	3,952.14	3/4	4,262.51	3/4	4,567.07	3/4		3/4		3/4		3/4		3/4	
5	3,301.04	5	3,632.55	5	3,958.79	5	4,268.81	5	4,573.16	5		5		5		5		5	
1/4	3,307.94	1/4	3,639.46	1/4	3,965.42	1/4	4,275.09	1/4	4,577.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,314.85	1/2	3,646.36	1/2	3,972.06	1/2	4,281.36	1/2	4,582.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,321.76	3/4	3,653.27	3/4	3,978.69	3/4	4,287.64	3/4	4,587.54	3/4		3/4		3/4		3/4		3/4	
6	3,328.66	6	3,660.18	6	3,985.32	6	4,293.91	6	4,592.33	6		6		6		6		6	
1/4	3,335.57	1/4	3,667.08	1/4	3,991.92	1/4	4,300.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,342.48	1/2	3,673.98	1/2	3,998.53	1/2	4,306.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,349.38	3/4	3,680.89	3/4	4,005.13	3/4	4,312.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,356.29	7	3,687.79	7	4,011.74	7	4,318.92	7		7		7		7		7		7	
1/4	3,363.20	1/4	3,694.68	1/4	4,018.32	1/4	4,325.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,370.10	1/2	3,701.57	1/2	4,024.89	1/2	4,331.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,377.01	3/4	3,708.46	3/4	4,031.47	3/4	4,337.59	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,383.92	8	3,715.35	8	4,038.05	8	4,343.81	8		8		8		8		8		8	
1/4	3,390.82	1/4	3,722.22	1/4	4,044.58	1/4	4,350.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,397.73	1/2	3,729.09	1/2	4,051.12	1/2	4,356.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,404.63	3/4	3,735.95	3/4	4,057.65	3/4	4,362.41	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,411.54	9	3,742.82	9	4,064.18	9	4,368.60	9		9		9		9		9		9	
1/4	3,418.45	1/4	3,749.66	1/4	4,070.67	1/4	4,374.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,425.35	1/2	3,756.50	1/2	4,077.15	1/2	4,380.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,432.26	3/4	3,763.34	3/4	4,083.64	3/4	4,387.12	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,439.17	10	3,770.18	10	4,090.13	10	4,393.29	10		10		10		10		10		10	
1/4	3,446.07	1/4	3,777.00	1/4	4,096.59	1/4	4,399.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,452.98	1/2	3,783.81	1/2	4,103.05	1/2	4,405.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,459.89	3/4	3,790.63	3/4	4,109.51	3/4	4,411.73	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,466.79	11	3,797.44	11	4,115.97	11	4,417.87	11		11		11		11		11		11	
1/4	3,473.70	1/4	3,804.23	1/4	4,122.40	1/4	4,423.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,480.61	1/2	3,811.02	1/2	4,128.84	1/2	4,430.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,487.51	3/4	3,817.81	3/4	4,135.27	3/4	4,436.23	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

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



BARGE "KIRBY 28095"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.17	0	260.30	0	542.72	0	847.01	0	1,173.27	0	1,505.17	0	1,837.08	0	2,168.94	0	2,500.72	0	2,832.50
1/4	13.50	1/4	265.97	1/4	548.84	1/4	853.61	1/4	1,180.18	1/4	1,512.09	1/4	1,843.99	1/4	2,175.85	1/4	2,507.63	1/4	2,839.41
1/2	16.84	1/2	271.64	1/2	554.96	1/2	860.21	1/2	1,187.10	1/2	1,519.00	1/2	1,850.91	1/2	2,182.76	1/2	2,514.54	1/2	2,846.32
3/4	20.17	3/4	277.31	3/4	561.08	3/4	866.80	3/4	1,194.01	3/4	1,525.92	3/4	1,857.82	3/4	2,189.67	3/4	2,521.45	3/4	2,853.23
1	23.50	1	282.98	1	567.20	1	873.40	1	1,200.93	1	1,532.83	1	1,864.74	1	2,196.58	1	2,528.37	1	2,860.15
1/4	28.16	1/4	288.68	1/4	573.36	1/4	880.04	1/4	1,207.84	1/4	1,539.75	1/4	1,871.65	1/4	2,203.50	1/4	2,535.28	1/4	2,867.06
1/2	32.82	1/2	294.39	1/2	579.52	1/2	886.67	1/2	1,214.76	1/2	1,546.66	1/2	1,878.57	1/2	2,210.41	1/2	2,542.19	1/2	2,873.97
3/4	37.48	3/4	300.09	3/4	585.68	3/4	893.31	3/4	1,221.67	3/4	1,553.58	3/4	1,885.48	3/4	2,217.32	3/4	2,549.10	3/4	2,880.88
2	42.14	2	305.80	2	591.84	2	899.95	2	1,228.58	2	1,560.49	2	1,892.40	2	2,224.23	2	2,556.01	2	2,887.79
1/4	47.42	1/4	311.55	1/4	598.05	1/4	906.62	1/4	1,235.50	1/4	1,567.41	1/4	1,899.31	1/4	2,231.15	1/4	2,562.93	1/4	2,894.71
1/2	52.69	1/2	317.29	1/2	604.25	1/2	913.30	1/2	1,242.41	1/2	1,574.32	1/2	1,906.23	1/2	2,238.06	1/2	2,569.84	1/2	2,901.62
3/4	57.97	3/4	323.04	3/4	610.45	3/4	919.98	3/4	1,249.33	3/4	1,581.23	3/4	1,913.14	3/4	2,244.97	3/4	2,576.75	3/4	2,908.53
3	63.25	3	328.78	3	616.65	3	926.65	3	1,256.24	3	1,588.15	3	1,920.05	3	2,251.88	3	2,583.66	3	2,915.44
1/4	68.56	1/4	334.57	1/4	622.89	1/4	933.37	1/4	1,263.16	1/4	1,595.06	1/4	1,926.97	1/4	2,258.79	1/4	2,590.57	1/4	2,922.36
1/2	73.88	1/2	340.36	1/2	629.14	1/2	940.08	1/2	1,270.07	1/2	1,601.98	1/2	1,933.88	1/2	2,265.71	1/2	2,597.49	1/2	2,929.27
3/4	79.19	3/4	346.15	3/4	635.38	3/4	946.80	3/4	1,276.99	3/4	1,608.89	3/4	1,940.80	3/4	2,272.62	3/4	2,604.40	3/4	2,936.18
4	84.51	4	351.93	4	641.62	4	953.51	4	1,283.90	4	1,615.81	4	1,947.71	4	2,279.53	4	2,611.31	4	2,943.09
1/4	89.86	1/4	357.76	1/4	647.90	1/4	960.27	1/4	1,290.82	1/4	1,622.72	1/4	1,954.63	1/4	2,286.44	1/4	2,618.22	1/4	2,950.00
1/2	95.22	1/2	363.59	1/2	654.18	1/2	967.02	1/2	1,297.73	1/2	1,629.64	1/2	1,961.54	1/2	2,293.35	1/2	2,625.13	1/2	2,956.92
3/4	100.57	3/4	369.42	3/4	660.46	3/4	973.78	3/4	1,304.65	3/4	1,636.55	3/4	1,968.46	3/4	2,300.27	3/4	2,632.05	3/4	2,963.83
5	105.93	5	375.25	5	666.74	5	980.53	5	1,311.56	5	1,643.47	5	1,975.37	5	2,307.18	5	2,638.96	5	2,970.74
1/4	111.32	1/4	381.12	1/4	673.06	1/4	987.33	1/4	1,318.48	1/4	1,650.38	1/4	1,982.29	1/4	2,314.09	1/4	2,645.87	1/4	2,977.65
1/2	116.72	1/2	386.99	1/2	679.38	1/2	994.12	1/2	1,325.39	1/2	1,657.30	1/2	1,989.20	1/2	2,321.00	1/2	2,652.78	1/2	2,984.56
3/4	122.11	3/4	392.85	3/4	685.70	3/4	1,000.92	3/4	1,332.31	3/4	1,664.21	3/4	1,996.12	3/4	2,327.91	3/4	2,659.70	3/4	2,991.48
6	127.51	6	398.72	6	692.02	6	1,007.71	6	1,339.22	6	1,671.13	6	2,003.03	6	2,334.83	6	2,666.61	6	2,998.39
1/4	132.94	1/4	404.63	1/4	698.38	1/4	1,014.56	1/4	1,346.13	1/4	1,678.04	1/4	2,009.95	1/4	2,341.74	1/4	2,673.52	1/4	3,005.30
1/2	138.38	1/2	410.54	1/2	704.74	1/2	1,021.40	1/2	1,353.05	1/2	1,684.96	1/2	2,016.86	1/2	2,348.65	1/2	2,680.43	1/2	3,012.21
3/4	143.81	3/4	416.45	3/4	711.09	3/4	1,028.25	3/4	1,359.96	3/4	1,691.87	3/4	2,023.78	3/4	2,355.56	3/4	2,687.34	3/4	3,019.12
7	149.25	7	422.36	7	717.45	7	1,035.09	7	1,366.88	7	1,698.78	7	2,030.69	7	2,362.47	7	2,694.26	7	3,026.04
1/4	154.72	1/4	428.30	1/4	723.85	1/4	1,041.98	1/4	1,373.79	1/4	1,705.70	1/4	2,037.60	1/4	2,369.39	1/4	2,701.17	1/4	3,032.95
1/2	160.19	1/2	434.25	1/2	730.24	1/2	1,048.87	1/2	1,380.71	1/2	1,712.61	1/2	2,044.52	1/2	2,376.30	1/2	2,708.08	1/2	3,039.86
3/4	165.67	3/4	440.20	3/4	736.64	3/4	1,055.76	3/4	1,387.62	3/4	1,719.53	3/4	2,051.43	3/4	2,383.21	3/4	2,714.99	3/4	3,046.77
8	171.14	8	446.14	8	743.04	8	1,062.65	8	1,394.54	8	1,726.44	8	2,058.34	8	2,390.12	8	2,721.90	8	3,053.68
1/4	176.65	1/4	452.13	1/4	749.48	1/4	1,069.56	1/4	1,401.45	1/4	1,733.36	1/4	2,065.25	1/4	2,397.04	1/4	2,728.82	1/4	3,060.60
1/2	182.17	1/2	458.12	1/2	755.91	1/2	1,076.47	1/2	1,408.37	1/2	1,740.27	1/2	2,072.17	1/2	2,403.95	1/2	2,735.73	1/2	3,067.51
3/4	187.68	3/4	464.11	3/4	762.35	3/4	1,083.38	3/4	1,415.28	3/4	1,747.19	3/4	2,079.08	3/4	2,410.86	3/4	2,742.64	3/4	3,074.42
9	193.19	9	470.09	9	768.79	9	1,090.29	9	1,422.20	9	1,754.10	9	2,085.99	9	2,417.77	9	2,749.55	9	3,081.33
1/4	198.75	1/4	476.12	1/4	775.27	1/4	1,097.21	1/4	1,429.11	1/4	1,761.02	1/4	2,092.90	1/4	2,424.68	1/4	2,756.46	1/4	3,088.24
1/2	204.30	1/2	482.14	1/2	781.75	1/2	1,104.12	1/2	1,436.03	1/2	1,767.93	1/2	2,099.82	1/2	2,431.60	1/2	2,763.38	1/2	3,095.16
3/4	209.85	3/4	488.16	3/4	788.23	3/4	1,111.04	3/4	1,442.94	3/4	1,774.85	3/4	2,106.73	3/4	2,438.51	3/4	2,770.29	3/4	3,102.07
10	215.40	10	494.18	10	794.71	10	1,117.95	10	1,449.86	10	1,781.76	10	2,113.64	10	2,445.42	10	2,777.20	10	3,108.98
1/4	221.00	1/4	500.24	1/4	801.23	1/4	1,124.86	1/4	1,456.77	1/4	1,788.68	1/4	2,120.55	1/4	2,452.33	1/4	2,784.11	1/4	3,115.89
1/2	226.59	1/2	506.29	1/2	807.74	1/2	1,131.78	1/2	1,463.68	1/2	1,795.59	1/2	2,127.46	1/2	2,459.24	1/2	2,791.03	1/2	3,122.80
3/4	232.18	3/4	512.34	3/4	814.26	3/4	1,138.69	3/4	1,470.60	3/4	1,802.51	3/4	2,134.38	3/4	2,466.16	3/4	2,797.94	3/4	3,129.72
11	237.77	11	518.39	11	820.78	11	1,145.61	11	1,477.51	11	1,809.42	11	2,141.29	11	2,473.07	11	2,804.85	11	3,136.63
1/4	243.40	1/4	524.47	1/4	827.34	1/4	1,152.52	1/4	1,484.43	1/4	1,816.33	1/4	2,148.20	1/4	2,479.98	1/4	2,811.76	1/4	3,143.54
1/2	249.03	1/2	530.56	1/2	833.90	1/2	1,159.44	1/2	1,491.34	1/2	1,823.25	1/2	2,155.11	1/2	2,486.89	1/2	2,818.67	1/2	3,150.45
3/4	254.67	3/4	536.64	3/4	840.45	3/4	1,166.35	3/4	1,498.26	3/4	1,830.16	3/4	2,162.02	3/4	2,493.80	3/4	2,825.59	3/4	3,157.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28095"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,164.28	0	3,496.05	0	3,826.48	0	4,143.83	0	4,444.69	0		0		0		0		0	
1/4	3,171.19	1/4	3,502.96	1/4	3,833.25	1/4	4,150.24	1/4	4,450.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,178.10	1/2	3,509.88	1/2	3,840.02	1/2	4,156.66	1/2	4,457.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,185.01	3/4	3,516.79	3/4	3,846.79	3/4	4,163.07	3/4	4,463.59	3/4		3/4		3/4		3/4		3/4	
1	3,191.92	1	3,523.70	1	3,853.55	1	4,169.48	1	4,469.88	1		1		1		1		1	
1/4	3,198.84	1/4	3,530.61	1/4	3,860.29	1/4	4,175.87	1/4	4,476.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,205.75	1/2	3,537.52	1/2	3,867.04	1/2	4,182.25	1/2	4,483.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,212.66	3/4	3,544.44	3/4	3,873.78	3/4	4,188.64	3/4	4,489.92	3/4		3/4		3/4		3/4		3/4	
2	3,219.57	2	3,551.35	2	3,880.52	2	4,195.03	2	4,496.60	2		2		2		2		2	
1/4	3,226.48	1/4	3,558.26	1/4	3,887.23	1/4	4,201.39	1/4	4,503.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,233.40	1/2	3,565.17	1/2	3,893.95	1/2	4,207.75	1/2	4,510.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,240.31	3/4	3,572.08	3/4	3,900.66	3/4	4,214.11	3/4	4,517.21	3/4		3/4		3/4		3/4		3/4	
3	3,247.22	3	3,579.00	3	3,907.38	3	4,220.47	3	4,524.09	3		3		3		3		3	
1/4	3,254.13	1/4	3,585.91	1/4	3,914.07	1/4	4,226.80	1/4	4,530.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,261.04	1/2	3,592.82	1/2	3,920.76	1/2	4,233.13	1/2	4,537.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,267.96	3/4	3,599.73	3/4	3,927.44	3/4	4,239.47	3/4	4,544.44	3/4		3/4		3/4		3/4		3/4	
4	3,274.87	4	3,606.64	4	3,934.13	4	4,245.80	4	4,551.23	4		4		4		4		4	
1/4	3,281.78	1/4	3,613.56	1/4	3,940.80	1/4	4,252.11	1/4	4,557.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,288.69	1/2	3,620.47	1/2	3,947.46	1/2	4,258.41	1/2	4,563.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,295.60	3/4	3,627.38	3/4	3,954.12	3/4	4,264.72	3/4	4,569.51	3/4		3/4		3/4		3/4		3/4	
5	3,302.52	5	3,634.29	5	3,960.78	5	4,271.03	5	4,575.60	5		5		5		5		5	
1/4	3,309.43	1/4	3,641.20	1/4	3,967.42	1/4	4,277.31	1/4	4,580.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,316.34	1/2	3,648.12	1/2	3,974.06	1/2	4,283.59	1/2	4,585.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,323.25	3/4	3,655.03	3/4	3,980.69	3/4	4,289.87	3/4	4,590.00	3/4		3/4		3/4		3/4		3/4	
6	3,330.16	6	3,661.94	6	3,987.33	6	4,296.15	6	4,594.79	6		6		6		6		6	
1/4	3,337.08	1/4	3,668.85	1/4	3,993.94	1/4	4,302.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,343.99	1/2	3,675.76	1/2	4,000.55	1/2	4,308.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,350.90	3/4	3,682.66	3/4	4,007.16	3/4	4,314.92	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,357.81	7	3,689.57	7	4,013.77	7	4,321.17	7		7		7		7		7		7	
1/4	3,364.72	1/4	3,696.47	1/4	4,020.35	1/4	4,327.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,371.64	1/2	3,703.36	1/2	4,026.94	1/2	4,333.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,378.55	3/4	3,710.26	3/4	4,033.52	3/4	4,339.86	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,385.46	8	3,717.15	8	4,040.10	8	4,346.09	8		8		8		8		8		8	
1/4	3,392.37	1/4	3,724.03	1/4	4,046.64	1/4	4,352.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,399.28	1/2	3,730.90	1/2	4,053.18	1/2	4,358.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,406.20	3/4	3,737.77	3/4	4,059.71	3/4	4,364.69	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,413.11	9	3,744.64	9	4,066.25	9	4,370.90	9		9		9		9		9		9	
1/4	3,420.02	1/4	3,751.49	1/4	4,072.74	1/4	4,377.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,426.93	1/2	3,758.34	1/2	4,079.23	1/2	4,383.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,433.84	3/4	3,765.18	3/4	4,085.73	3/4	4,389.42	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,440.76	10	3,772.03	10	4,092.22	10	4,395.60	10		10		10		10		10		10	
1/4	3,447.67	1/4	3,778.85	1/4	4,098.68	1/4	4,401.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,454.58	1/2	3,785.67	1/2	4,105.15	1/2	4,407.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,461.49	3/4	3,792.49	3/4	4,111.61	3/4	4,414.05	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,468.40	11	3,799.31	11	4,118.08	11	4,420.20	11		11		11		11		11		11	
1/4	3,475.32	1/4	3,806.10	1/4	4,124.52	1/4	4,426.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,482.23	1/2	3,812.90	1/2	4,130.95	1/2	4,432.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,489.14	3/4	3,819.69	3/4	4,137.39	3/4	4,438.57	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

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



BARGE "KIRBY 28095"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.86	0	388.92	0	777.26	0	1,165.19	0	1,553.74	0	1,942.28	0	2,330.83	0	2,719.34	0	3,107.74	0	3,496.14
1/4	19.25	1/4	397.01	1/4	785.33	1/4	1,173.29	1/4	1,561.83	1/4	1,950.38	1/4	2,338.92	1/4	2,727.43	1/4	3,115.83	1/4	3,504.23
1/2	24.65	1/2	405.10	1/2	793.40	1/2	1,181.38	1/2	1,569.93	1/2	1,958.47	1/2	2,347.02	1/2	2,735.53	1/2	3,123.92	1/2	3,512.32
3/4	30.05	3/4	413.20	3/4	801.47	3/4	1,189.48	3/4	1,578.02	3/4	1,966.57	3/4	2,355.11	3/4	2,743.62	3/4	3,132.01	3/4	3,520.41
1	35.44	1	421.29	1	809.54	1	1,197.57	1	1,586.12	1	1,974.66	1	2,363.21	1	2,751.71	1	3,140.11	1	3,528.50
1/4	42.86	1/4	429.38	1/4	817.61	1/4	1,205.67	1/4	1,594.21	1/4	1,982.76	1/4	2,371.30	1/4	2,759.80	1/4	3,148.20	1/4	3,536.59
1/2	50.28	1/2	437.47	1/2	825.68	1/2	1,213.76	1/2	1,602.31	1/2	1,990.85	1/2	2,379.40	1/2	2,767.89	1/2	3,156.29	1/2	3,544.69
3/4	57.70	3/4	445.56	3/4	833.75	3/4	1,221.86	3/4	1,610.40	3/4	1,998.95	3/4	2,387.49	3/4	2,775.98	3/4	3,164.38	3/4	3,552.78
2	65.12	2	453.65	2	841.82	2	1,229.95	2	1,618.50	2	2,007.04	2	2,395.59	2	2,784.07	2	3,172.47	2	3,560.87
1/4	73.22	1/4	461.74	1/4	849.90	1/4	1,238.04	1/4	1,626.59	1/4	2,015.14	1/4	2,403.68	1/4	2,792.17	1/4	3,180.56	1/4	3,568.96
1/2	81.31	1/2	469.83	1/2	857.97	1/2	1,246.14	1/2	1,634.68	1/2	2,023.23	1/2	2,411.78	1/2	2,800.26	1/2	3,188.65	1/2	3,577.05
3/4	89.41	3/4	477.92	3/4	866.04	3/4	1,254.23	3/4	1,642.78	3/4	2,031.33	3/4	2,419.87	3/4	2,808.35	3/4	3,196.75	3/4	3,585.14
3	97.50	3	486.01	3	874.11	3	1,262.33	3	1,650.87	3	2,039.42	3	2,427.97	3	2,816.44	3	3,204.84	3	3,593.23
1/4	105.60	1/4	494.10	1/4	882.19	1/4	1,270.42	1/4	1,658.97	1/4	2,047.51	1/4	2,436.06	1/4	2,824.53	1/4	3,212.93	1/4	3,601.33
1/2	113.69	1/2	502.20	1/2	890.26	1/2	1,278.52	1/2	1,667.06	1/2	2,055.61	1/2	2,444.15	1/2	2,832.62	1/2	3,221.02	1/2	3,609.42
3/4	121.79	3/4	510.29	3/4	898.33	3/4	1,286.61	3/4	1,675.16	3/4	2,063.70	3/4	2,452.25	3/4	2,840.72	3/4	3,229.11	3/4	3,617.51
4	129.88	4	518.39	4	906.41	4	1,294.71	4	1,683.25	4	2,071.80	4	2,460.34	4	2,848.81	4	3,237.20	4	3,625.60
1/4	137.98	1/4	526.48	1/4	914.48	1/4	1,302.80	1/4	1,691.35	1/4	2,079.89	1/4	2,468.44	1/4	2,856.90	1/4	3,245.30	1/4	3,633.70
1/2	146.07	1/2	534.57	1/2	922.55	1/2	1,310.90	1/2	1,699.44	1/2	2,087.99	1/2	2,476.53	1/2	2,864.99	1/2	3,253.39	1/2	3,641.79
3/4	154.17	3/4	542.67	3/4	930.62	3/4	1,318.99	3/4	1,707.54	3/4	2,096.08	3/4	2,484.63	3/4	2,873.08	3/4	3,261.48	3/4	3,649.88
5	162.26	5	550.76	5	938.70	5	1,327.09	5	1,715.63	5	2,104.18	5	2,492.72	5	2,881.17	5	3,269.57	5	3,657.98
1/4	170.36	1/4	558.86	1/4	946.77	1/4	1,335.18	1/4	1,723.73	1/4	2,112.27	1/4	2,500.82	1/4	2,889.27	1/4	3,277.66	1/4	3,666.07
1/2	178.45	1/2	566.95	1/2	954.84	1/2	1,343.28	1/2	1,731.82	1/2	2,120.37	1/2	2,508.91	1/2	2,897.36	1/2	3,285.75	1/2	3,674.16
3/4	186.55	3/4	575.05	3/4	962.92	3/4	1,351.37	3/4	1,739.92	3/4	2,128.46	3/4	2,517.01	3/4	2,905.45	3/4	3,293.85	3/4	3,682.25
6	194.64	6	583.14	6	970.99	6	1,359.47	6	1,748.01	6	2,136.56	6	2,525.10	6	2,913.54	6	3,301.94	6	3,690.35
1/4	202.74	1/4	591.24	1/4	979.07	1/4	1,367.56	1/4	1,756.11	1/4	2,144.65	1/4	2,533.20	1/4	2,921.63	1/4	3,310.03	1/4	3,698.44
1/2	210.83	1/2	599.33	1/2	987.15	1/2	1,375.65	1/2	1,764.20	1/2	2,152.75	1/2	2,541.29	1/2	2,929.72	1/2	3,318.12	1/2	3,706.53
3/4	218.93	3/4	607.43	3/4	995.23	3/4	1,383.75	3/4	1,772.29	3/4	2,160.84	3/4	2,549.39	3/4	2,937.82	3/4	3,326.21	3/4	3,714.62
7	227.02	7	615.52	7	1,003.31	7	1,391.84	7	1,780.39	7	2,168.94	7	2,557.48	7	2,945.91	7	3,334.30	7	3,722.71
1/4	235.11	1/4	623.62	1/4	1,011.40	1/4	1,399.94	1/4	1,788.48	1/4	2,177.03	1/4	2,565.58	1/4	2,954.00	1/4	3,342.40	1/4	3,730.80
1/2	243.21	1/2	631.71	1/2	1,019.49	1/2	1,408.03	1/2	1,796.58	1/2	2,185.12	1/2	2,573.68	1/2	2,962.09	1/2	3,350.49	1/2	3,738.89
3/4	251.30	3/4	639.81	3/4	1,027.59	3/4	1,416.13	3/4	1,804.67	3/4	2,193.22	3/4	2,581.78	3/4	2,970.18	3/4	3,358.58	3/4	3,746.99
8	259.40	8	647.90	8	1,035.68	8	1,424.22	8	1,812.77	8	2,201.31	8	2,589.88	8	2,978.27	8	3,366.67	8	3,755.08
1/4	267.49	1/4	655.99	1/4	1,043.77	1/4	1,432.32	1/4	1,820.86	1/4	2,209.41	1/4	2,597.97	1/4	2,986.36	1/4	3,374.76	1/4	3,763.17
1/2	275.59	1/2	664.09	1/2	1,051.87	1/2	1,440.41	1/2	1,828.96	1/2	2,217.50	1/2	2,606.06	1/2	2,994.46	1/2	3,382.85	1/2	3,771.26
3/4	283.68	3/4	672.18	3/4	1,059.96	3/4	1,448.51	3/4	1,837.05	3/4	2,225.60	3/4	2,614.15	3/4	3,002.55	3/4	3,390.94	3/4	3,779.35
9	291.78	9	680.28	9	1,068.06	9	1,456.60	9	1,845.15	9	2,233.69	9	2,622.24	9	3,010.64	9	3,399.04	9	3,787.44
1/4	299.87	1/4	688.37	1/4	1,076.15	1/4	1,464.70	1/4	1,853.24	1/4	2,241.79	1/4	2,630.33	1/4	3,018.73	1/4	3,407.13	1/4	3,795.53
1/2	307.97	1/2	696.46	1/2	1,084.25	1/2	1,472.79	1/2	1,861.34	1/2	2,249.88	1/2	2,638.43	1/2	3,026.82	1/2	3,415.22	1/2	3,803.63
3/4	316.06	3/4	704.55	3/4	1,092.34	3/4	1,480.89	3/4	1,869.43	3/4	2,257.98	3/4	2,646.52	3/4	3,034.91	3/4	3,423.31	3/4	3,811.72
10	324.16	10	712.65	10	1,100.43	10	1,488.98	10	1,877.53	10	2,266.07	10	2,654.61	10	3,043.01	10	3,431.40	10	3,819.81
1/4	332.25	1/4	720.73	1/4	1,108.53	1/4	1,497.07	1/4	1,885.62	1/4	2,274.17	1/4	2,662.70	1/4	3,051.10	1/4	3,439.49	1/4	3,827.90
1/2	340.35	1/2	728.81	1/2	1,116.62	1/2	1,505.17	1/2	1,893.72	1/2	2,282.26	1/2	2,670.79	1/2	3,059.19	1/2	3,447.59	1/2	3,835.99
3/4	348.44	3/4	736.89	3/4	1,124.72	3/4	1,513.26	3/4	1,901.81	3/4	2,290.36	3/4	2,678.88	3/4	3,067.28	3/4	3,455.68	3/4	3,844.08
11	356.54	11	744.97	11	1,132.81	11	1,521.36	11	1,909.90	11	2,298.45	11	2,686.98	11	3,075.37	11	3,463.77	11	3,852.18
1/4	364.63	1/4	753.04	1/4	1,140.91	1/4	1,529.45	1/4	1,918.00	1/4	2,306.54	1/4	2,695.07	1/4	3,083.46	1/4	3,471.86	1/4	3,860.27
1/2	372.73	1/2	761.11	1/2	1,149.00	1/2	1,537.55	1/2	1,926.09	1/2	2,314.64	1/2	2,703.16	1/2	3,091.56	1/2	3,479.95	1/2	3,868.36
3/4	380.82	3/4	769.18	3/4	1,157.10	3/4	1,545.64	3/4	1,934.19	3/4	2,322.73	3/4	2,711.25	3/4	3,099.65	3/4	3,488.04	3/4	3,876.45

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 50'-07" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28095"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,884.54	0	4,272.93	0	4,659.77	0	5,031.27	0	5,383.46	0		0		0		0		0	
1/4	3,892.63	1/4	4,281.02	1/4	4,667.69	1/4	5,038.78	1/4	5,390.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,900.72	1/2	4,289.12	1/2	4,675.61	1/2	5,046.28	1/2	5,398.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,908.82	3/4	4,297.21	3/4	4,683.53	3/4	5,053.79	3/4	5,405.58	3/4		3/4		3/4		3/4		3/4	
1	3,916.91	1	4,305.30	1	4,691.46	1	5,061.29	1	5,412.95	1		1		1		1		1	
1/4	3,925.00	1/4	4,313.39	1/4	4,699.35	1/4	5,068.77	1/4	5,420.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,933.09	1/2	4,321.48	1/2	4,707.24	1/2	5,076.25	1/2	5,428.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,941.18	3/4	4,329.57	3/4	4,715.13	3/4	5,083.72	3/4	5,436.40	3/4		3/4		3/4		3/4		3/4	
2	3,949.27	2	4,337.67	2	4,723.02	2	5,091.20	2	5,444.22	2		2		2		2		2	
1/4	3,957.36	1/4	4,345.76	1/4	4,730.88	1/4	5,098.64	1/4	5,452.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,965.46	1/2	4,353.85	1/2	4,738.74	1/2	5,106.09	1/2	5,460.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,973.55	3/4	4,361.94	3/4	4,746.61	3/4	5,113.53	3/4	5,468.35	3/4		3/4		3/4		3/4		3/4	
3	3,981.64	3	4,370.03	3	4,754.47	3	5,120.98	3	5,476.40	3		3		3		3		3	
1/4	3,989.73	1/4	4,378.12	1/4	4,762.30	1/4	5,128.39	1/4	5,484.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,997.82	1/2	4,386.21	1/2	4,770.13	1/2	5,135.81	1/2	5,492.28	1/2		1/2		1/2		1/2		1/2	
3/4	4,005.91	3/4	4,394.31	3/4	4,777.96	3/4	5,143.22	3/4	5,500.23	3/4		3/4		3/4		3/4		3/4	
4	4,014.01	4	4,402.40	4	4,785.79	4	5,150.63	4	5,508.17	4		4		4		4		4	
1/4	4,022.10	1/4	4,410.49	1/4	4,793.59	1/4	5,158.02	1/4	5,515.31	1/4		1/4		1/4		1/4		1/4	
1/2	4,030.19	1/2	4,418.58	1/2	4,801.39	1/2	5,165.40	1/2	5,522.44	1/2		1/2		1/2		1/2		1/2	
3/4	4,038.28	3/4	4,426.67	3/4	4,809.19	3/4	5,172.78	3/4	5,529.58	3/4		3/4		3/4		3/4		3/4	
5	4,046.37	5	4,434.76	5	4,816.99	5	5,180.17	5	5,536.71	5		5		5		5		5	
1/4	4,054.46	1/4	4,442.85	1/4	4,824.75	1/4	5,187.52	1/4	5,542.33	1/4		1/4		1/4		1/4		1/4	
1/2	4,062.55	1/2	4,450.95	1/2	4,832.52	1/2	5,194.87	1/2	5,547.94	1/2		1/2		1/2		1/2		1/2	
3/4	4,070.65	3/4	4,459.04	3/4	4,840.29	3/4	5,202.22	3/4	5,553.56	3/4		3/4		3/4		3/4		3/4	
6	4,078.74	6	4,467.13	6	4,848.06	6	5,209.58	6	5,559.17	6		6		6		6		6	
1/4	4,086.83	1/4	4,475.22	1/4	4,855.80	1/4	5,216.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,094.92	1/2	4,483.31	1/2	4,863.54	1/2	5,224.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,103.01	3/4	4,491.40	3/4	4,871.28	3/4	5,231.54	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,111.10	7	4,499.49	7	4,879.01	7	5,238.87	7		7		7		7		7		7	
1/4	4,119.19	1/4	4,507.56	1/4	4,886.72	1/4	5,246.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,127.29	1/2	4,515.63	1/2	4,894.43	1/2	5,253.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,135.38	3/4	4,523.70	3/4	4,902.14	3/4	5,260.74	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,143.47	8	4,531.78	8	4,909.84	8	5,268.03	8		8		8		8		8		8	
1/4	4,151.56	1/4	4,539.82	1/4	4,917.50	1/4	5,275.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,159.65	1/2	4,547.87	1/2	4,925.15	1/2	5,282.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,167.74	3/4	4,555.91	3/4	4,932.80	3/4	5,289.81	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,175.84	9	4,563.96	9	4,940.45	9	5,297.07	9		9		9		9		9		9	
1/4	4,183.93	1/4	4,571.97	1/4	4,948.05	1/4	5,304.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,192.02	1/2	4,579.99	1/2	4,955.65	1/2	5,311.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,200.11	3/4	4,588.00	3/4	4,963.25	3/4	5,318.76	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,208.20	10	4,596.02	10	4,970.85	10	5,325.99	10		10		10		10		10		10	
1/4	4,216.29	1/4	4,604.00	1/4	4,978.42	1/4	5,333.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,224.38	1/2	4,611.99	1/2	4,985.98	1/2	5,340.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,232.48	3/4	4,619.97	3/4	4,993.55	3/4	5,347.59	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,240.57	11	4,627.95	11	5,001.12	11	5,354.79	11		11		11		11		11		11	
1/4	4,248.66	1/4	4,635.91	1/4	5,008.66	1/4	5,361.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,256.75	1/2	4,643.86	1/2	5,016.19	1/2	5,369.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,264.84	3/4	4,651.81	3/4	5,023.73	3/4	5,376.29	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

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



BARGE "KIRBY 28095"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.85	0	388.83	0	772.80	0	1,145.95	0	1,527.67	0	1,916.14	0	2,304.60	0	2,693.02	0	3,081.33	0	3,469.65
1/4	19.25	1/4	396.92	1/4	780.56	1/4	1,153.73	1/4	1,535.77	1/4	1,924.23	1/4	2,312.69	1/4	2,701.11	1/4	3,089.42	1/4	3,477.74
1/2	24.64	1/2	405.01	1/2	788.32	1/2	1,161.52	1/2	1,543.86	1/2	1,932.32	1/2	2,320.79	1/2	2,709.20	1/2	3,097.51	1/2	3,485.83
3/4	30.04	3/4	413.10	3/4	796.08	3/4	1,169.31	3/4	1,551.95	3/4	1,940.42	3/4	2,328.88	3/4	2,717.29	3/4	3,105.60	3/4	3,493.92
1	35.44	1	421.20	1	803.84	1	1,177.09	1	1,560.05	1	1,948.51	1	2,336.97	1	2,725.38	1	3,113.69	1	3,502.01
1/4	42.85	1/4	429.29	1/4	811.61	1/4	1,184.88	1/4	1,568.14	1/4	1,956.60	1/4	2,345.07	1/4	2,733.47	1/4	3,121.78	1/4	3,510.10
1/2	50.27	1/2	437.37	1/2	819.37	1/2	1,192.67	1/2	1,576.23	1/2	1,964.70	1/2	2,353.16	1/2	2,741.56	1/2	3,129.87	1/2	3,518.19
3/4	57.69	3/4	445.46	3/4	827.14	3/4	1,200.45	3/4	1,584.32	3/4	1,972.79	3/4	2,361.25	3/4	2,749.65	3/4	3,137.96	3/4	3,526.28
2	65.11	2	453.55	2	834.90	2	1,208.24	2	1,592.42	2	1,980.88	2	2,369.35	2	2,757.74	2	3,146.05	2	3,534.37
1/4	73.20	1/4	461.64	1/4	842.66	1/4	1,216.03	1/4	1,600.51	1/4	1,988.97	1/4	2,377.44	1/4	2,765.83	1/4	3,154.14	1/4	3,542.46
1/2	81.30	1/2	469.73	1/2	850.43	1/2	1,223.81	1/2	1,608.60	1/2	1,997.07	1/2	2,385.53	1/2	2,773.92	1/2	3,162.23	1/2	3,550.55
3/4	89.39	3/4	477.82	3/4	858.19	3/4	1,231.60	3/4	1,616.70	3/4	2,005.16	3/4	2,393.62	3/4	2,782.01	3/4	3,170.32	3/4	3,558.64
3	97.48	3	485.90	3	865.96	3	1,239.39	3	1,624.79	3	2,013.25	3	2,401.72	3	2,790.10	3	3,178.41	3	3,566.73
1/4	105.57	1/4	494.00	1/4	873.72	1/4	1,247.17	1/4	1,632.88	1/4	2,021.35	1/4	2,409.81	1/4	2,798.19	1/4	3,186.50	1/4	3,574.82
1/2	113.67	1/2	502.09	1/2	881.49	1/2	1,254.96	1/2	1,640.98	1/2	2,029.44	1/2	2,417.90	1/2	2,806.27	1/2	3,194.59	1/2	3,582.91
3/4	121.76	3/4	510.18	3/4	889.25	3/4	1,262.75	3/4	1,649.07	3/4	2,037.53	3/4	2,426.00	3/4	2,814.36	3/4	3,202.68	3/4	3,591.00
4	129.85	4	518.27	4	897.02	4	1,270.53	4	1,657.16	4	2,045.63	4	2,434.09	4	2,822.45	4	3,210.77	4	3,599.09
1/4	137.95	1/4	526.36	1/4	904.78	1/4	1,278.32	1/4	1,665.25	1/4	2,053.72	1/4	2,442.18	1/4	2,830.54	1/4	3,218.86	1/4	3,607.18
1/2	146.04	1/2	534.46	1/2	912.55	1/2	1,286.11	1/2	1,673.35	1/2	2,061.81	1/2	2,450.28	1/2	2,838.63	1/2	3,226.95	1/2	3,615.27
3/4	154.13	3/4	542.55	3/4	920.31	3/4	1,293.89	3/4	1,681.44	3/4	2,069.90	3/4	2,458.37	3/4	2,846.72	3/4	3,235.04	3/4	3,623.36
5	162.23	5	550.64	5	928.08	5	1,301.68	5	1,689.53	5	2,078.00	5	2,466.46	5	2,854.81	5	3,243.13	5	3,631.45
1/4	170.32	1/4	558.74	1/4	935.84	1/4	1,309.62	1/4	1,697.63	1/4	2,086.09	1/4	2,474.55	1/4	2,862.90	1/4	3,251.22	1/4	3,639.54
1/2	178.41	1/2	566.83	1/2	943.61	1/2	1,317.56	1/2	1,705.72	1/2	2,094.18	1/2	2,482.65	1/2	2,870.99	1/2	3,259.31	1/2	3,647.63
3/4	186.50	3/4	574.92	3/4	951.37	3/4	1,325.50	3/4	1,713.81	3/4	2,102.28	3/4	2,490.74	3/4	2,879.08	3/4	3,267.40	3/4	3,655.72
6	194.60	6	583.01	6	959.14	6	1,333.44	6	1,721.91	6	2,110.37	6	2,498.83	6	2,887.17	6	3,275.49	6	3,663.81
1/4	202.69	1/4	591.11	1/4	966.91	1/4	1,341.53	1/4	1,730.00	1/4	2,118.46	1/4	2,506.93	1/4	2,895.26	1/4	3,283.58	1/4	3,671.90
1/2	210.78	1/2	599.20	1/2	974.68	1/2	1,349.63	1/2	1,738.09	1/2	2,126.56	1/2	2,515.02	1/2	2,903.35	1/2	3,291.67	1/2	3,679.99
3/4	218.88	3/4	607.29	3/4	982.45	3/4	1,357.72	3/4	1,746.18	3/4	2,134.65	3/4	2,523.11	3/4	2,911.44	3/4	3,299.76	3/4	3,688.08
7	226.97	7	615.39	7	990.23	7	1,365.81	7	1,754.28	7	2,142.74	7	2,531.21	7	2,919.53	7	3,307.85	7	3,696.17
1/4	235.06	1/4	623.48	1/4	998.01	1/4	1,373.91	1/4	1,762.37	1/4	2,150.83	1/4	2,539.30	1/4	2,927.62	1/4	3,315.94	1/4	3,704.26
1/2	243.16	1/2	631.57	1/2	1,005.79	1/2	1,382.00	1/2	1,770.46	1/2	2,158.93	1/2	2,547.39	1/2	2,935.71	1/2	3,324.03	1/2	3,712.35
3/4	251.25	3/4	639.67	3/4	1,013.58	3/4	1,390.09	3/4	1,778.56	3/4	2,167.02	3/4	2,555.49	3/4	2,943.80	3/4	3,332.12	3/4	3,720.44
8	259.34	8	647.76	8	1,021.36	8	1,398.19	8	1,786.65	8	2,175.11	8	2,563.58	8	2,951.89	8	3,340.21	8	3,728.53
1/4	267.43	1/4	655.70	1/4	1,029.15	1/4	1,406.28	1/4	1,794.74	1/4	2,183.21	1/4	2,571.67	1/4	2,959.98	1/4	3,348.30	1/4	3,736.62
1/2	275.53	1/2	663.64	1/2	1,036.93	1/2	1,414.37	1/2	1,802.84	1/2	2,191.30	1/2	2,579.76	1/2	2,968.07	1/2	3,356.39	1/2	3,744.71
3/4	283.62	3/4	671.58	3/4	1,044.72	3/4	1,422.46	3/4	1,810.93	3/4	2,199.39	3/4	2,587.85	3/4	2,976.16	3/4	3,364.48	3/4	3,752.79
9	291.71	9	679.52	9	1,052.51	9	1,430.56	9	1,819.02	9	2,207.49	9	2,595.94	9	2,984.25	9	3,372.57	9	3,760.88
1/4	299.81	1/4	687.30	1/4	1,060.29	1/4	1,438.65	1/4	1,827.11	1/4	2,215.58	1/4	2,604.03	1/4	2,992.34	1/4	3,380.66	1/4	3,768.97
1/2	307.90	1/2	695.09	1/2	1,068.08	1/2	1,446.74	1/2	1,835.21	1/2	2,223.67	1/2	2,612.12	1/2	3,000.43	1/2	3,388.75	1/2	3,777.06
3/4	315.99	3/4	702.87	3/4	1,075.87	3/4	1,454.84	3/4	1,843.30	3/4	2,231.76	3/4	2,620.21	3/4	3,008.52	3/4	3,396.84	3/4	3,785.15
10	324.09	10	710.65	10	1,083.65	10	1,462.93	10	1,851.39	10	2,239.86	10	2,628.30	10	3,016.61	10	3,404.93	10	3,793.24
1/4	332.18	1/4	718.42	1/4	1,091.44	1/4	1,471.02	1/4	1,859.49	1/4	2,247.95	1/4	2,636.39	1/4	3,024.70	1/4	3,413.02	1/4	3,801.33
1/2	340.27	1/2	726.20	1/2	1,099.23	1/2	1,479.12	1/2	1,867.58	1/2	2,256.04	1/2	2,644.48	1/2	3,032.79	1/2	3,421.11	1/2	3,809.42
3/4	348.36	3/4	733.97	3/4	1,107.01	3/4	1,487.21	3/4	1,875.67	3/4	2,264.14	3/4	2,652.57	3/4	3,040.88	3/4	3,429.20	3/4	3,817.51
11	356.46	11	741.74	11	1,114.80	11	1,495.30	11	1,883.77	11	2,272.23	11	2,660.66	11	3,048.97	11	3,437.29	11	3,825.60
1/4	364.55	1/4	749.51	1/4	1,122.59	1/4	1,503.39	1/4	1,891.86	1/4	2,280.32	1/4	2,668.75	1/4	3,057.06	1/4	3,445.38	1/4	3,833.69
1/2	372.64	1/2	757.27	1/2	1,130.37	1/2	1,511.49	1/2	1,899.95	1/2	2,288.42	1/2	2,676.84	1/2	3,065.15	1/2	3,453.47	1/2	3,841.78
3/4	380.74	3/4	765.03	3/4	1,138.16	3/4	1,519.58	3/4	1,908.04	3/4	2,296.51	3/4	2,684.93	3/4	3,073.24	3/4	3,461.56	3/4	3,849.87

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 50'-07" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28095"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,857.96	0	4,246.27	0	4,633.02	0	5,004.45	0	5,356.60	0		0		0		0		0	
1/4	3,866.05	1/4	4,254.36	1/4	4,640.94	1/4	5,011.96	1/4	5,363.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,874.14	1/2	4,262.45	1/2	4,648.86	1/2	5,019.46	1/2	5,371.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,882.23	3/4	4,270.54	3/4	4,656.78	3/4	5,026.97	3/4	5,378.71	3/4		3/4		3/4		3/4		3/4	
1	3,890.32	1	4,278.63	1	4,664.70	1	5,034.47	1	5,386.08	1		1		1		1		1	
1/4	3,898.41	1/4	4,286.72	1/4	4,672.59	1/4	5,041.95	1/4	5,393.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,906.50	1/2	4,294.81	1/2	4,680.48	1/2	5,049.42	1/2	5,401.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,914.59	3/4	4,302.90	3/4	4,688.37	3/4	5,056.90	3/4	5,409.53	3/4		3/4		3/4		3/4		3/4	
2	3,922.68	2	4,310.99	2	4,696.26	2	5,064.37	2	5,417.35	2		2		2		2		2	
1/4	3,930.77	1/4	4,319.08	1/4	4,704.12	1/4	5,071.82	1/4	5,425.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,938.86	1/2	4,327.17	1/2	4,711.98	1/2	5,079.26	1/2	5,433.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,946.95	3/4	4,335.26	3/4	4,719.84	3/4	5,086.70	3/4	5,441.48	3/4		3/4		3/4		3/4		3/4	
3	3,955.04	3	4,343.35	3	4,727.70	3	5,094.15	3	5,449.52	3		3		3		3		3	
1/4	3,963.13	1/4	4,351.44	1/4	4,735.53	1/4	5,101.56	1/4	5,457.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,971.22	1/2	4,359.53	1/2	4,743.36	1/2	5,108.97	1/2	5,465.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,979.31	3/4	4,367.62	3/4	4,751.18	3/4	5,116.39	3/4	5,473.34	3/4		3/4		3/4		3/4		3/4	
4	3,987.40	4	4,375.71	4	4,759.01	4	5,123.80	4	5,481.28	4		4		4		4		4	
1/4	3,995.49	1/4	4,383.80	1/4	4,766.81	1/4	5,131.18	1/4	5,488.42	1/4		1/4		1/4		1/4		1/4	
1/2	4,003.58	1/2	4,391.89	1/2	4,774.61	1/2	5,138.57	1/2	5,495.55	1/2		1/2		1/2		1/2		1/2	
3/4	4,011.67	3/4	4,399.98	3/4	4,782.41	3/4	5,145.95	3/4	5,502.68	3/4		3/4		3/4		3/4		3/4	
5	4,019.76	5	4,408.07	5	4,790.21	5	5,153.33	5	5,509.81	5		5		5		5		5	
1/4	4,027.85	1/4	4,416.16	1/4	4,797.97	1/4	5,160.68	1/4	5,515.43	1/4		1/4		1/4		1/4		1/4	
1/2	4,035.94	1/2	4,424.25	1/2	4,805.74	1/2	5,168.03	1/2	5,521.04	1/2		1/2		1/2		1/2		1/2	
3/4	4,044.03	3/4	4,432.34	3/4	4,813.51	3/4	5,175.39	3/4	5,526.66	3/4		3/4		3/4		3/4		3/4	
6	4,052.12	6	4,440.43	6	4,821.28	6	5,182.74	6	5,532.27	6		6		6		6		6	
1/4	4,060.21	1/4	4,448.51	1/4	4,829.01	1/4	5,190.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,068.30	1/2	4,456.60	1/2	4,836.75	1/2	5,197.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,076.39	3/4	4,464.69	3/4	4,844.49	3/4	5,204.70	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,084.48	7	4,472.77	7	4,852.22	7	5,212.02	7		7		7		7		7		7	
1/4	4,092.57	1/4	4,480.84	1/4	4,859.93	1/4	5,219.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,100.66	1/2	4,488.91	1/2	4,867.63	1/2	5,226.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,108.75	3/4	4,496.98	3/4	4,875.34	3/4	5,233.89	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,116.84	8	4,505.05	8	4,883.05	8	5,241.18	8		8		8		8		8		8	
1/4	4,124.93	1/4	4,513.10	1/4	4,890.70	1/4	5,248.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,133.02	1/2	4,521.14	1/2	4,898.35	1/2	5,255.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,141.11	3/4	4,529.19	3/4	4,906.00	3/4	5,262.96	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,149.20	9	4,537.23	9	4,913.65	9	5,270.22	9		9		9		9		9		9	
1/4	4,157.28	1/4	4,545.24	1/4	4,921.25	1/4	5,277.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,165.37	1/2	4,553.25	1/2	4,928.85	1/2	5,284.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,173.46	3/4	4,561.27	3/4	4,936.44	3/4	5,291.91	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,181.55	10	4,569.28	10	4,944.04	10	5,299.14	10		10		10		10		10		10	
1/4	4,189.64	1/4	4,577.26	1/4	4,951.61	1/4	5,306.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,197.73	1/2	4,585.25	1/2	4,959.18	1/2	5,313.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,205.82	3/4	4,593.23	3/4	4,966.74	3/4	5,320.73	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,213.91	11	4,601.21	11	4,974.31	11	5,327.93	11		11		11		11		11		11	
1/4	4,222.00	1/4	4,609.16	1/4	4,981.84	1/4	5,335.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,230.09	1/2	4,617.11	1/2	4,989.38	1/2	5,342.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,238.18	3/4	4,625.06	3/4	4,996.92	3/4	5,349.43	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

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





BARGE "KIRBY 28095"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.93	0	362.14	0	720.94	0	1,075.38	0	1,436.99	0	1,798.57	0	2,159.65	0	2,521.12	0	2,882.41	0	3,243.70
1/4	17.95	1/4	369.67	1/4	728.26	1/4	1,082.92	1/4	1,444.52	1/4	1,806.11	1/4	2,167.17	1/4	2,528.65	1/4	2,889.94	1/4	3,251.23
1/2	22.98	1/2	377.21	1/2	735.58	1/2	1,090.45	1/2	1,452.05	1/2	1,813.64	1/2	2,174.69	1/2	2,536.17	1/2	2,897.47	1/2	3,258.76
3/4	28.00	3/4	384.74	3/4	742.89	3/4	1,097.99	3/4	1,459.59	3/4	1,821.17	3/4	2,182.21	3/4	2,543.70	3/4	2,904.99	3/4	3,266.28
1	33.03	1	392.27	1	750.21	1	1,105.52	1	1,467.12	1	1,828.71	1	2,189.73	1	2,551.23	1	2,912.52	1	3,273.81
1/4	39.93	1/4	399.81	1/4	757.52	1/4	1,113.05	1/4	1,474.65	1/4	1,836.24	1/4	2,197.25	1/4	2,558.76	1/4	2,920.05	1/4	3,281.34
1/2	46.84	1/2	407.34	1/2	764.84	1/2	1,120.59	1/2	1,482.18	1/2	1,843.77	1/2	2,204.77	1/2	2,566.28	1/2	2,927.57	1/2	3,288.86
3/4	53.75	3/4	414.87	3/4	772.16	3/4	1,128.12	3/4	1,489.72	3/4	1,851.31	3/4	2,212.29	3/4	2,573.81	3/4	2,935.10	3/4	3,296.39
2	60.66	2	422.40	2	779.48	2	1,135.65	2	1,497.25	2	1,858.84	2	2,219.81	2	2,581.34	2	2,942.63	2	3,303.92
1/4	68.20	1/4	429.94	1/4	786.80	1/4	1,143.19	1/4	1,504.78	1/4	1,866.36	1/4	2,227.34	1/4	2,588.86	1/4	2,950.15	1/4	3,311.44
1/2	75.73	1/2	437.47	1/2	794.11	1/2	1,150.72	1/2	1,512.32	1/2	1,873.89	1/2	2,234.87	1/2	2,596.39	1/2	2,957.68	1/2	3,318.97
3/4	83.27	3/4	445.00	3/4	801.43	3/4	1,158.25	3/4	1,519.85	3/4	1,881.41	3/4	2,242.40	3/4	2,603.92	3/4	2,965.21	3/4	3,326.50
3	90.81	3	452.53	3	808.75	3	1,165.79	3	1,527.38	3	1,888.94	3	2,249.92	3	2,611.44	3	2,972.73	3	3,334.03
1/4	98.34	1/4	460.07	1/4	816.07	1/4	1,173.32	1/4	1,534.92	1/4	1,896.46	1/4	2,257.46	1/4	2,618.97	1/4	2,980.26	1/4	3,341.55
1/2	105.88	1/2	467.60	1/2	823.39	1/2	1,180.86	1/2	1,542.45	1/2	1,903.98	1/2	2,265.00	1/2	2,626.50	1/2	2,987.79	1/2	3,349.08
3/4	113.42	3/4	475.14	3/4	830.71	3/4	1,188.39	3/4	1,549.98	3/4	1,911.50	3/4	2,272.53	3/4	2,634.02	3/4	2,995.32	3/4	3,356.61
4	120.96	4	482.67	4	838.03	4	1,195.92	4	1,557.52	4	1,919.02	4	2,280.07	4	2,641.55	4	3,002.84	4	3,364.13
1/4	128.49	1/4	490.21	1/4	845.35	1/4	1,203.46	1/4	1,565.05	1/4	1,926.54	1/4	2,287.61	1/4	2,649.08	1/4	3,010.37	1/4	3,371.61
1/2	136.03	1/2	497.75	1/2	852.67	1/2	1,210.99	1/2	1,572.58	1/2	1,934.06	1/2	2,295.14	1/2	2,656.60	1/2	3,017.90	1/2	3,379.08
3/4	143.57	3/4	505.28	3/4	859.98	3/4	1,218.52	3/4	1,580.11	3/4	1,941.58	3/4	2,302.68	3/4	2,664.13	3/4	3,025.42	3/4	3,386.55
5	151.10	5	512.82	5	867.30	5	1,226.06	5	1,587.65	5	1,949.10	5	2,310.22	5	2,671.66	5	3,032.95	5	3,394.03
1/4	158.64	1/4	520.36	1/4	874.62	1/4	1,233.59	1/4	1,595.18	1/4	1,956.62	1/4	2,317.75	1/4	2,679.19	1/4	3,040.48	1/4	3,401.44
1/2	166.18	1/2	527.90	1/2	881.94	1/2	1,241.12	1/2	1,602.71	1/2	1,964.14	1/2	2,325.29	1/2	2,686.71	1/2	3,048.00	1/2	3,408.86
3/4	173.71	3/4	535.43	3/4	889.26	3/4	1,248.66	3/4	1,610.25	3/4	1,971.66	3/4	2,332.82	3/4	2,694.24	3/4	3,055.53	3/4	3,416.28
6	181.25	6	542.97	6	896.58	6	1,256.19	6	1,617.78	6	1,979.18	6	2,340.36	6	2,701.77	6	3,063.06	6	3,423.69
1/4	188.79	1/4	550.51	1/4	903.91	1/4	1,263.72	1/4	1,625.31	1/4	1,986.70	1/4	2,347.90	1/4	2,709.29	1/4	3,070.58	1/4	3,431.11
1/2	196.32	1/2	558.04	1/2	911.23	1/2	1,271.26	1/2	1,632.85	1/2	1,994.22	1/2	2,355.43	1/2	2,716.82	1/2	3,078.11	1/2	3,438.52
3/4	203.86	3/4	565.58	3/4	918.56	3/4	1,278.79	3/4	1,640.38	3/4	2,001.74	3/4	2,362.97	3/4	2,724.35	3/4	3,085.64	3/4	3,445.94
7	211.40	7	573.12	7	925.88	7	1,286.33	7	1,647.91	7	2,009.26	7	2,370.51	7	2,731.87	7	3,093.16	7	3,453.36
1/4	218.94	1/4	580.65	1/4	933.22	1/4	1,293.86	1/4	1,655.45	1/4	2,016.78	1/4	2,378.04	1/4	2,739.40	1/4	3,100.69	1/4	3,460.77
1/2	226.47	1/2	588.19	1/2	940.56	1/2	1,301.39	1/2	1,662.98	1/2	2,024.30	1/2	2,385.58	1/2	2,746.93	1/2	3,108.22	1/2	3,468.19
3/4	234.01	3/4	595.73	3/4	947.90	3/4	1,308.92	3/4	1,670.51	3/4	2,031.82	3/4	2,393.11	3/4	2,754.45	3/4	3,115.75	3/4	3,475.60
8	241.55	8	603.26	8	955.23	8	1,316.46	8	1,678.04	8	2,039.34	8	2,400.65	8	2,761.98	8	3,123.27	8	3,483.02
1/4	249.08	1/4	610.70	1/4	962.67	1/4	1,323.99	1/4	1,685.58	1/4	2,046.86	1/4	2,408.18	1/4	2,769.51	1/4	3,130.80	1/4	3,490.44
1/2	256.62	1/2	618.14	1/2	970.11	1/2	1,331.52	1/2	1,693.11	1/2	2,054.37	1/2	2,415.71	1/2	2,777.04	1/2	3,138.33	1/2	3,497.85
3/4	264.16	3/4	625.58	3/4	977.54	3/4	1,339.06	3/4	1,700.64	3/4	2,061.89	3/4	2,423.25	3/4	2,784.56	3/4	3,145.85	3/4	3,505.27
9	271.69	9	633.02	9	984.98	9	1,346.59	9	1,708.18	9	2,069.41	9	2,430.78	9	2,792.09	9	3,153.38	9	3,512.68
1/4	279.23	1/4	640.36	1/4	992.52	1/4	1,354.12	1/4	1,715.71	1/4	2,076.93	1/4	2,438.31	1/4	2,799.62	1/4	3,160.91	1/4	3,520.10
1/2	286.77	1/2	647.69	1/2	1,000.05	1/2	1,361.65	1/2	1,723.24	1/2	2,084.45	1/2	2,445.84	1/2	2,807.14	1/2	3,168.43	1/2	3,527.51
3/4	294.30	3/4	655.03	3/4	1,007.58	3/4	1,369.19	3/4	1,730.78	3/4	2,091.97	3/4	2,453.37	3/4	2,814.67	3/4	3,175.96	3/4	3,534.93
10	301.84	10	662.37	10	1,015.12	10	1,376.72	10	1,738.31	10	2,099.49	10	2,460.91	10	2,822.20	10	3,183.49	10	3,542.35
1/4	309.38	1/4	669.69	1/4	1,022.65	1/4	1,384.25	1/4	1,745.84	1/4	2,107.01	1/4	2,468.43	1/4	2,829.72	1/4	3,191.01	1/4	3,549.82
1/2	316.91	1/2	677.02	1/2	1,030.18	1/2	1,391.79	1/2	1,753.38	1/2	2,114.53	1/2	2,475.96	1/2	2,837.25	1/2	3,198.54	1/2	3,557.29
3/4	324.45	3/4	684.35	3/4	1,037.72	3/4	1,399.32	3/4	1,760.91	3/4	2,122.05	3/4	2,483.49	3/4	2,844.78	3/4	3,206.07	3/4	3,564.76
11	331.99	11	691.67	11	1,045.25	11	1,406.85	11	1,768.44	11	2,129.57	11	2,491.01	11	2,852.30	11	3,213.60	11	3,572.23
1/4	339.53	1/4	698.99	1/4	1,052.78	1/4	1,414.39	1/4	1,775.98	1/4	2,137.09	1/4	2,498.54	1/4	2,859.83	1/4	3,221.12	1/4	3,579.27
1/2	347.06	1/2	706.31	1/2	1,060.32	1/2	1,421.92	1/2	1,783.51	1/2	2,144.61	1/2	2,506.07	1/2	2,867.36	1/2	3,228.65	1/2	3,586.31
3/4	354.60	3/4	713.63	3/4	1,067.85	3/4	1,429.45	3/4	1,791.04	3/4	2,152.13	3/4	2,513.59	3/4	2,874.88	3/4	3,236.18	3/4	3,593.35

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-08" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28095"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,600.39	0	3,869.95	0	4,136.09	0	4,388.11	0	4,621.86	0		0		0		0		0	
1/4	3,606.46	1/4	3,875.53	1/4	4,141.51	1/4	4,393.15	1/4	4,626.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,612.52	1/2	3,881.10	1/2	4,146.92	1/2	4,398.19	1/2	4,631.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,618.59	3/4	3,886.68	3/4	4,152.34	3/4	4,403.23	3/4	4,636.41	3/4		3/4		3/4		3/4		3/4	
1	3,624.65	1	3,892.25	1	4,157.76	1	4,408.27	1	4,641.26	1		1		1		1		1	
1/4	3,630.23	1/4	3,897.83	1/4	4,163.15	1/4	4,413.28	1/4	4,646.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.80	1/2	3,903.40	1/2	4,168.54	1/2	4,418.30	1/2	4,651.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,641.38	3/4	3,908.98	3/4	4,173.93	3/4	4,423.31	3/4	4,657.06	3/4		3/4		3/4		3/4		3/4	
2	3,646.95	2	3,914.55	2	4,179.31	2	4,428.32	2	4,662.32	2		2		2		2		2	
1/4	3,652.53	1/4	3,920.13	1/4	4,184.67	1/4	4,433.31	1/4	4,667.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,658.10	1/2	3,925.70	1/2	4,190.03	1/2	4,438.29	1/2	4,673.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,663.68	3/4	3,931.28	3/4	4,195.39	3/4	4,443.27	3/4	4,678.75	3/4		3/4		3/4		3/4		3/4	
3	3,669.25	3	3,936.85	3	4,200.75	3	4,448.26	3	4,684.23	3		3		3		3		3	
1/4	3,674.83	1/4	3,942.43	1/4	4,206.09	1/4	4,453.21	1/4	4,689.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,680.40	1/2	3,948.00	1/2	4,211.42	1/2	4,458.17	1/2	4,694.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,685.98	3/4	3,953.58	3/4	4,216.75	3/4	4,463.12	3/4	4,700.38	3/4		3/4		3/4		3/4		3/4	
4	3,691.55	4	3,959.15	4	4,222.08	4	4,468.08	4	4,705.76	4		4		4		4		4	
1/4	3,697.13	1/4	3,964.73	1/4	4,227.38	1/4	4,473.00	1/4	4,710.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,702.70	1/2	3,970.30	1/2	4,232.69	1/2	4,477.93	1/2	4,715.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,708.28	3/4	3,975.88	3/4	4,237.99	3/4	4,482.86	3/4	4,719.64	3/4		3/4		3/4		3/4		3/4	
5	3,713.85	5	3,981.45	5	4,243.29	5	4,487.78	5	4,724.27	5		5		5		5		5	
1/4	3,719.43	1/4	3,987.03	1/4	4,248.57	1/4	4,492.68	1/4	4,727.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,725.00	1/2	3,992.60	1/2	4,253.84	1/2	4,497.58	1/2	4,730.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,730.58	3/4	3,998.18	3/4	4,259.12	3/4	4,502.48	3/4	4,733.92	3/4		3/4		3/4		3/4		3/4	
6	3,736.15	6	4,003.75	6	4,264.39	6	4,507.38	6	4,737.13	6		6		6		6		6	
1/4	3,741.73	1/4	4,009.32	1/4	4,269.64	1/4	4,512.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,747.30	1/2	4,014.89	1/2	4,274.88	1/2	4,517.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.88	3/4	4,020.46	3/4	4,280.13	3/4	4,521.98	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,758.45	7	4,026.04	7	4,285.37	7	4,526.85	7		7		7		7		7		7	
1/4	3,764.03	1/4	4,031.59	1/4	4,290.59	1/4	4,531.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,769.60	1/2	4,037.15	1/2	4,295.81	1/2	4,536.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,775.18	3/4	4,042.71	3/4	4,301.02	3/4	4,541.37	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,780.75	8	4,048.26	8	4,306.24	8	4,546.21	8		8		8		8		8		8	
1/4	3,786.33	1/4	4,053.80	1/4	4,311.41	1/4	4,551.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,791.90	1/2	4,059.33	1/2	4,316.58	1/2	4,555.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,797.48	3/4	4,064.86	3/4	4,321.76	3/4	4,560.65	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,803.05	9	4,070.39	9	4,326.93	9	4,565.46	9		9		9		9		9		9	
1/4	3,808.63	1/4	4,075.90	1/4	4,332.05	1/4	4,570.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,814.20	1/2	4,081.40	1/2	4,337.18	1/2	4,574.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,819.78	3/4	4,086.90	3/4	4,342.31	3/4	4,579.71	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,825.35	10	4,092.41	10	4,347.44	10	4,584.46	10		10		10		10		10		10	
1/4	3,830.93	1/4	4,097.88	1/4	4,352.53	1/4	4,589.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.50	1/2	4,103.36	1/2	4,357.63	1/2	4,593.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.08	3/4	4,108.83	3/4	4,362.73	3/4	4,598.53	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,847.65	11	4,114.30	11	4,367.83	11	4,603.22	11		11		11		11		11		11	
1/4	3,853.23	1/4	4,119.75	1/4	4,372.90	1/4	4,607.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.80	1/2	4,125.20	1/2	4,377.97	1/2	4,612.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,864.38	3/4	4,130.64	3/4	4,383.04	3/4	4,617.20	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
 COMPUTED: 07/03/2024 CL
 PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2024

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



BARGE "KIRBY 28095"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.92	0	361.73	0	716.00	0	1,059.85	0	1,420.60	0	1,780.80	0	2,137.26	0	2,497.95	0	2,858.39	0	3,218.93
1/4	17.95	1/4	369.25	1/4	723.01	1/4	1,067.36	1/4	1,428.11	1/4	1,788.22	1/4	2,144.77	1/4	2,505.46	1/4	2,865.90	1/4	3,226.44
1/2	22.97	1/2	376.77	1/2	730.03	1/2	1,074.87	1/2	1,435.63	1/2	1,795.65	1/2	2,152.28	1/2	2,512.96	1/2	2,873.42	1/2	3,233.95
3/4	27.99	3/4	384.29	3/4	737.04	3/4	1,082.38	3/4	1,443.14	3/4	1,803.07	3/4	2,159.78	3/4	2,520.47	3/4	2,880.93	3/4	3,241.46
1	33.02	1	391.82	1	744.06	1	1,089.89	1	1,450.66	1	1,810.50	1	2,167.29	1	2,527.97	1	2,888.44	1	3,248.98
1/4	39.93	1/4	399.34	1/4	751.07	1/4	1,097.41	1/4	1,458.18	1/4	1,817.92	1/4	2,174.79	1/4	2,535.48	1/4	2,895.95	1/4	3,256.49
1/2	46.83	1/2	406.86	1/2	758.09	1/2	1,104.92	1/2	1,465.69	1/2	1,825.35	1/2	2,182.30	1/2	2,542.99	1/2	2,903.46	1/2	3,264.00
3/4	53.74	3/4	414.38	3/4	765.10	3/4	1,112.44	3/4	1,473.21	3/4	1,832.77	3/4	2,189.80	3/4	2,550.49	3/4	2,910.97	3/4	3,271.51
2	60.65	2	421.89	2	772.12	2	1,119.95	2	1,480.72	2	1,840.20	2	2,197.31	2	2,558.00	2	2,918.48	2	3,279.02
1/4	68.19	1/4	429.41	1/4	779.14	1/4	1,127.47	1/4	1,488.24	1/4	1,847.62	1/4	2,204.82	1/4	2,565.50	1/4	2,925.99	1/4	3,286.53
1/2	75.72	1/2	436.93	1/2	786.15	1/2	1,134.99	1/2	1,495.75	1/2	1,855.03	1/2	2,212.34	1/2	2,573.01	1/2	2,933.50	1/2	3,294.04
3/4	83.26	3/4	444.45	3/4	793.17	3/4	1,142.51	3/4	1,503.27	3/4	1,862.45	3/4	2,219.85	3/4	2,580.52	3/4	2,941.02	3/4	3,301.55
3	90.79	3	451.97	3	800.19	3	1,150.03	3	1,510.78	3	1,869.87	3	2,227.36	3	2,588.02	3	2,948.53	3	3,309.06
1/4	98.33	1/4	459.50	1/4	807.20	1/4	1,157.54	1/4	1,518.30	1/4	1,877.28	1/4	2,234.89	1/4	2,595.53	1/4	2,956.04	1/4	3,316.58
1/2	105.86	1/2	467.02	1/2	814.22	1/2	1,165.06	1/2	1,525.81	1/2	1,884.70	1/2	2,242.41	1/2	2,603.03	1/2	2,963.55	1/2	3,324.09
3/4	113.40	3/4	474.54	3/4	821.24	3/4	1,172.58	3/4	1,533.33	3/4	1,892.11	3/4	2,249.93	3/4	2,610.54	3/4	2,971.06	3/4	3,331.60
4	120.93	4	482.06	4	828.25	4	1,180.10	4	1,540.84	4	1,899.52	4	2,257.45	4	2,618.05	4	2,978.57	4	3,339.11
1/4	128.46	1/4	489.59	1/4	835.27	1/4	1,187.61	1/4	1,548.36	1/4	1,906.93	1/4	2,264.97	1/4	2,625.55	1/4	2,986.08	1/4	3,346.57
1/2	135.99	1/2	497.11	1/2	842.29	1/2	1,195.13	1/2	1,555.88	1/2	1,914.34	1/2	2,272.50	1/2	2,633.06	1/2	2,993.59	1/2	3,354.02
3/4	143.52	3/4	504.63	3/4	849.30	3/4	1,202.65	3/4	1,563.39	3/4	1,921.76	3/4	2,280.02	3/4	2,640.57	3/4	3,001.11	3/4	3,361.48
5	151.05	5	512.16	5	856.32	5	1,210.16	5	1,570.91	5	1,929.17	5	2,287.54	5	2,648.08	5	3,008.62	5	3,368.93
1/4	158.58	1/4	519.68	1/4	863.33	1/4	1,217.68	1/4	1,578.42	1/4	1,936.58	1/4	2,295.06	1/4	2,655.59	1/4	3,016.13	1/4	3,376.33
1/2	166.10	1/2	527.21	1/2	870.34	1/2	1,225.19	1/2	1,585.94	1/2	1,943.99	1/2	2,302.58	1/2	2,663.10	1/2	3,023.64	1/2	3,383.74
3/4	173.63	3/4	534.73	3/4	877.36	3/4	1,232.71	3/4	1,593.45	3/4	1,951.40	3/4	2,310.11	3/4	2,670.61	3/4	3,031.15	3/4	3,391.14
6	181.15	6	542.26	6	884.37	6	1,240.23	6	1,600.97	6	1,958.82	6	2,317.63	6	2,678.12	6	3,038.66	6	3,398.54
1/4	188.67	1/4	549.78	1/4	891.39	1/4	1,247.74	1/4	1,608.48	1/4	1,966.23	1/4	2,325.15	1/4	2,685.64	1/4	3,046.17	1/4	3,405.94
1/2	196.20	1/2	557.30	1/2	898.41	1/2	1,255.26	1/2	1,616.00	1/2	1,973.64	1/2	2,332.67	1/2	2,693.15	1/2	3,053.68	1/2	3,413.34
3/4	203.72	3/4	564.83	3/4	905.43	3/4	1,262.77	3/4	1,623.51	3/4	1,981.05	3/4	2,340.20	3/4	2,700.66	3/4	3,061.20	3/4	3,420.74
7	211.25	7	572.35	7	912.46	7	1,270.29	7	1,631.03	7	1,988.46	7	2,347.72	7	2,708.17	7	3,068.71	7	3,428.14
1/4	218.77	1/4	579.88	1/4	919.50	1/4	1,277.80	1/4	1,638.54	1/4	1,995.88	1/4	2,355.24	1/4	2,715.68	1/4	3,076.22	1/4	3,435.55
1/2	226.29	1/2	587.40	1/2	926.54	1/2	1,285.32	1/2	1,646.06	1/2	2,003.29	1/2	2,362.76	1/2	2,723.19	1/2	3,083.73	1/2	3,442.95
3/4	233.82	3/4	594.92	3/4	933.58	3/4	1,292.84	3/4	1,653.58	3/4	2,010.70	3/4	2,370.28	3/4	2,730.70	3/4	3,091.24	3/4	3,450.36
8	241.34	8	602.45	8	940.62	8	1,300.35	8	1,661.09	8	2,018.11	8	2,377.80	8	2,738.21	8	3,098.75	8	3,457.76
1/4	248.87	1/4	609.97	1/4	947.90	1/4	1,307.87	1/4	1,668.61	1/4	2,025.52	1/4	2,385.32	1/4	2,745.72	1/4	3,106.26	1/4	3,465.18
1/2	256.39	1/2	617.03	1/2	955.17	1/2	1,315.38	1/2	1,676.12	1/2	2,032.94	1/2	2,392.83	1/2	2,753.24	1/2	3,113.77	1/2	3,472.59
3/4	263.92	3/4	624.31	3/4	962.45	3/4	1,322.90	3/4	1,683.64	3/4	2,040.35	3/4	2,400.35	3/4	2,760.75	3/4	3,121.28	3/4	3,480.00
9	271.44	9	631.60	9	969.73	9	1,330.41	9	1,691.15	9	2,047.76	9	2,407.87	9	2,768.26	9	3,128.80	9	3,487.41
1/4	278.96	1/4	638.65	1/4	977.24	1/4	1,337.93	1/4	1,698.67	1/4	2,055.17	1/4	2,415.37	1/4	2,775.77	1/4	3,136.31	1/4	3,494.83
1/2	286.49	1/2	645.71	1/2	984.75	1/2	1,345.44	1/2	1,706.18	1/2	2,062.58	1/2	2,422.88	1/2	2,783.28	1/2	3,143.82	1/2	3,502.24
3/4	294.01	3/4	652.76	3/4	992.26	3/4	1,352.96	3/4	1,713.70	3/4	2,070.00	3/4	2,430.39	3/4	2,790.79	3/4	3,151.33	3/4	3,509.65
10	301.54	10	659.81	10	999.77	10	1,360.47	10	1,721.21	10	2,077.41	10	2,437.90	10	2,798.30	10	3,158.84	10	3,517.06
1/4	309.06	1/4	666.84	1/4	1,007.28	1/4	1,367.99	1/4	1,728.68	1/4	2,084.87	1/4	2,445.41	1/4	2,805.81	1/4	3,166.35	1/4	3,524.53
1/2	316.58	1/2	673.87	1/2	1,014.79	1/2	1,375.51	1/2	1,736.16	1/2	2,092.32	1/2	2,452.92	1/2	2,813.33	1/2	3,173.86	1/2	3,532.00
3/4	324.11	3/4	680.91	3/4	1,022.30	3/4	1,383.02	3/4	1,743.63	3/4	2,099.78	3/4	2,460.42	3/4	2,820.84	3/4	3,181.37	3/4	3,539.46
11	331.63	11	687.94	11	1,029.81	11	1,390.54	11	1,751.10	11	2,107.24	11	2,467.93	11	2,828.35	11	3,188.89	11	3,546.93
1/4	339.16	1/4	694.95	1/4	1,037.32	1/4	1,398.05	1/4	1,758.52	1/4	2,114.75	1/4	2,475.43	1/4	2,835.86	1/4	3,196.40	1/4	3,553.97
1/2	346.68	1/2	701.97	1/2	1,044.83	1/2	1,405.57	1/2	1,765.95	1/2	2,122.25	1/2	2,482.94	1/2	2,843.37	1/2	3,203.91	1/2	3,561.01
3/4	354.20	3/4	708.98	3/4	1,052.34	3/4	1,413.08	3/4	1,773.37	3/4	2,129.76	3/4	2,490.45	3/4	2,850.88	3/4	3,211.42	3/4	3,568.05

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-08" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28095"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,575.09	0	3,844.91	0	4,111.32	0	4,363.67	0	4,597.81	0		0		0		0		0	
1/4	3,581.16	1/4	3,850.49	1/4	4,116.75	1/4	4,368.72	1/4	4,602.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,587.22	1/2	3,856.07	1/2	4,122.17	1/2	4,373.76	1/2	4,607.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,593.29	3/4	3,861.65	3/4	4,127.59	3/4	4,378.81	3/4	4,612.38	3/4		3/4		3/4		3/4		3/4	
1	3,599.36	1	3,867.23	1	4,133.02	1	4,383.86	1	4,617.24	1		1		1		1		1	
1/4	3,604.94	1/4	3,872.81	1/4	4,138.41	1/4	4,388.88	1/4	4,622.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,610.52	1/2	3,878.39	1/2	4,143.81	1/2	4,393.90	1/2	4,627.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,616.10	3/4	3,883.97	3/4	4,149.20	3/4	4,398.92	3/4	4,633.06	3/4		3/4		3/4		3/4		3/4	
2	3,621.68	2	3,889.55	2	4,154.60	2	4,403.94	2	4,638.33	2		2		2		2		2	
1/4	3,627.27	1/4	3,895.13	1/4	4,159.97	1/4	4,408.93	1/4	4,643.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,632.85	1/2	3,900.71	1/2	4,165.33	1/2	4,413.92	1/2	4,649.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.43	3/4	3,906.30	3/4	4,170.70	3/4	4,418.92	3/4	4,654.78	3/4		3/4		3/4		3/4		3/4	
3	3,644.01	3	3,911.88	3	4,176.06	3	4,423.91	3	4,660.26	3		3		3		3		3	
1/4	3,649.59	1/4	3,917.46	1/4	4,181.40	1/4	4,428.87	1/4	4,665.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,655.17	1/2	3,923.04	1/2	4,186.74	1/2	4,433.83	1/2	4,671.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,660.75	3/4	3,928.62	3/4	4,192.08	3/4	4,438.80	3/4	4,676.42	3/4		3/4		3/4		3/4		3/4	
4	3,666.33	4	3,934.20	4	4,197.42	4	4,443.76	4	4,681.81	4		4		4		4		4	
1/4	3,671.91	1/4	3,939.78	1/4	4,202.73	1/4	4,448.69	1/4	4,686.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,677.49	1/2	3,945.36	1/2	4,208.04	1/2	4,453.63	1/2	4,691.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,683.07	3/4	3,950.94	3/4	4,213.35	3/4	4,458.56	3/4	4,695.72	3/4		3/4		3/4		3/4		3/4	
5	3,688.65	5	3,956.52	5	4,218.65	5	4,463.50	5	4,700.35	5		5		5		5		5	
1/4	3,694.23	1/4	3,962.10	1/4	4,223.94	1/4	4,468.40	1/4	4,703.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,699.81	1/2	3,967.68	1/2	4,229.22	1/2	4,473.31	1/2	4,706.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,705.39	3/4	3,973.26	3/4	4,234.50	3/4	4,478.21	3/4	4,710.02	3/4		3/4		3/4		3/4		3/4	
6	3,710.97	6	3,978.84	6	4,239.78	6	4,483.12	6	4,713.24	6		6		6		6		6	
1/4	3,716.55	1/4	3,984.42	1/4	4,245.03	1/4	4,488.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.14	1/2	3,990.00	1/2	4,250.28	1/2	4,492.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,727.72	3/4	3,995.58	3/4	4,255.54	3/4	4,497.75	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,733.30	7	4,001.15	7	4,260.79	7	4,502.63	7		7		7		7		7		7	
1/4	3,738.88	1/4	4,006.72	1/4	4,266.01	1/4	4,507.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,744.46	1/2	4,012.28	1/2	4,271.24	1/2	4,512.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,750.04	3/4	4,017.84	3/4	4,276.46	3/4	4,517.17	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,755.62	8	4,023.40	8	4,281.68	8	4,522.02	8		8		8		8		8		8	
1/4	3,761.20	1/4	4,028.94	1/4	4,286.86	1/4	4,526.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.78	1/2	4,034.48	1/2	4,292.04	1/2	4,531.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,772.36	3/4	4,040.02	3/4	4,297.22	3/4	4,536.48	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,777.94	9	4,045.56	9	4,302.40	9	4,541.30	9		9		9		9		9		9	
1/4	3,783.52	1/4	4,051.06	1/4	4,307.53	1/4	4,546.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,789.10	1/2	4,056.57	1/2	4,312.67	1/2	4,550.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,794.68	3/4	4,062.08	3/4	4,317.80	3/4	4,555.58	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,800.26	10	4,067.59	10	4,322.94	10	4,560.34	10		10		10		10		10		10	
1/4	3,805.84	1/4	4,073.07	1/4	4,328.04	1/4	4,565.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,811.42	1/2	4,078.55	1/2	4,333.15	1/2	4,569.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,817.01	3/4	4,084.03	3/4	4,338.25	3/4	4,574.43	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,822.59	11	4,089.52	11	4,343.36	11	4,579.13	11		11		11		11		11		11	
1/4	3,828.17	1/4	4,094.97	1/4	4,348.44	1/4	4,583.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,833.75	1/2	4,100.42	1/2	4,353.51	1/2	4,588.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,839.33	3/4	4,105.87	3/4	4,358.59	3/4	4,593.14	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

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





BARGE "KIRBY 28095"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 3, 2024

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

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BARGE "KIRBY 28095"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,467.52	0	4,167.33	0	3,851.64	0	3,522.04	0	3,190.53	0	2,859.01	0	2,527.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,461.22	1/4	4,160.92	1/4	3,844.88	1/4	3,515.13	1/4	3,183.62	1/4	2,852.10	1/4	2,520.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,454.93	1/2	4,154.52	1/2	3,838.12	1/2	3,508.23	1/2	3,176.72	1/2	2,845.20	1/2	2,513.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,448.64	3/4	4,148.11	3/4	3,831.36	3/4	3,501.32	3/4	3,169.81	3/4	2,838.29	3/4	2,506.77
1		1		1		1	4,442.34	1	4,141.70	1	3,824.59	1	3,494.42	1	3,162.90	1	2,831.38	1	2,499.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,436.23	1/4	4,135.27	1/4	3,817.80	1/4	3,487.51	1/4	3,156.00	1/4	2,824.48	1/4	2,492.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,430.11	1/2	4,128.83	1/2	3,811.02	1/2	3,480.60	1/2	3,149.09	1/2	2,817.57	1/2	2,486.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,423.99	3/4	4,122.40	3/4	3,804.23	3/4	3,473.70	3/4	3,142.18	3/4	2,810.66	3/4	2,479.15
2		2		2		2	4,417.87	2	4,115.96	2	3,797.44	2	3,466.79	2	3,135.28	2	2,803.76	2	2,472.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,411.72	1/4	4,109.50	1/4	3,790.62	1/4	3,459.88	1/4	3,128.37	1/4	2,796.85	1/4	2,465.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,405.58	1/2	4,103.04	1/2	3,783.81	1/2	3,452.98	1/2	3,121.46	1/2	2,789.94	1/2	2,458.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,399.43	3/4	4,096.58	3/4	3,776.99	3/4	3,446.07	3/4	3,114.56	3/4	2,783.04	3/4	2,451.52
3		3		3		3	4,393.29	3	4,090.12	3	3,770.18	3	3,439.16	3	3,107.65	3	2,776.13	3	2,444.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,387.11	1/4	4,083.64	1/4	3,763.34	1/4	3,432.26	1/4	3,100.74	1/4	2,769.22	1/4	2,437.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,380.94	1/2	4,077.15	1/2	3,756.50	1/2	3,425.35	1/2	3,093.84	1/2	2,762.32	1/2	2,430.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,374.77	3/4	4,070.66	3/4	3,749.66	3/4	3,418.44	3/4	3,086.93	3/4	2,755.41	3/4	2,423.89
4		4		4		4	4,368.60	4	4,064.18	4	3,742.82	4	3,411.54	4	3,080.03	4	2,748.50	4	2,416.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,362.40	1/4	4,057.65	1/4	3,735.95	1/4	3,404.63	1/4	3,073.12	1/4	2,741.60	1/4	2,410.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,356.20	1/2	4,051.11	1/2	3,729.08	1/2	3,397.72	1/2	3,066.21	1/2	2,734.69	1/2	2,403.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,350.01	3/4	4,044.58	3/4	3,722.21	3/4	3,390.82	3/4	3,059.31	3/4	2,727.78	3/4	2,396.27
5		5		5		5	4,343.81	5	4,038.05	5	3,715.35	5	3,383.91	5	3,052.40	5	2,720.88	5	2,389.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,337.58	1/4	4,031.47	1/4	3,708.46	1/4	3,377.00	1/4	3,045.49	1/4	2,713.97	1/4	2,382.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,331.36	1/2	4,024.89	1/2	3,701.57	1/2	3,370.10	1/2	3,038.59	1/2	2,707.06	1/2	2,375.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,325.14	3/4	4,018.31	3/4	3,694.68	3/4	3,363.19	3/4	3,031.68	3/4	2,700.16	3/4	2,368.64
6		6		6		6	4,318.91	6	4,011.73	6	3,687.79	6	3,356.29	6	3,024.77	6	2,693.25	6	2,361.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,312.66	1/4	4,005.13	1/4	3,680.88	1/4	3,349.38	1/4	3,017.87	1/4	2,686.34	1/4	2,354.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,306.41	1/2	3,998.52	1/2	3,673.98	1/2	3,342.47	1/2	3,010.96	1/2	2,679.44	1/2	2,347.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,300.16	3/4	3,991.92	3/4	3,667.08	3/4	3,335.57	3/4	3,004.05	3/4	2,672.53	3/4	2,341.01
7		7		7	4,592.33	7	4,293.91	7	3,985.31	7	3,660.17	7	3,328.66	7	2,997.15	7	2,665.62	7	2,334.11
1/4	1/4	1/4	1/4	1/4	4,587.54	1/4	4,287.63	1/4	3,978.68	1/4	3,653.26	1/4	3,321.75	1/4	2,990.24	1/4	2,658.72	1/4	2,327.20
1/2	1/2	1/2	1/2	1/2	4,582.74	1/2	4,281.36	1/2	3,972.05	1/2	3,646.36	1/2	3,314.85	1/2	2,983.33	1/2	2,651.81	1/2	2,320.29
3/4	3/4	3/4	3/4	3/4	4,577.95	3/4	4,275.08	3/4	3,965.42	3/4	3,639.45	3/4	3,307.94	3/4	2,976.43	3/4	2,644.91	3/4	2,313.39
8		8		8	4,573.15	8	4,268.80	8	3,958.79	8	3,632.55	8	3,301.03	8	2,969.52	8	2,638.00	8	2,306.48
1/4	1/4	1/4	1/4	1/4	4,567.07	1/4	4,262.50	1/4	3,952.13	1/4	3,625.64	1/4	3,294.13	1/4	2,962.61	1/4	2,631.09	1/4	2,299.58
1/2	1/2	1/2	1/2	1/2	4,560.98	1/2	4,256.20	1/2	3,945.47	1/2	3,618.73	1/2	3,287.22	1/2	2,955.71	1/2	2,624.19	1/2	2,292.67
3/4	3/4	3/4	3/4	3/4	4,554.89	3/4	4,249.90	3/4	3,938.82	3/4	3,611.83	3/4	3,280.31	3/4	2,948.80	3/4	2,617.28	3/4	2,285.76
9		9		9	4,548.80	9	4,243.59	9	3,932.16	9	3,604.92	9	3,273.41	9	2,941.89	9	2,610.37	9	2,278.86
1/4	1/4	1/4	1/4	1/4	4,542.02	1/4	4,237.26	1/4	3,925.48	1/4	3,598.01	1/4	3,266.50	1/4	2,934.98	1/4	2,603.47	1/4	2,271.95
1/2	1/2	1/2	1/2	1/2	4,535.24	1/2	4,230.94	1/2	3,918.79	1/2	3,591.11	1/2	3,259.59	1/2	2,928.08	1/2	2,596.56	1/2	2,265.04
3/4	3/4	3/4	3/4	3/4	4,528.46	3/4	4,224.61	3/4	3,912.11	3/4	3,584.20	3/4	3,252.69	3/4	2,921.17	3/4	2,589.65	3/4	2,258.14
10		10		10	4,521.68	10	4,218.28	10	3,905.43	10	3,577.29	10	3,245.78	10	2,914.26	10	2,582.75	10	2,251.23
1/4	1/4	1/4	1/4	1/4	4,514.81	1/4	4,211.92	1/4	3,898.72	1/4	3,570.39	1/4	3,238.87	1/4	2,907.36	1/4	2,575.84	1/4	2,244.32
1/2	1/2	1/2	1/2	1/2	4,507.94	1/2	4,205.57	1/2	3,892.01	1/2	3,563.48	1/2	3,231.97	1/2	2,900.45	1/2	2,568.93	1/2	2,237.42
3/4	3/4	3/4	3/4	3/4	4,501.08	3/4	4,199.21	3/4	3,885.30	3/4	3,556.57	3/4	3,225.06	3/4	2,893.54	3/4	2,562.03	3/4	2,230.51
11		11		11	4,494.21	11	4,192.86	11	3,878.59	11	3,549.67	11	3,218.16	11	2,886.64	11	2,555.12	11	2,223.60
1/4	1/4	1/4	1/4	1/4	4,487.54	1/4	4,186.47	1/4	3,871.85	1/4	3,542.76	1/4	3,211.25	1/4	2,879.73	1/4	2,548.21	1/4	2,216.70
1/2	1/2	1/2	1/2	1/2	4,480.86	1/2	4,180.09	1/2	3,865.11	1/2	3,535.85	1/2	3,204.34	1/2	2,872.82	1/2	2,541.31	1/2	2,209.79
3/4	3/4	3/4	3/4	3/4	4,474.19	3/4	4,173.71	3/4	3,858.38	3/4	3,528.95	3/4	3,197.44	3/4	2,865.92	3/4	2,534.40	3/4	2,202.88

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "KIRBY 28095"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,195.98	0	1,864.40	0	1,532.75	0	1,201.10	0	873.36	0	566.83	0	282.80	0	23.48	0		0	
1/4	2,189.07	1/4	1,857.49	1/4	1,525.84	1/4	1,194.19	1/4	866.75	1/4	560.71	1/4	277.13	1/4	20.15	1/4		1/4	
1/2	2,182.16	1/2	1,850.58	1/2	1,518.93	1/2	1,187.28	1/2	860.13	1/2	554.60	1/2	271.47	1/2	16.82	1/2		1/2	
3/4	2,175.26	3/4	1,843.67	3/4	1,512.02	3/4	1,180.38	3/4	853.52	3/4	548.48	3/4	265.80	3/4	13.49	3/4		3/4	
1	2,168.35	1	1,836.76	1	1,505.11	1	1,173.47	1	846.91	1	542.37	1	260.14	1	10.17	1		1	
1/4	2,161.44	1/4	1,829.85	1/4	1,498.20	1/4	1,166.56	1/4	840.33	1/4	536.29	1/4	254.51	1/4		1/4		1/4	
1/2	2,154.54	1/2	1,822.94	1/2	1,491.29	1/2	1,159.65	1/2	833.76	1/2	530.21	1/2	248.88	1/2		1/2		1/2	
3/4	2,147.63	3/4	1,816.03	3/4	1,484.38	3/4	1,152.74	3/4	827.18	3/4	524.13	3/4	243.25	3/4		3/4		3/4	
2	2,140.72	2	1,809.12	2	1,477.48	2	1,145.83	2	820.61	2	518.06	2	237.62	2	2	2		2	
1/4	2,133.82	1/4	1,802.21	1/4	1,470.57	1/4	1,138.92	1/4	814.08	1/4	512.01	1/4	232.03	1/4		1/4		1/4	
1/2	2,126.91	1/2	1,795.30	1/2	1,463.66	1/2	1,132.01	1/2	807.54	1/2	505.96	1/2	226.45	1/2		1/2		1/2	
3/4	2,120.00	3/4	1,788.39	3/4	1,456.75	3/4	1,125.10	3/4	801.01	3/4	499.91	3/4	220.86	3/4		3/4		3/4	
3	2,113.10	3	1,781.48	3	1,449.84	3	1,118.19	3	794.47	3	493.87	3	215.27	3	3	3		3	
1/4	2,106.19	1/4	1,774.58	1/4	1,442.93	1/4	1,111.28	1/4	787.98	1/4	487.85	1/4	209.72	1/4		1/4		1/4	
1/2	2,099.28	1/2	1,767.67	1/2	1,436.02	1/2	1,104.37	1/2	781.48	1/2	481.83	1/2	204.17	1/2		1/2		1/2	
3/4	2,092.38	3/4	1,760.76	3/4	1,429.11	3/4	1,097.46	3/4	774.99	3/4	475.81	3/4	198.62	3/4		3/4		3/4	
4	2,085.47	4	1,753.85	4	1,422.20	4	1,090.55	4	768.49	4	469.79	4	193.07	4	4	4		4	
1/4	2,078.56	1/4	1,746.94	1/4	1,415.29	1/4	1,083.65	1/4	762.03	1/4	463.81	1/4	187.56	1/4		1/4		1/4	
1/2	2,071.66	1/2	1,740.03	1/2	1,408.38	1/2	1,076.75	1/2	755.58	1/2	457.83	1/2	182.05	1/2		1/2		1/2	
3/4	2,064.75	3/4	1,733.12	3/4	1,401.47	3/4	1,069.84	3/4	749.12	3/4	451.84	3/4	176.54	3/4		3/4		3/4	
5	2,057.84	5	1,726.21	5	1,394.56	5	1,062.94	5	742.67	5	445.86	5	171.03	5	5	5		5	
1/4	2,050.94	1/4	1,719.30	1/4	1,387.65	1/4	1,056.05	1/4	736.25	1/4	439.92	1/4	165.56	1/4		1/4		1/4	
1/2	2,044.03	1/2	1,712.39	1/2	1,380.75	1/2	1,049.17	1/2	729.84	1/2	433.97	1/2	160.09	1/2		1/2		1/2	
3/4	2,037.13	3/4	1,705.48	3/4	1,373.84	3/4	1,042.28	3/4	723.43	3/4	428.03	3/4	154.62	3/4		3/4		3/4	
6	2,030.22	6	1,698.57	6	1,366.93	6	1,035.40	6	717.01	6	422.09	6	149.15	6	6	6		6	
1/4	2,023.31	1/4	1,691.66	1/4	1,360.02	1/4	1,028.55	1/4	710.65	1/4	416.18	1/4	143.72	1/4		1/4		1/4	
1/2	2,016.40	1/2	1,684.75	1/2	1,353.11	1/2	1,021.70	1/2	704.29	1/2	410.28	1/2	138.29	1/2		1/2		1/2	
3/4	2,009.49	3/4	1,677.84	3/4	1,346.20	3/4	1,014.85	3/4	697.93	3/4	404.37	3/4	132.86	3/4		3/4		3/4	
7	2,002.58	7	1,670.94	7	1,339.29	7	1,008.00	7	691.56	7	398.47	7	127.43	7	7	7		7	
1/4	1,995.67	1/4	1,664.03	1/4	1,332.38	1/4	1,001.19	1/4	685.25	1/4	392.61	1/4	122.04	1/4		1/4		1/4	
1/2	1,988.76	1/2	1,657.12	1/2	1,325.47	1/2	994.38	1/2	678.93	1/2	386.74	1/2	116.65	1/2		1/2		1/2	
3/4	1,981.85	3/4	1,650.21	3/4	1,318.56	3/4	987.57	3/4	672.62	3/4	380.88	3/4	111.25	3/4		3/4		3/4	
8	1,974.94	8	1,643.30	8	1,311.65	8	980.76	8	666.30	8	375.01	8	105.86	8	8	8		8	
1/4	1,968.04	1/4	1,636.39	1/4	1,304.74	1/4	973.98	1/4	660.02	1/4	369.19	1/4	100.51	1/4		1/4		1/4	
1/2	1,961.13	1/2	1,629.48	1/2	1,297.83	1/2	967.21	1/2	653.75	1/2	363.36	1/2	95.16	1/2		1/2		1/2	
3/4	1,954.22	3/4	1,622.57	3/4	1,290.92	3/4	960.44	3/4	647.47	3/4	357.54	3/4	89.81	3/4		3/4		3/4	
9	1,947.31	9	1,615.66	9	1,284.01	9	953.67	9	641.19	9	351.71	9	84.46	9	9	9		9	
1/4	1,940.40	1/4	1,608.75	1/4	1,277.11	1/4	946.94	1/4	634.96	1/4	345.93	1/4	79.14	1/4		1/4		1/4	
1/2	1,933.49	1/2	1,601.84	1/2	1,270.20	1/2	940.21	1/2	628.72	1/2	340.14	1/2	73.83	1/2		1/2		1/2	
3/4	1,926.58	3/4	1,594.93	3/4	1,263.29	3/4	933.48	3/4	622.48	3/4	334.36	3/4	68.52	3/4		3/4		3/4	
10	1,919.67	10	1,588.02	10	1,256.38	10	926.74	10	616.25	10	328.57	10	63.20	10	10	10		10	
1/4	1,912.76	1/4	1,581.11	1/4	1,249.47	1/4	920.05	1/4	610.05	1/4	322.83	1/4	57.93	1/4		1/4		1/4	
1/2	1,905.85	1/2	1,574.21	1/2	1,242.56	1/2	913.36	1/2	603.85	1/2	317.09	1/2	52.66	1/2		1/2		1/2	
3/4	1,898.94	3/4	1,567.30	3/4	1,235.65	3/4	906.67	3/4	597.66	3/4	311.35	3/4	47.39	3/4		3/4		3/4	
11	1,892.03	11	1,560.39	11	1,228.74	11	899.97	11	591.46	11	305.61	11	42.11	11	11	11		11	
1/4	1,885.12	1/4	1,553.48	1/4	1,221.83	1/4	893.32	1/4	585.30	1/4	299.91	1/4	37.45	1/4		1/4		1/4	
1/2	1,878.21	1/2	1,546.57	1/2	1,214.92	1/2	886.67	1/2	579.14	1/2	294.20	1/2	32.80	1/2		1/2		1/2	
3/4	1,871.31	3/4	1,539.66	3/4	1,208.01	3/4	880.01	3/4	572.99	3/4	288.50	3/4	28.14	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

PRECISION MEASUREMENT
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<http://www.pmacorp.net>





BARGE "KIRBY 28095"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,476.56	0	4,175.86	0	3,860.29	0	3,530.61	0	3,198.83	0	2,867.05	0	2,535.27
1/4		1/4		1/4		1/4	4,469.88	1/4	4,169.48	1/4	3,853.55	1/4	3,523.70	1/4	3,191.92	1/4	2,860.14	1/4	2,528.36
1/2		1/2		1/2		1/2	4,463.58	1/2	4,163.06	1/2	3,846.78	1/2	3,516.78	1/2	3,185.01	1/2	2,853.23	1/2	2,521.45
3/4		3/4		3/4		3/4	4,457.28	3/4	4,156.65	3/4	3,840.01	3/4	3,509.87	3/4	3,178.10	3/4	2,846.32	3/4	2,514.54
1		1		1		1	4,450.99	1	4,150.24	1	3,833.25	1	3,502.96	1	3,171.18	1	2,839.41	1	2,507.62
1/4		1/4		1/4		1/4	4,444.69	1/4	4,143.83	1/4	3,826.48	1/4	3,496.05	1/4	3,164.27	1/4	2,832.49	1/4	2,500.71
1/2		1/2		1/2		1/2	4,438.57	1/2	4,137.39	1/2	3,819.69	1/2	3,489.14	1/2	3,157.36	1/2	2,825.58	1/2	2,493.80
3/4		3/4		3/4		3/4	4,432.44	3/4	4,130.95	3/4	3,812.89	3/4	3,482.22	3/4	3,150.45	3/4	2,818.67	3/4	2,486.89
2		2		2		2	4,426.32	2	4,124.51	2	3,806.10	2	3,475.31	2	3,143.54	2	2,811.76	2	2,479.98
1/4		1/4		1/4		1/4	4,420.20	1/4	4,118.07	1/4	3,799.30	1/4	3,468.40	1/4	3,136.62	1/4	2,804.85	1/4	2,473.06
1/2		1/2		1/2		1/2	4,414.05	1/2	4,111.61	1/2	3,792.48	1/2	3,461.49	1/2	3,129.71	1/2	2,797.93	1/2	2,466.15
3/4		3/4		3/4		3/4	4,407.90	3/4	4,105.14	3/4	3,785.66	3/4	3,454.58	3/4	3,122.80	3/4	2,791.02	3/4	2,459.24
3		3		3		3	4,401.75	3	4,098.68	3	3,778.84	3	3,447.66	3	3,115.89	3	2,784.11	3	2,452.33
1/4		1/4		1/4		1/4	4,395.60	1/4	4,092.21	1/4	3,772.02	1/4	3,440.75	1/4	3,108.98	1/4	2,777.20	1/4	2,445.42
1/2		1/2		1/2		1/2	4,389.42	1/2	4,085.72	1/2	3,765.18	1/2	3,433.84	1/2	3,102.06	1/2	2,770.28	1/2	2,438.50
3/4		3/4		3/4		3/4	4,383.24	3/4	4,079.23	3/4	3,758.33	3/4	3,426.93	3/4	3,095.15	3/4	2,763.37	3/4	2,431.59
4		4		4		4	4,377.07	4	4,072.74	4	3,751.49	4	3,420.02	4	3,088.24	4	2,756.46	4	2,424.68
1/4		1/4		1/4		1/4	4,370.89	1/4	4,066.25	1/4	3,744.64	1/4	3,413.10	1/4	3,081.33	1/4	2,749.55	1/4	2,417.77
1/2		1/2		1/2		1/2	4,364.69	1/2	4,059.71	1/2	3,737.77	1/2	3,406.19	1/2	3,074.42	1/2	2,742.64	1/2	2,410.86
3/4		3/4		3/4		3/4	4,358.49	3/4	4,053.17	3/4	3,730.89	3/4	3,399.28	3/4	3,067.50	3/4	2,735.72	3/4	2,403.94
5		5		5		5	4,352.29	5	4,046.64	5	3,724.02	5	3,392.37	5	3,060.59	5	2,728.81	5	2,397.03
1/4		1/4		1/4		1/4	4,346.08	1/4	4,040.10	1/4	3,717.15	1/4	3,385.46	1/4	3,053.68	1/4	2,721.90	1/4	2,390.12
1/2		1/2		1/2		1/2	4,339.85	1/2	4,033.51	1/2	3,710.25	1/2	3,378.54	1/2	3,046.77	1/2	2,714.99	1/2	2,383.21
3/4		3/4		3/4		3/4	4,333.63	3/4	4,026.93	3/4	3,703.36	3/4	3,371.63	3/4	3,039.86	3/4	2,708.08	3/4	2,376.30
6		6		6		6	4,327.40	6	4,020.35	6	3,696.46	6	3,364.72	6	3,032.94	6	2,701.16	6	2,369.38
1/4		1/4		1/4		1/4	4,321.17	1/4	4,013.76	1/4	3,689.57	1/4	3,357.81	1/4	3,026.03	1/4	2,694.25	1/4	2,362.47
1/2		1/2		1/2		1/2	4,314.91	1/2	4,007.15	1/2	3,682.66	1/2	3,350.90	1/2	3,019.12	1/2	2,687.34	1/2	2,355.56
3/4		3/4		3/4		3/4	4,308.66	3/4	4,000.54	3/4	3,675.75	3/4	3,343.98	3/4	3,012.21	3/4	2,680.43	3/4	2,348.65
7		7		7		7	4,302.40	7	3,993.93	7	3,668.84	7	3,337.07	7	3,005.30	7	2,673.52	7	2,341.73
1/4		1/4		1/4		1/4	4,594.79	1/4	4,296.15	1/4	3,987.32	1/4	3,661.94	1/4	3,330.16	1/4	2,998.38	1/4	2,666.60
1/2		1/2		1/2		1/2	4,589.99	1/2	4,289.87	1/2	3,980.69	1/2	3,655.02	1/2	3,323.25	1/2	2,991.47	1/2	2,659.69
3/4		3/4		3/4		3/4	4,585.19	3/4	4,283.59	3/4	3,974.05	3/4	3,648.11	3/4	3,316.34	3/4	2,984.56	3/4	2,652.78
8		8		8		8	4,580.40	8	4,277.31	8	3,967.42	8	3,641.20	8	3,309.42	8	2,977.65	8	2,645.87
1/4		1/4		1/4		1/4	4,575.60	1/4	4,271.02	1/4	3,960.78	1/4	3,634.29	1/4	3,302.51	1/4	2,970.74	1/4	2,638.95
1/2		1/2		1/2		1/2	4,569.51	1/2	4,264.72	1/2	3,954.12	1/2	3,627.38	1/2	3,295.60	1/2	2,963.82	1/2	2,632.04
3/4		3/4		3/4		3/4	4,563.41	3/4	4,258.41	3/4	3,947.45	3/4	3,620.46	3/4	3,288.69	3/4	2,956.91	3/4	2,625.13
9		9		9		9	4,557.32	9	4,252.10	9	3,940.79	9	3,613.55	9	3,281.78	9	2,950.00	9	2,618.22
1/4		1/4		1/4		1/4	4,551.22	1/4	4,245.80	1/4	3,934.13	1/4	3,606.64	1/4	3,274.86	1/4	2,943.09	1/4	2,611.31
1/2		1/2		1/2		1/2	4,544.44	1/2	4,239.46	1/2	3,927.44	1/2	3,599.73	1/2	3,267.95	1/2	2,936.18	1/2	2,604.39
3/4		3/4		3/4		3/4	4,537.65	3/4	4,233.13	3/4	3,920.75	3/4	3,592.82	3/4	3,261.04	3/4	2,929.26	3/4	2,597.48
10		10		10		10	4,530.87	10	4,226.79	10	3,914.06	10	3,585.90	10	3,254.13	10	2,922.35	10	2,590.57
1/4		1/4		1/4		1/4	4,524.08	1/4	4,220.46	1/4	3,907.37	1/4	3,578.99	1/4	3,247.22	1/4	2,915.44	1/4	2,583.66
1/2		1/2		1/2		1/2	4,517.21	1/2	4,214.10	1/2	3,900.66	1/2	3,572.08	1/2	3,240.30	1/2	2,908.53	1/2	2,576.75
3/4		3/4		3/4		3/4	4,510.34	3/4	4,207.74	3/4	3,893.94	3/4	3,565.17	3/4	3,233.39	3/4	2,901.61	3/4	2,569.83
11		11		11		11	4,503.46	11	4,201.38	11	3,887.23	11	3,558.26	11	3,226.48	11	2,894.70	11	2,562.92
1/4		1/4		1/4		1/4	4,496.59	1/4	4,195.02	1/4	3,880.51	1/4	3,551.34	1/4	3,219.57	1/4	2,887.79	1/4	2,556.01
1/2		1/2		1/2		1/2	4,489.91	1/2	4,188.64	1/2	3,873.77	1/2	3,544.43	1/2	3,212.66	1/2	2,880.88	1/2	2,549.10
3/4		3/4		3/4		3/4	4,483.24	3/4	4,182.25	3/4	3,867.03	3/4	3,537.52	3/4	3,205.74	3/4	2,873.97	3/4	2,542.19

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28095"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,203.49	0	1,871.65	0	1,539.74	0	1,207.84	0	880.03	0	573.36	0	288.68	0	28.16	0		0	
1/4	2,196.58	1/4	1,864.73	1/4	1,532.83	1/4	1,200.92	1/4	873.40	1/4	567.20	1/4	282.97	1/4	23.49	1/4		1/4	
1/2	2,189.67	1/2	1,857.82	1/2	1,525.91	1/2	1,194.01	1/2	866.80	1/2	561.08	1/2	277.30	1/2	20.16	1/2		1/2	
3/4	2,182.76	3/4	1,850.90	3/4	1,519.00	3/4	1,187.09	3/4	860.20	3/4	554.96	3/4	271.63	3/4	16.83	3/4		3/4	
1	2,175.84	1	1,843.99	1	1,512.08	1	1,180.18	1	853.60	1	548.84	1	265.96	1	13.50	1		1	
1/4	2,168.93	1/4	1,837.07	1/4	1,505.17	1/4	1,173.26	1/4	847.01	1/4	542.72	1/4	260.29	1/4	10.17	1/4		1/4	
1/2	2,162.02	1/2	1,830.16	1/2	1,498.25	1/2	1,166.35	1/2	840.45	1/2	536.63	1/2	254.66	1/2		1/2		1/2	
3/4	2,155.11	3/4	1,823.25	3/4	1,491.34	3/4	1,159.43	3/4	833.89	3/4	530.55	3/4	249.03	3/4		3/4		3/4	
2	2,148.20	2	1,816.33	2	1,484.42	2	1,152.52	2	827.33	2	524.47	2	243.40	2	2	2		2	
1/4	2,141.28	1/4	1,809.42	1/4	1,477.51	1/4	1,145.60	1/4	820.78	1/4	518.39	1/4	237.77	1/4	1/4	1/4		1/4	
1/2	2,134.37	1/2	1,802.50	1/2	1,470.60	1/2	1,138.69	1/2	814.26	1/2	512.34	1/2	232.18	1/2	1/2	1/2		1/2	
3/4	2,127.46	3/4	1,795.59	3/4	1,463.68	3/4	1,131.78	3/4	807.74	3/4	506.28	3/4	226.58	3/4	3/4	3/4		3/4	
3	2,120.55	3	1,788.67	3	1,456.77	3	1,124.86	3	801.22	3	500.23	3	220.99	3	3	3		3	
1/4	2,113.64	1/4	1,781.76	1/4	1,449.85	1/4	1,117.95	1/4	794.70	1/4	494.18	1/4	215.40	1/4	1/4	1/4		1/4	
1/2	2,106.72	1/2	1,774.84	1/2	1,442.94	1/2	1,111.03	1/2	788.22	1/2	488.16	1/2	209.85	1/2	1/2	1/2		1/2	
3/4	2,099.81	3/4	1,767.93	3/4	1,436.02	3/4	1,104.12	3/4	781.75	3/4	482.13	3/4	204.29	3/4	3/4	3/4		3/4	
4	2,092.90	4	1,761.01	4	1,429.11	4	1,097.20	4	775.27	4	476.11	4	198.74	4	4	4		4	
1/4	2,085.99	1/4	1,754.10	1/4	1,422.19	1/4	1,090.29	1/4	768.79	1/4	470.09	1/4	193.19	1/4	1/4	1/4		1/4	
1/2	2,079.07	1/2	1,747.18	1/2	1,415.28	1/2	1,083.38	1/2	762.35	1/2	464.10	1/2	187.68	1/2	1/2	1/2		1/2	
3/4	2,072.16	3/4	1,740.27	3/4	1,408.36	3/4	1,076.47	3/4	755.91	3/4	458.11	3/4	182.16	3/4	3/4	3/4		3/4	
5	2,065.25	5	1,733.35	5	1,401.45	5	1,069.56	5	749.47	5	452.13	5	176.65	5	5	5		5	
1/4	2,058.34	1/4	1,726.44	1/4	1,394.53	1/4	1,062.65	1/4	743.03	1/4	446.14	1/4	171.14	1/4	1/4	1/4		1/4	
1/2	2,051.43	1/2	1,719.52	1/2	1,387.62	1/2	1,055.76	1/2	736.64	1/2	440.19	1/2	165.66	1/2	1/2	1/2		1/2	
3/4	2,044.51	3/4	1,712.61	3/4	1,380.70	3/4	1,048.87	3/4	730.24	3/4	434.25	3/4	160.19	3/4	3/4	3/4		3/4	
6	2,037.60	6	1,705.70	6	1,373.79	6	1,041.98	6	723.84	6	428.30	6	154.72	6	6	6		6	
1/4	2,030.69	1/4	1,698.78	1/4	1,366.87	1/4	1,035.09	1/4	717.45	1/4	422.35	1/4	149.24	1/4	1/4	1/4		1/4	
1/2	2,023.77	1/2	1,691.87	1/2	1,359.96	1/2	1,028.24	1/2	711.09	1/2	416.44	1/2	143.81	1/2	1/2	1/2		1/2	
3/4	2,016.86	3/4	1,684.95	3/4	1,353.05	3/4	1,021.40	3/4	704.73	3/4	410.54	3/4	138.37	3/4	3/4	3/4		3/4	
7	2,009.94	7	1,678.04	7	1,346.13	7	1,014.55	7	698.38	7	404.63	7	132.94	7	7	7		7	
1/4	2,003.03	1/4	1,671.12	1/4	1,339.22	1/4	1,007.71	1/4	692.02	1/4	398.72	1/4	127.50	1/4	1/4	1/4		1/4	
1/2	1,996.11	1/2	1,664.21	1/2	1,332.30	1/2	1,000.91	1/2	685.70	1/2	392.85	1/2	122.11	1/2	1/2	1/2		1/2	
3/4	1,989.20	3/4	1,657.29	3/4	1,325.39	3/4	994.12	3/4	679.38	3/4	386.98	3/4	116.72	3/4	3/4	3/4		3/4	
8	1,982.28	8	1,650.38	8	1,318.47	8	987.33	8	673.06	8	381.11	8	111.32	8	8	8		8	
1/4	1,975.37	1/4	1,643.46	1/4	1,311.56	1/4	980.53	1/4	666.74	1/4	375.25	1/4	105.93	1/4	1/4	1/4		1/4	
1/2	1,968.45	1/2	1,636.55	1/2	1,304.64	1/2	973.78	1/2	660.46	1/2	369.42	1/2	100.57	1/2	1/2	1/2		1/2	
3/4	1,961.54	3/4	1,629.63	3/4	1,297.73	3/4	967.02	3/4	654.18	3/4	363.59	3/4	95.22	3/4	3/4	3/4		3/4	
9	1,954.62	9	1,622.72	9	1,290.81	9	960.27	9	647.89	9	357.76	9	89.86	9	9	9		9	
1/4	1,947.71	1/4	1,615.80	1/4	1,283.90	1/4	953.51	1/4	641.61	1/4	351.93	1/4	84.51	1/4	1/4	1/4		1/4	
1/2	1,940.79	1/2	1,608.89	1/2	1,276.98	1/2	946.79	1/2	635.37	1/2	346.14	1/2	79.19	1/2	1/2	1/2		1/2	
3/4	1,933.88	3/4	1,601.97	3/4	1,270.07	3/4	940.08	3/4	629.13	3/4	340.35	3/4	73.87	3/4	3/4	3/4		3/4	
10	1,926.97	10	1,595.06	10	1,263.15	10	933.36	10	622.89	10	334.57	10	68.56	10	10	10		10	
1/4	1,920.05	1/4	1,588.15	1/4	1,256.24	1/4	926.65	1/4	616.65	1/4	328.78	1/4	63.24	1/4	1/4	1/4		1/4	
1/2	1,913.14	1/2	1,581.23	1/2	1,249.32	1/2	919.97	1/2	610.45	1/2	323.03	1/2	57.97	1/2	1/2	1/2		1/2	
3/4	1,906.22	3/4	1,574.32	3/4	1,242.41	3/4	913.30	3/4	604.24	3/4	317.29	3/4	52.69	3/4	3/4	3/4		3/4	
11	1,899.31	11	1,567.40	11	1,235.50	11	906.62	11	598.04	11	311.54	11	47.41	11	11	11		11	
1/4	1,892.39	1/4	1,560.49	1/4	1,228.58	1/4	899.94	1/4	591.84	1/4	305.80	1/4	42.14	1/4	1/4	1/4		1/4	
1/2	1,885.48	1/2	1,553.57	1/2	1,221.67	1/2	893.31	1/2	585.68	1/2	300.09	1/2	37.48	1/2	1/2	1/2		1/2	
3/4	1,878.56	3/4	1,546.66	3/4	1,214.75	3/4	886.67	3/4	579.52	3/4	294.38	3/4	32.82	3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

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BARGE "KIRBY 28095"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,405.57	0	5,053.78	0	4,683.53	0	4,297.20	0	3,908.81	0	3,520.41	0	3,132.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,398.20	1/4	5,046.28	1/4	4,675.61	1/4	4,289.11	1/4	3,900.72	1/4	3,512.32	1/4	3,123.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,390.83	1/2	5,038.77	1/2	4,667.68	1/2	4,281.02	1/2	3,892.63	1/2	3,504.22	1/2	3,115.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,383.46	3/4	5,031.27	3/4	4,659.76	3/4	4,272.93	3/4	3,884.54	3/4	3,496.13	3/4	3,107.74
1	1	1	1	1	1	1	5,376.29	1	5,023.73	1	4,651.81	1	4,264.84	1	3,876.45	1	3,488.04	1	3,099.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,369.12	1/4	5,016.19	1/4	4,643.86	1/4	4,256.75	1/4	3,868.35	1/4	3,479.95	1/4	3,091.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,361.95	1/2	5,008.65	1/2	4,635.90	1/2	4,248.66	1/2	3,860.26	1/2	3,471.86	1/2	3,083.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,354.78	3/4	5,001.12	3/4	4,627.95	3/4	4,240.56	3/4	3,852.17	3/4	3,463.77	3/4	3,075.37
2	2	2	2	2	2	2	5,347.58	2	4,993.55	2	4,619.97	2	4,232.47	2	3,844.08	2	3,455.67	2	3,067.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,340.39	1/4	4,985.98	1/4	4,611.98	1/4	4,224.38	1/4	3,835.99	1/4	3,447.58	1/4	3,059.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,333.19	1/2	4,978.41	1/2	4,604.00	1/2	4,216.29	1/2	3,827.90	1/2	3,439.49	1/2	3,051.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,325.99	3/4	4,970.85	3/4	4,596.01	3/4	4,208.20	3/4	3,819.81	3/4	3,431.40	3/4	3,043.00
3	3	3	3	3	3	3	5,318.76	3	4,963.25	3	4,588.00	3	4,200.11	3	3,811.71	3	3,423.31	3	3,034.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,311.53	1/4	4,955.65	1/4	4,579.98	1/4	4,192.01	1/4	3,803.62	1/4	3,415.22	1/4	3,026.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,304.30	1/2	4,948.05	1/2	4,571.97	1/2	4,183.92	1/2	3,795.53	1/2	3,407.12	1/2	3,018.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,297.07	3/4	4,940.45	3/4	4,563.95	3/4	4,175.83	3/4	3,787.44	3/4	3,399.03	3/4	3,010.64
4	4	4	4	4	4	4	5,289.81	4	4,932.80	4	4,555.91	4	4,167.74	4	3,779.35	4	3,390.94	4	3,002.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,282.55	1/4	4,925.15	1/4	4,547.86	1/4	4,159.65	1/4	3,771.26	1/4	3,382.85	1/4	2,994.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,275.29	1/2	4,917.49	1/2	4,539.82	1/2	4,151.56	1/2	3,763.17	1/2	3,374.76	1/2	2,986.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,268.03	3/4	4,909.84	3/4	4,531.77	3/4	4,143.47	3/4	3,755.07	3/4	3,366.67	3/4	2,978.27
5	5	5	5	5	5	5	5,260.74	5	4,902.13	5	4,523.70	5	4,135.37	5	3,746.98	5	3,358.57	5	2,970.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,253.44	1/4	4,894.42	1/4	4,515.63	1/4	4,127.28	1/4	3,738.89	1/4	3,350.48	1/4	2,962.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,246.15	1/2	4,886.72	1/2	4,507.56	1/2	4,119.19	1/2	3,730.80	1/2	3,342.39	1/2	2,953.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,238.86	3/4	4,879.01	3/4	4,499.48	3/4	4,111.10	3/4	3,722.71	3/4	3,334.30	3/4	2,945.90
6	6	6	6	6	6	6	5,231.54	6	4,871.27	6	4,491.39	6	4,103.01	6	3,714.62	6	3,326.21	6	2,937.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,224.22	1/4	4,863.53	1/4	4,483.31	1/4	4,094.92	1/4	3,706.52	1/4	3,318.12	1/4	2,929.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,216.90	1/2	4,855.80	1/2	4,475.22	1/2	4,086.83	1/2	3,698.43	1/2	3,310.03	1/2	2,921.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,559.17	3/4	5,209.57	3/4	4,848.06	3/4	4,467.13	3/4	4,078.73	3/4	3,690.34	3/4	3,301.93
7	7	7	7	7	7	7	5,553.55	7	5,202.22	7	4,840.29	7	4,459.03	7	4,070.64	7	3,682.25	7	3,293.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,547.94	1/4	5,194.87	1/4	4,832.52	1/4	4,450.94	1/4	4,062.55	1/4	3,674.16	1/4	3,285.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,542.32	1/2	5,187.52	1/2	4,824.75	1/2	4,442.85	1/2	4,054.46	1/2	3,666.07	1/2	3,277.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,536.71	3/4	5,180.16	3/4	4,816.98	3/4	4,434.76	3/4	4,046.37	3/4	3,657.98	3/4	3,269.57
8	8	8	8	8	8	8	5,529.57	8	5,172.78	8	4,809.18	8	4,426.67	8	4,038.28	8	3,649.88	8	3,261.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,522.44	1/4	5,165.40	1/4	4,801.38	1/4	4,418.58	1/4	4,030.18	1/4	3,641.79	1/4	3,253.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,515.30	1/2	5,158.01	1/2	4,793.58	1/2	4,410.49	1/2	4,022.09	1/2	3,633.69	1/2	3,245.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,508.17	3/4	5,150.63	3/4	4,785.78	3/4	4,402.39	3/4	4,014.00	3/4	3,625.60	3/4	3,237.20
9	9	9	9	9	9	9	5,500.22	9	5,143.22	9	4,777.95	9	4,394.30	9	4,005.91	9	3,617.51	9	3,229.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,492.28	1/4	5,135.80	1/4	4,770.12	1/4	4,386.21	1/4	3,997.82	1/4	3,609.41	1/4	3,221.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,484.34	1/2	5,128.39	1/2	4,762.29	1/2	4,378.12	1/2	3,989.73	1/2	3,601.32	1/2	3,212.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,476.39	3/4	5,120.97	3/4	4,754.46	3/4	4,370.03	3/4	3,981.64	3/4	3,593.23	3/4	3,204.83
10	10	10	10	10	10	10	5,468.35	10	5,113.53	10	4,746.60	10	4,361.94	10	3,973.54	10	3,585.14	10	3,196.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,460.30	1/4	5,106.08	1/4	4,738.74	1/4	4,353.85	1/4	3,965.45	1/4	3,577.05	1/4	3,188.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,452.26	1/2	5,098.64	1/2	4,730.88	1/2	4,345.75	1/2	3,957.36	1/2	3,568.96	1/2	3,180.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,444.21	3/4	5,091.19	3/4	4,723.02	3/4	4,337.66	3/4	3,949.27	3/4	3,560.86	3/4	3,172.47
11	11	11	11	11	11	11	5,436.40	11	5,083.72	11	4,715.13	11	4,329.57	11	3,941.18	11	3,552.77	11	3,164.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,428.58	1/4	5,076.24	1/4	4,707.24	1/4	4,321.48	1/4	3,933.09	1/4	3,544.68	1/4	3,156.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,420.76	1/2	5,068.77	1/2	4,699.34	1/2	4,313.39	1/2	3,925.00	1/2	3,536.59	1/2	3,148.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,412.94	3/4	5,061.29	3/4	4,691.45	3/4	4,305.30	3/4	3,916.90	3/4	3,528.50	3/4	3,140.10

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 50'-07" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 28095"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,743.61	0	2,355.11	0	1,966.56	0	1,578.02	0	1,189.47	0	801.46	0	413.19	0	30.04	0		0	
1/4	2,735.52	1/4	2,347.01	1/4	1,958.47	1/4	1,569.92	1/4	1,181.38	1/4	793.39	1/4	405.10	1/4	24.65	1/4		1/4	
1/2	2,727.43	1/2	2,338.92	1/2	1,950.37	1/2	1,561.83	1/2	1,173.28	1/2	785.32	1/2	397.01	1/2	19.25	1/2		1/2	
3/4	2,719.34	3/4	2,330.83	3/4	1,942.28	3/4	1,553.73	3/4	1,165.19	3/4	777.25	3/4	388.91	3/4	13.86	3/4		3/4	
1	2,711.25	1	2,322.73	1	1,934.19	1	1,545.64	1	1,157.09	1	769.18	1	380.82	1		1		1	
1/4	2,703.16	1/4	2,314.64	1/4	1,926.09	1/4	1,537.54	1/4	1,149.00	1/4	761.11	1/4	372.72	1/4		1/4		1/4	
1/2	2,695.06	1/2	2,306.54	1/2	1,918.00	1/2	1,529.45	1/2	1,140.90	1/2	753.04	1/2	364.63	1/2		1/2		1/2	
3/4	2,686.97	3/4	2,298.45	3/4	1,909.90	3/4	1,521.36	3/4	1,132.81	3/4	744.97	3/4	356.53	3/4		3/4		3/4	
2	2,678.88	2	2,290.35	2	1,901.81	2	1,513.26	2	1,124.72	2	736.88	2	348.44	2		2		2	
1/4	2,670.79	1/4	2,282.26	1/4	1,893.71	1/4	1,505.17	1/4	1,116.62	1/4	728.80	1/4	340.34	1/4		1/4		1/4	
1/2	2,662.70	1/2	2,274.16	1/2	1,885.62	1/2	1,497.07	1/2	1,108.53	1/2	720.72	1/2	332.25	1/2		1/2		1/2	
3/4	2,654.61	3/4	2,266.07	3/4	1,877.52	3/4	1,488.98	3/4	1,100.43	3/4	712.64	3/4	324.15	3/4		3/4		3/4	
3	2,646.51	3	2,257.97	3	1,869.43	3	1,480.88	3	1,092.34	3	704.55	3	316.06	3		3		3	
1/4	2,638.42	1/4	2,249.88	1/4	1,861.33	1/4	1,472.79	1/4	1,084.24	1/4	696.46	1/4	307.96	1/4		1/4		1/4	
1/2	2,630.33	1/2	2,241.78	1/2	1,853.24	1/2	1,464.69	1/2	1,076.15	1/2	688.37	1/2	299.87	1/2		1/2		1/2	
3/4	2,622.24	3/4	2,233.69	3/4	1,845.14	3/4	1,456.60	3/4	1,068.05	3/4	680.28	3/4	291.77	3/4		3/4		3/4	
4	2,614.15	4	2,225.59	4	1,837.05	4	1,448.50	4	1,059.96	4	672.18	4	283.68	4		4		4	
1/4	2,606.06	1/4	2,217.50	1/4	1,828.95	1/4	1,440.41	1/4	1,051.86	1/4	664.09	1/4	275.59	1/4		1/4		1/4	
1/2	2,597.96	1/2	2,209.41	1/2	1,820.86	1/2	1,432.31	1/2	1,043.77	1/2	655.99	1/2	267.49	1/2		1/2		1/2	
3/4	2,589.87	3/4	2,201.31	3/4	1,812.76	3/4	1,424.22	3/4	1,035.67	3/4	647.90	3/4	259.40	3/4		3/4		3/4	
5	2,581.77	5	2,193.22	5	1,804.67	5	1,416.12	5	1,027.58	5	639.80	5	251.30	5		5		5	
1/4	2,573.67	1/4	2,185.12	1/4	1,796.58	1/4	1,408.03	1/4	1,019.49	1/4	631.71	1/4	243.21	1/4		1/4		1/4	
1/2	2,565.58	1/2	2,177.03	1/2	1,788.48	1/2	1,399.94	1/2	1,011.40	1/2	623.61	1/2	235.11	1/2		1/2		1/2	
3/4	2,557.48	3/4	2,168.93	3/4	1,780.39	3/4	1,391.84	3/4	1,003.31	3/4	615.52	3/4	227.02	3/4		3/4		3/4	
6	2,549.38	6	2,160.84	6	1,772.29	6	1,383.75	6	995.23	6	607.42	6	218.92	6		6		6	
1/4	2,541.29	1/4	2,152.74	1/4	1,764.20	1/4	1,375.65	1/4	987.15	1/4	599.33	1/4	210.83	1/4		1/4		1/4	
1/2	2,533.19	1/2	2,144.65	1/2	1,756.10	1/2	1,367.56	1/2	979.07	1/2	591.23	1/2	202.73	1/2		1/2		1/2	
3/4	2,525.10	3/4	2,136.55	3/4	1,748.01	3/4	1,359.46	3/4	970.99	3/4	583.14	3/4	194.64	3/4		3/4		3/4	
7	2,517.00	7	2,128.46	7	1,739.91	7	1,351.37	7	962.91	7	575.04	7	186.54	7		7		7	
1/4	2,508.91	1/4	2,120.36	1/4	1,731.82	1/4	1,343.27	1/4	954.84	1/4	566.95	1/4	178.45	1/4		1/4		1/4	
1/2	2,500.81	1/2	2,112.27	1/2	1,723.72	1/2	1,335.18	1/2	946.77	1/2	558.86	1/2	170.35	1/2		1/2		1/2	
3/4	2,492.72	3/4	2,104.17	3/4	1,715.63	3/4	1,327.08	3/4	938.69	3/4	550.76	3/4	162.26	3/4		3/4		3/4	
8	2,484.62	8	2,096.08	8	1,707.53	8	1,318.99	8	930.62	8	542.67	8	154.16	8		8		8	
1/4	2,476.53	1/4	2,087.98	1/4	1,699.44	1/4	1,310.89	1/4	922.55	1/4	534.57	1/4	146.07	1/4		1/4		1/4	
1/2	2,468.44	1/2	2,079.89	1/2	1,691.34	1/2	1,302.80	1/2	914.47	1/2	526.48	1/2	137.97	1/2		1/2		1/2	
3/4	2,460.34	3/4	2,071.80	3/4	1,683.25	3/4	1,294.70	3/4	906.40	3/4	518.38	3/4	129.88	3/4		3/4		3/4	
9	2,452.25	9	2,063.70	9	1,675.15	9	1,286.61	9	898.33	9	510.29	9	121.78	9		9		9	
1/4	2,444.15	1/4	2,055.61	1/4	1,667.06	1/4	1,278.51	1/4	890.26	1/4	502.19	1/4	113.69	1/4		1/4		1/4	
1/2	2,436.06	1/2	2,047.51	1/2	1,658.97	1/2	1,270.42	1/2	882.18	1/2	494.10	1/2	105.59	1/2		1/2		1/2	
3/4	2,427.96	3/4	2,039.42	3/4	1,650.87	3/4	1,262.33	3/4	874.11	3/4	486.01	3/4	97.50	3/4		3/4		3/4	
10	2,419.87	10	2,031.32	10	1,642.78	10	1,254.23	10	866.04	10	477.92	10	89.40	10		10		10	
1/4	2,411.77	1/4	2,023.23	1/4	1,634.68	1/4	1,246.14	1/4	857.96	1/4	469.83	1/4	81.31	1/4		1/4		1/4	
1/2	2,403.68	1/2	2,015.13	1/2	1,626.59	1/2	1,238.04	1/2	849.89	1/2	461.74	1/2	73.22	1/2		1/2		1/2	
3/4	2,395.58	3/4	2,007.04	3/4	1,618.49	3/4	1,229.95	3/4	841.82	3/4	453.65	3/4	65.12	3/4		3/4		3/4	
11	2,387.49	11	1,998.94	11	1,610.40	11	1,221.85	11	833.75	11	445.56	11	57.70	11		11		11	
1/4	2,379.39	1/4	1,990.85	1/4	1,602.30	1/4	1,213.76	1/4	825.68	1/4	437.47	1/4	50.28	1/4		1/4		1/4	
1/2	2,371.30	1/2	1,982.75	1/2	1,594.21	1/2	1,205.66	1/2	817.60	1/2	429.38	1/2	42.86	1/2		1/2		1/2	
3/4	2,363.20	3/4	1,974.66	3/4	1,586.11	3/4	1,197.57	3/4	809.53	3/4	421.29	3/4	35.44	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

PRECISION MEASUREMENT
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BARGE "KIRBY 28095"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,371.34	0	5,019.46	0	4,648.86	0	4,262.45	0	3,874.14	0	3,485.83	0	3,097.51		
1/4		1/4		1/4		1/4	5,363.97	1/4	5,011.96	1/4	4,640.94	1/4	4,254.36	1/4	3,866.05	1/4	3,477.74	1/4	3,089.42		
1/2		1/2		1/2		1/2	5,356.60	1/2	5,004.45	1/2	4,633.02	1/2	4,246.27	1/2	3,857.96	1/2	3,469.65	1/2	3,081.33		
3/4		3/4		3/4		3/4	5,349.43	3/4	4,996.92	3/4	4,625.06	3/4	4,238.18	3/4	3,849.87	3/4	3,461.56	3/4	3,073.24		
1		1		1		1	5,342.26	1	4,989.38	1	4,617.11	1	4,230.09	1	3,841.78	1	3,453.47	1	3,065.15		
1/4		1/4		1/4		1/4	5,335.10	1/4	4,981.84	1/4	4,609.16	1/4	4,222.00	1/4	3,833.69	1/4	3,445.38	1/4	3,057.06		
1/2		1/2		1/2		1/2	5,327.93	1/2	4,974.31	1/2	4,601.21	1/2	4,213.91	1/2	3,825.60	1/2	3,437.29	1/2	3,048.97		
3/4		3/4		3/4		3/4	5,320.73	3/4	4,966.74	3/4	4,593.23	3/4	4,205.82	3/4	3,817.51	3/4	3,429.20	3/4	3,040.88		
2		2		2		2	5,313.53	2	4,959.17	2	4,585.24	2	4,197.73	2	3,809.42	2	3,421.11	2	3,032.79		
1/4		1/4		1/4		1/4	5,306.33	1/4	4,951.61	1/4	4,577.26	1/4	4,189.64	1/4	3,801.33	1/4	3,413.02	1/4	3,024.70		
1/2		1/2		1/2		1/2	5,299.14	1/2	4,944.04	1/2	4,569.28	1/2	4,181.55	1/2	3,793.24	1/2	3,404.93	1/2	3,016.61		
3/4		3/4		3/4		3/4	5,291.91	3/4	4,936.44	3/4	4,561.27	3/4	4,173.46	3/4	3,785.15	3/4	3,396.84	3/4	3,008.52		
3		3		3		3	5,284.68	3	4,928.85	3	4,553.25	3	4,165.37	3	3,777.06	3	3,388.75	3	3,000.43		
1/4		1/4		1/4		1/4	5,277.45	1/4	4,921.25	1/4	4,545.24	1/4	4,157.28	1/4	3,768.97	1/4	3,380.66	1/4	2,992.34		
1/2		1/2		1/2		1/2	5,270.22	1/2	4,913.65	1/2	4,537.23	1/2	4,149.19	1/2	3,760.88	1/2	3,372.57	1/2	2,984.25		
3/4		3/4		3/4		3/4	5,262.96	3/4	4,906.00	3/4	4,529.18	3/4	4,141.10	3/4	3,752.79	3/4	3,364.48	3/4	2,976.16		
4		4		4		4	5,255.70	4	4,898.35	4	4,521.14	4	4,133.01	4	3,744.70	4	3,356.39	4	2,968.07		
1/4		1/4		1/4		1/4	5,248.44	1/4	4,890.70	1/4	4,513.10	1/4	4,124.92	1/4	3,736.61	1/4	3,348.30	1/4	2,959.98		
1/2		1/2		1/2		1/2	5,241.18	1/2	4,883.04	1/2	4,505.05	1/2	4,116.83	1/2	3,728.52	1/2	3,340.21	1/2	2,951.89		
3/4		3/4		3/4		3/4	5,233.89	3/4	4,875.34	3/4	4,496.98	3/4	4,108.74	3/4	3,720.43	3/4	3,332.12	3/4	2,943.80		
5		5		5		5	5,226.60	5	4,867.63	5	4,488.91	5	4,100.65	5	3,712.34	5	3,324.03	5	2,935.71		
1/4		1/4		1/4		1/4	5,219.31	1/4	4,859.93	1/4	4,480.84	1/4	4,092.57	1/4	3,704.25	1/4	3,315.94	1/4	2,927.62		
1/2		1/2		1/2		1/2	5,212.02	1/2	4,852.22	1/2	4,472.77	1/2	4,084.48	1/2	3,696.16	1/2	3,307.85	1/2	2,919.53		
3/4		3/4		3/4		3/4	5,204.70	3/4	4,844.48	3/4	4,464.68	3/4	4,076.39	3/4	3,688.08	3/4	3,299.76	3/4	2,911.44		
6		6		6		6	5,197.38	6	4,836.75	6	4,456.60	6	4,068.30	6	3,679.99	6	3,291.67	6	2,903.35		
1/4		1/4		1/4		1/4	5,190.06	1/4	4,829.01	1/4	4,448.51	1/4	4,060.21	1/4	3,671.90	1/4	3,283.58	1/4	2,895.26		
1/2		1/2		1/2		1/2	5,532.27	1/2	5,182.74	1/2	4,821.27	1/2	4,440.43	1/2	4,052.12	1/2	3,663.81	1/2	3,275.49	1/2	2,887.17
3/4		3/4		3/4		3/4	5,526.66	3/4	5,175.38	3/4	4,813.51	3/4	4,432.34	3/4	4,044.03	3/4	3,655.72	3/4	3,267.40	3/4	2,879.08
7		7		7		7	5,521.04	7	5,168.03	7	4,805.74	7	4,424.25	7	4,035.94	7	3,647.63	7	3,259.31	7	2,870.99
1/4		1/4		1/4		1/4	5,515.43	1/4	5,160.68	1/4	4,797.97	1/4	4,416.16	1/4	4,027.85	1/4	3,639.54	1/4	3,251.22	1/4	2,862.90
1/2		1/2		1/2		1/2	5,509.81	1/2	5,153.33	1/2	4,790.20	1/2	4,408.07	1/2	4,019.76	1/2	3,631.45	1/2	3,243.13	1/2	2,854.81
3/4		3/4		3/4		3/4	5,502.68	3/4	5,145.95	3/4	4,782.41	3/4	4,399.98	3/4	4,011.67	3/4	3,623.36	3/4	3,235.04	3/4	2,846.72
8		8		8		8	5,495.55	8	5,138.56	8	4,774.61	8	4,391.89	8	4,003.58	8	3,615.27	8	3,226.95	8	2,838.63
1/4		1/4		1/4		1/4	5,488.41	1/4	5,131.18	1/4	4,766.81	1/4	4,383.80	1/4	3,995.49	1/4	3,607.17	1/4	3,218.86	1/4	2,830.54
1/2		1/2		1/2		1/2	5,481.28	1/2	5,123.80	1/2	4,759.01	1/2	4,375.71	1/2	3,987.40	1/2	3,599.08	1/2	3,210.77	1/2	2,822.45
3/4		3/4		3/4		3/4	5,473.34	3/4	5,116.39	3/4	4,751.18	3/4	4,367.62	3/4	3,979.31	3/4	3,590.99	3/4	3,202.68	3/4	2,814.36
9		9		9		9	5,465.40	9	5,108.97	9	4,743.35	9	4,359.53	9	3,971.22	9	3,582.90	9	3,194.59	9	2,806.27
1/4		1/4		1/4		1/4	5,457.46	1/4	5,101.56	1/4	4,735.53	1/4	4,351.44	1/4	3,963.13	1/4	3,574.81	1/4	3,186.50	1/4	2,798.18
1/2		1/2		1/2		1/2	5,449.52	1/2	5,094.15	1/2	4,727.70	1/2	4,343.35	1/2	3,955.04	1/2	3,566.72	1/2	3,178.41	1/2	2,790.09
3/4		3/4		3/4		3/4	5,441.47	3/4	5,086.70	3/4	4,719.84	3/4	4,335.26	3/4	3,946.95	3/4	3,558.63	3/4	3,170.32	3/4	2,782.00
10		10		10		10	5,433.43	10	5,079.26	10	4,711.98	10	4,327.17	10	3,938.86	10	3,550.54	10	3,162.23	10	2,773.91
1/4		1/4		1/4		1/4	5,425.39	1/4	5,071.81	1/4	4,704.12	1/4	4,319.08	1/4	3,930.77	1/4	3,542.45	1/4	3,154.14	1/4	2,765.82
1/2		1/2		1/2		1/2	5,417.35	1/2	5,064.37	1/2	4,696.26	1/2	4,310.99	1/2	3,922.68	1/2	3,534.36	1/2	3,146.05	1/2	2,757.73
3/4		3/4		3/4		3/4	5,409.53	3/4	5,056.90	3/4	4,688.37	3/4	4,302.90	3/4	3,914.59	3/4	3,526.27	3/4	3,137.96	3/4	2,749.64
11		11		11		11	5,401.71	11	5,049.42	11	4,680.48	11	4,294.81	11	3,906.50	11	3,518.18	11	3,129.87	11	2,741.55
1/4		1/4		1/4		1/4	5,393.90	1/4	5,041.95	1/4	4,672.59	1/4	4,286.72	1/4	3,898.41	1/4	3,510.09	1/4	3,121.78	1/4	2,733.46
1/2		1/2		1/2		1/2	5,386.08	1/2	5,034.47	1/2	4,664.70	1/2	4,278.63	1/2	3,890.32	1/2	3,502.00	1/2	3,113.69	1/2	2,725.37
3/4		3/4		3/4		3/4	5,378.71	3/4	5,026.97	3/4	4,656.78	3/4	4,270.54	3/4	3,882.23	3/4	3,493.91	3/4	3,105.60	3/4	2,717.28

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 50'-07" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28095"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,709.19	0	2,320.79	0	1,932.32	0	1,543.86	0	1,161.52	0	788.32	0	405.01	0	24.64	0		0	
1/4	2,701.10	1/4	2,312.69	1/4	1,924.23	1/4	1,535.77	1/4	1,153.73	1/4	780.56	1/4	396.92	1/4	19.25	1/4		1/4	
1/2	2,693.01	1/2	2,304.60	1/2	1,916.14	1/2	1,527.67	1/2	1,145.95	1/2	772.79	1/2	388.83	1/2	13.85	1/2		1/2	
3/4	2,684.92	3/4	2,296.51	3/4	1,908.04	3/4	1,519.58	3/4	1,138.16	3/4	765.03	3/4	380.74	3/4		3/4		3/4	
1	2,676.84	1	2,288.41	1	1,899.95	1	1,511.49	1	1,130.37	1	757.27	1	372.64	1		1		1	
1/4	2,668.75	1/4	2,280.32	1/4	1,891.86	1/4	1,503.39	1/4	1,122.59	1/4	749.50	1/4	364.55	1/4		1/4		1/4	
1/2	2,660.66	1/2	2,272.23	1/2	1,883.76	1/2	1,495.30	1/2	1,114.80	1/2	741.74	1/2	356.46	1/2		1/2		1/2	
3/4	2,652.57	3/4	2,264.14	3/4	1,875.67	3/4	1,487.21	3/4	1,107.01	3/4	733.97	3/4	348.36	3/4		3/4		3/4	
2	2,644.48	2	2,256.04	2	1,867.58	2	1,479.11	2	1,099.23	2	726.20	2	340.27	2		2		2	
1/4	2,636.39	1/4	2,247.95	1/4	1,859.49	1/4	1,471.02	1/4	1,091.44	1/4	718.42	1/4	332.18	1/4		1/4		1/4	
1/2	2,628.30	1/2	2,239.86	1/2	1,851.39	1/2	1,462.93	1/2	1,083.65	1/2	710.65	1/2	324.08	1/2		1/2		1/2	
3/4	2,620.21	3/4	2,231.76	3/4	1,843.30	3/4	1,454.84	3/4	1,075.87	3/4	702.87	3/4	315.99	3/4		3/4		3/4	
3	2,612.12	3	2,223.67	3	1,835.21	3	1,446.74	3	1,068.08	3	695.08	3	307.90	3		3		3	
1/4	2,604.03	1/4	2,215.58	1/4	1,827.11	1/4	1,438.65	1/4	1,060.29	1/4	687.30	1/4	299.81	1/4		1/4		1/4	
1/2	2,595.94	1/2	2,207.48	1/2	1,819.02	1/2	1,430.56	1/2	1,052.51	1/2	679.52	1/2	291.71	1/2		1/2		1/2	
3/4	2,587.85	3/4	2,199.39	3/4	1,810.93	3/4	1,422.46	3/4	1,044.72	3/4	671.58	3/4	283.62	3/4		3/4		3/4	
4	2,579.76	4	2,191.30	4	1,802.83	4	1,414.37	4	1,036.93	4	663.64	4	275.53	4		4		4	
1/4	2,571.67	1/4	2,183.21	1/4	1,794.74	1/4	1,406.28	1/4	1,029.15	1/4	655.70	1/4	267.43	1/4		1/4		1/4	
1/2	2,563.58	1/2	2,175.11	1/2	1,786.65	1/2	1,398.18	1/2	1,021.36	1/2	647.76	1/2	259.34	1/2		1/2		1/2	
3/4	2,555.48	3/4	2,167.02	3/4	1,778.56	3/4	1,390.09	3/4	1,013.57	3/4	639.66	3/4	251.25	3/4		3/4		3/4	
5	2,547.39	5	2,158.93	5	1,770.46	5	1,382.00	5	1,005.79	5	631.57	5	243.15	5		5		5	
1/4	2,539.30	1/4	2,150.83	1/4	1,762.37	1/4	1,373.91	1/4	998.01	1/4	623.48	1/4	235.06	1/4		1/4		1/4	
1/2	2,531.20	1/2	2,142.74	1/2	1,754.28	1/2	1,365.81	1/2	990.22	1/2	615.39	1/2	226.97	1/2		1/2		1/2	
3/4	2,523.11	3/4	2,134.65	3/4	1,746.18	3/4	1,357.72	3/4	982.45	3/4	607.29	3/4	218.88	3/4		3/4		3/4	
6	2,515.02	6	2,126.55	6	1,738.09	6	1,349.63	6	974.68	6	599.20	6	210.78	6		6		6	
1/4	2,506.93	1/4	2,118.46	1/4	1,730.00	1/4	1,341.53	1/4	966.91	1/4	591.11	1/4	202.69	1/4		1/4		1/4	
1/2	2,498.83	1/2	2,110.37	1/2	1,721.90	1/2	1,333.44	1/2	959.13	1/2	583.01	1/2	194.60	1/2		1/2		1/2	
3/4	2,490.74	3/4	2,102.28	3/4	1,713.81	3/4	1,325.50	3/4	951.37	3/4	574.92	3/4	186.50	3/4		3/4		3/4	
7	2,482.65	7	2,094.18	7	1,705.72	7	1,317.56	7	943.60	7	566.83	7	178.41	7		7		7	
1/4	2,474.55	1/4	2,086.09	1/4	1,697.63	1/4	1,309.62	1/4	935.84	1/4	558.73	1/4	170.32	1/4		1/4		1/4	
1/2	2,466.46	1/2	2,078.00	1/2	1,689.53	1/2	1,301.68	1/2	928.07	1/2	550.64	1/2	162.22	1/2		1/2		1/2	
3/4	2,458.37	3/4	2,069.90	3/4	1,681.44	3/4	1,293.89	3/4	920.31	3/4	542.55	3/4	154.13	3/4		3/4		3/4	
8	2,450.27	8	2,061.81	8	1,673.35	8	1,286.11	8	912.55	8	534.46	8	146.04	8		8		8	
1/4	2,442.18	1/4	2,053.72	1/4	1,665.25	1/4	1,278.32	1/4	904.78	1/4	526.36	1/4	137.95	1/4		1/4		1/4	
1/2	2,434.09	1/2	2,045.62	1/2	1,657.16	1/2	1,270.53	1/2	897.02	1/2	518.27	1/2	129.85	1/2		1/2		1/2	
3/4	2,426.00	3/4	2,037.53	3/4	1,649.07	3/4	1,262.75	3/4	889.25	3/4	510.18	3/4	121.76	3/4		3/4		3/4	
9	2,417.90	9	2,029.44	9	1,640.97	9	1,254.96	9	881.49	9	502.09	9	113.67	9		9		9	
1/4	2,409.81	1/4	2,021.35	1/4	1,632.88	1/4	1,247.17	1/4	873.72	1/4	493.99	1/4	105.57	1/4		1/4		1/4	
1/2	2,401.72	1/2	2,013.25	1/2	1,624.79	1/2	1,239.39	1/2	865.96	1/2	485.90	1/2	97.48	1/2		1/2		1/2	
3/4	2,393.62	3/4	2,005.16	3/4	1,616.70	3/4	1,231.60	3/4	858.19	3/4	477.81	3/4	89.39	3/4		3/4		3/4	
10	2,385.53	10	1,997.07	10	1,608.60	10	1,223.81	10	850.43	10	469.73	10	81.29	10		10		10	
1/4	2,377.44	1/4	1,988.97	1/4	1,600.51	1/4	1,216.03	1/4	842.66	1/4	461.64	1/4	73.20	1/4		1/4		1/4	
1/2	2,369.34	1/2	1,980.88	1/2	1,592.42	1/2	1,208.24	1/2	834.90	1/2	453.55	1/2	65.11	1/2		1/2		1/2	
3/4	2,361.25	3/4	1,972.79	3/4	1,584.32	3/4	1,200.45	3/4	827.13	3/4	445.46	3/4	57.69	3/4		3/4		3/4	
11	2,353.16	11	1,964.69	11	1,576.23	11	1,192.67	11	819.37	11	437.37	11	50.27	11		11		11	
1/4	2,345.07	1/4	1,956.60	1/4	1,568.14	1/4	1,184.88	1/4	811.61	1/4	429.28	1/4	42.85	1/4		1/4		1/4	
1/2	2,336.97	1/2	1,948.51	1/2	1,560.04	1/2	1,177.09	1/2	803.84	1/2	421.20	1/2	35.43	1/2		1/2		1/2	
3/4	2,328.88	3/4	1,940.42	3/4	1,551.95	3/4	1,169.31	3/4	796.08	3/4	413.10	3/4	30.04	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 28095"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	4,631.56	0	4,398.19	0	4,146.92	0	3,881.10	0	3,612.52	0	3,258.75	0	2,897.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,626.71	1/4	4,393.14	1/4	4,141.50	1/4	3,875.52	1/4	3,606.45	1/4	3,251.22	1/4	2,889.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,621.86	1/2	4,388.10	1/2	4,136.08	1/2	3,869.95	1/2	3,600.39	1/2	3,243.70	1/2	2,882.41		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,617.19	3/4	4,383.03	3/4	4,130.64	3/4	3,864.37	3/4	3,593.35	3/4	3,236.17	3/4	2,874.88		
1	1	1	1	1	1	1	4,612.53	1	4,377.96	1	4,125.19	1	3,858.80	1	3,586.31	1	3,228.64	1	2,867.35		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,607.87	1/4	4,372.89	1/4	4,119.75	1/4	3,853.22	1/4	3,579.27	1/4	3,221.12	1/4	2,859.83		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,603.21	1/2	4,367.82	1/2	4,114.30	1/2	3,847.65	1/2	3,572.22	1/2	3,213.59	1/2	2,852.30		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,598.53	3/4	4,362.73	3/4	4,108.83	3/4	3,842.07	3/4	3,564.75	3/4	3,206.06	3/4	2,844.77		
2	2	2	2	2	2	2	4,593.84	2	4,357.63	2	4,103.35	2	3,836.50	2	3,557.28	2	3,198.54	2	2,837.25		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,589.15	1/4	4,352.53	1/4	4,097.88	1/4	3,830.92	1/4	3,549.81	1/4	3,191.01	1/4	2,829.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,584.46	1/2	4,347.43	1/2	4,092.40	1/2	3,825.35	1/2	3,542.34	1/2	3,183.48	1/2	2,822.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,579.71	3/4	4,342.30	3/4	4,086.90	3/4	3,819.77	3/4	3,534.93	3/4	3,175.96	3/4	2,814.66		
3	3	3	3	3	3	3	4,574.96	3	4,337.18	3	4,081.39	3	3,814.20	3	3,527.51	3	3,168.43	3	2,807.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,570.21	1/4	4,332.05	1/4	4,075.89	1/4	3,808.62	1/4	3,520.09	1/4	3,160.90	1/4	2,799.61		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,565.46	1/2	4,326.92	1/2	4,070.39	1/2	3,803.05	1/2	3,512.68	1/2	3,153.38	1/2	2,792.08		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,560.64	3/4	4,321.75	3/4	4,064.86	3/4	3,797.47	3/4	3,505.26	3/4	3,145.85	3/4	2,784.56		
4	4	4	4	4	4	4	4,555.83	4	4,316.58	4	4,059.32	4	3,791.90	4	3,497.85	4	3,138.32	4	2,777.03		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,551.02	1/4	4,311.41	1/4	4,053.79	1/4	3,786.32	1/4	3,490.43	1/4	3,130.79	1/4	2,769.50		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,546.21	1/2	4,306.23	1/2	4,048.26	1/2	3,780.75	1/2	3,483.01	1/2	3,123.27	1/2	2,761.98		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,541.37	3/4	4,301.02	3/4	4,042.70	3/4	3,775.17	3/4	3,475.60	3/4	3,115.74	3/4	2,754.45		
5	5	5	5	5	5	5	4,536.53	5	4,295.80	5	4,037.15	5	3,769.60	5	3,468.18	5	3,108.21	5	2,746.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,531.69	1/4	4,290.58	1/4	4,031.59	1/4	3,764.02	1/4	3,460.77	1/4	3,100.69	1/4	2,739.40		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,526.85	1/2	4,285.37	1/2	4,026.03	1/2	3,758.45	1/2	3,453.35	1/2	3,093.16	1/2	2,731.87		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,521.98	3/4	4,280.12	3/4	4,020.46	3/4	3,752.87	3/4	3,445.94	3/4	3,085.63	3/4	2,724.34		
6	6	6	6	6	6	6	4,517.11	6	4,274.88	6	4,014.89	6	3,747.30	6	3,438.52	6	3,078.11	6	2,716.82		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,512.24	1/4	4,269.63	1/4	4,009.32	1/4	3,741.72	1/4	3,431.10	1/4	3,070.58	1/4	2,709.29		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,737.13	1/2	4,507.37	1/2	4,264.38	1/2	4,003.75	1/2	3,736.15	1/2	3,423.69	1/2	3,063.05	1/2	2,701.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,733.91	3/4	4,502.47	3/4	4,259.11	3/4	3,998.17	3/4	3,730.57	3/4	3,416.27	3/4	3,055.53	3/4	2,694.23
7	7	7	7	7	7	7	4,730.70	7	4,497.57	7	4,253.84	7	3,992.60	7	3,725.00	7	3,408.85	7	3,048.00	7	2,686.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,727.48	1/4	4,492.68	1/4	4,248.56	1/4	3,987.02	1/4	3,719.42	1/4	3,401.44	1/4	3,040.47	1/4	2,679.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,724.27	1/2	4,487.78	1/2	4,243.29	1/2	3,981.45	1/2	3,713.85	1/2	3,394.02	1/2	3,032.94	1/2	2,671.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,719.64	3/4	4,482.85	3/4	4,237.98	3/4	3,975.87	3/4	3,708.27	3/4	3,386.55	3/4	3,025.42	3/4	2,664.13
8	8	8	8	8	8	8	4,715.01	8	4,477.93	8	4,232.68	8	3,970.30	8	3,702.70	8	3,379.07	8	3,017.89	8	2,656.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,710.38	1/4	4,473.00	1/4	4,227.38	1/4	3,964.72	1/4	3,697.12	1/4	3,371.60	1/4	3,010.36	1/4	2,649.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,705.75	1/2	4,468.07	1/2	4,222.08	1/2	3,959.15	1/2	3,691.55	1/2	3,364.13	1/2	3,002.84	1/2	2,641.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,700.37	3/4	4,463.12	3/4	4,216.74	3/4	3,953.57	3/4	3,685.97	3/4	3,356.60	3/4	2,995.31	3/4	2,634.02
9	9	9	9	9	9	9	4,694.99	9	4,458.16	9	4,211.41	9	3,948.00	9	3,680.40	9	3,349.07	9	2,987.78	9	2,626.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,689.61	1/4	4,453.21	1/4	4,206.08	1/4	3,942.42	1/4	3,674.82	1/4	3,341.55	1/4	2,980.26	1/4	2,618.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,684.22	1/2	4,448.25	1/2	4,200.75	1/2	3,936.85	1/2	3,669.25	1/2	3,334.02	1/2	2,972.72	1/2	2,611.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,678.75	3/4	4,443.27	3/4	4,195.39	3/4	3,931.27	3/4	3,663.67	3/4	3,326.49	3/4	2,965.20	3/4	2,603.91
10	10	10	10	10	10	10	4,673.27	10	4,438.28	10	4,190.03	10	3,925.70	10	3,658.10	10	3,318.97	10	2,957.68	10	2,596.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,667.79	1/4	4,433.30	1/4	4,184.67	1/4	3,920.12	1/4	3,652.52	1/4	3,311.44	1/4	2,950.15	1/4	2,588.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,662.32	1/2	4,428.32	1/2	4,179.31	1/2	3,914.55	1/2	3,646.95	1/2	3,303.91	1/2	2,942.62	1/2	2,581.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,657.05	3/4	4,423.30	3/4	4,173.92	3/4	3,908.97	3/4	3,641.37	3/4	3,296.39	3/4	2,935.10	3/4	2,573.80
11	11	11	11	11	11	11	4,651.79	11	4,418.29	11	4,168.53	11	3,903.40	11	3,635.80	11	3,288.86	11	2,927.57	11	2,566.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,646.52	1/4	4,413.28	1/4	4,163.14	1/4	3,897.82	1/4	3,630.22	1/4	3,281.33	1/4	2,920.04	1/4	2,558.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,641.26	1/2	4,408.27	1/2	4,157.75	1/2	3,892.25	1/2	3,624.65	1/2	3,273.81	1/2	2,912.51	1/2	2,551.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,636.34	3/4	4,403.23	3/4	4,152.34	3/4	3,886.67	3/4	3,618.58	3/4	3,266.28	3/4	2,904.99	3/4	2,543.70

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-08" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28095"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,536.17	0	2,174.69	0	1,813.64	0	1,452.05	0	1,090.45	0	735.57	0	377.20	0	22.97	0		0	
1/4	2,528.64	1/4	2,167.17	1/4	1,806.10	1/4	1,444.51	1/4	1,082.91	1/4	728.25	1/4	369.67	1/4	17.95	1/4		1/4	
1/2	2,521.12	1/2	2,159.65	1/2	1,798.57	1/2	1,436.98	1/2	1,075.38	1/2	720.94	1/2	362.13	1/2	12.93	1/2		1/2	
3/4	2,513.59	3/4	2,152.13	3/4	1,791.04	3/4	1,429.45	3/4	1,067.85	3/4	713.62	3/4	354.59	3/4		3/4		3/4	
1	2,506.06	1	2,144.61	1	1,783.50	1	1,421.91	1	1,060.31	1	706.30	1	347.06	1	1	1		1	
1/4	2,498.53	1/4	2,137.09	1/4	1,775.97	1/4	1,414.38	1/4	1,052.78	1/4	698.99	1/4	339.52	1/4		1/4		1/4	
1/2	2,491.01	1/2	2,129.57	1/2	1,768.44	1/2	1,406.85	1/2	1,045.25	1/2	691.67	1/2	331.98	1/2		1/2		1/2	
3/4	2,483.48	3/4	2,122.05	3/4	1,760.90	3/4	1,399.32	3/4	1,037.71	3/4	684.34	3/4	324.45	3/4		3/4		3/4	
2	2,475.95	2	2,114.53	2	1,753.37	2	1,391.78	2	1,030.18	2	677.02	2	316.91	2	2	2		2	
1/4	2,468.43	1/4	2,107.01	1/4	1,745.84	1/4	1,384.25	1/4	1,022.64	1/4	669.69	1/4	309.37	1/4		1/4		1/4	
1/2	2,460.90	1/2	2,099.49	1/2	1,738.30	1/2	1,376.72	1/2	1,015.11	1/2	662.36	1/2	301.84	1/2		1/2		1/2	
3/4	2,453.37	3/4	2,091.97	3/4	1,730.77	3/4	1,369.18	3/4	1,007.58	3/4	655.03	3/4	294.30	3/4		3/4		3/4	
3	2,445.84	3	2,084.45	3	1,723.24	3	1,361.65	3	1,000.04	3	647.69	3	286.76	3	3	3		3	
1/4	2,438.31	1/4	2,076.93	1/4	1,715.71	1/4	1,354.12	1/4	992.51	1/4	640.35	1/4	279.23	1/4		1/4		1/4	
1/2	2,430.78	1/2	2,069.41	1/2	1,708.17	1/2	1,346.58	1/2	984.98	1/2	633.01	1/2	271.69	1/2		1/2		1/2	
3/4	2,423.24	3/4	2,061.89	3/4	1,700.64	3/4	1,339.05	3/4	977.54	3/4	625.57	3/4	264.15	3/4		3/4		3/4	
4	2,415.71	4	2,054.37	4	1,693.11	4	1,331.52	4	970.10	4	618.14	4	256.61	4	4	4		4	
1/4	2,408.18	1/4	2,046.85	1/4	1,685.57	1/4	1,323.98	1/4	962.67	1/4	610.70	1/4	249.08	1/4		1/4		1/4	
1/2	2,400.64	1/2	2,039.33	1/2	1,678.04	1/2	1,316.45	1/2	955.23	1/2	603.26	1/2	241.54	1/2		1/2		1/2	
3/4	2,393.11	3/4	2,031.81	3/4	1,670.51	3/4	1,308.92	3/4	947.89	3/4	595.72	3/4	234.00	3/4		3/4		3/4	
5	2,385.57	5	2,024.29	5	1,662.97	5	1,301.39	5	940.55	5	588.19	5	226.47	5	5	5		5	
1/4	2,378.04	1/4	2,016.77	1/4	1,655.44	1/4	1,293.85	1/4	933.22	1/4	580.65	1/4	218.93	1/4		1/4		1/4	
1/2	2,370.50	1/2	2,009.25	1/2	1,647.91	1/2	1,286.32	1/2	925.88	1/2	573.11	1/2	211.39	1/2		1/2		1/2	
3/4	2,362.97	3/4	2,001.73	3/4	1,640.37	3/4	1,278.79	3/4	918.55	3/4	565.58	3/4	203.86	3/4		3/4		3/4	
6	2,355.43	6	1,994.21	6	1,632.84	6	1,271.25	6	911.23	6	558.04	6	196.32	6	6	6		6	
1/4	2,347.89	1/4	1,986.69	1/4	1,625.31	1/4	1,263.72	1/4	903.90	1/4	550.50	1/4	188.78	1/4		1/4		1/4	
1/2	2,340.36	1/2	1,979.17	1/2	1,617.78	1/2	1,256.19	1/2	896.57	1/2	542.96	1/2	181.25	1/2		1/2		1/2	
3/4	2,332.82	3/4	1,971.65	3/4	1,610.24	3/4	1,248.65	3/4	889.26	3/4	535.43	3/4	173.71	3/4		3/4		3/4	
7	2,325.28	7	1,964.13	7	1,602.71	7	1,241.12	7	881.94	7	527.89	7	166.17	7	7	7		7	
1/4	2,317.75	1/4	1,956.61	1/4	1,595.18	1/4	1,233.59	1/4	874.62	1/4	520.35	1/4	158.63	1/4		1/4		1/4	
1/2	2,310.21	1/2	1,949.09	1/2	1,587.64	1/2	1,226.05	1/2	867.30	1/2	512.82	1/2	151.10	1/2		1/2		1/2	
3/4	2,302.67	3/4	1,941.57	3/4	1,580.11	3/4	1,218.52	3/4	859.98	3/4	505.28	3/4	143.56	3/4		3/4		3/4	
8	2,295.14	8	1,934.05	8	1,572.58	8	1,210.98	8	852.66	8	497.74	8	136.02	8	8	8		8	
1/4	2,287.60	1/4	1,926.53	1/4	1,565.04	1/4	1,203.45	1/4	845.34	1/4	490.21	1/4	128.49	1/4		1/4		1/4	
1/2	2,280.07	1/2	1,919.01	1/2	1,557.51	1/2	1,195.92	1/2	838.02	1/2	482.67	1/2	120.95	1/2		1/2		1/2	
3/4	2,272.53	3/4	1,911.49	3/4	1,549.98	3/4	1,188.38	3/4	830.70	3/4	475.13	3/4	113.41	3/4		3/4		3/4	
9	2,264.99	9	1,903.97	9	1,542.44	9	1,180.85	9	823.39	9	467.60	9	105.88	9	9	9		9	
1/4	2,257.46	1/4	1,896.45	1/4	1,534.91	1/4	1,173.32	1/4	816.07	1/4	460.06	1/4	98.34	1/4		1/4		1/4	
1/2	2,249.92	1/2	1,888.93	1/2	1,527.38	1/2	1,165.78	1/2	808.75	1/2	452.53	1/2	90.80	1/2		1/2		1/2	
3/4	2,242.39	3/4	1,881.41	3/4	1,519.84	3/4	1,158.25	3/4	801.43	3/4	445.00	3/4	83.27	3/4		3/4		3/4	
10	2,234.86	10	1,873.88	10	1,512.31	10	1,150.72	10	794.11	10	437.46	10	75.73	10	10	10		10	
1/4	2,227.33	1/4	1,866.36	1/4	1,504.78	1/4	1,143.18	1/4	786.79	1/4	429.93	1/4	68.19	1/4		1/4		1/4	
1/2	2,219.81	1/2	1,858.83	1/2	1,497.25	1/2	1,135.65	1/2	779.47	1/2	422.40	1/2	60.66	1/2		1/2		1/2	
3/4	2,212.29	3/4	1,851.30	3/4	1,489.71	3/4	1,128.12	3/4	772.15	3/4	414.87	3/4	53.75	3/4		3/4		3/4	
11	2,204.77	11	1,843.77	11	1,482.18	11	1,120.58	11	764.84	11	407.33	11	46.84	11	11	11		11	
1/4	2,197.25	1/4	1,836.24	1/4	1,474.65	1/4	1,113.05	1/4	757.52	1/4	399.80	1/4	39.93	1/4		1/4		1/4	
1/2	2,189.73	1/2	1,828.70	1/2	1,467.11	1/2	1,105.51	1/2	750.20	1/2	392.27	1/2	33.02	1/2		1/2		1/2	
3/4	2,182.21	3/4	1,821.17	3/4	1,459.58	3/4	1,097.98	3/4	742.89	3/4	384.74	3/4	28.00	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "KIRBY 28095"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	4,617.24	0	4,383.86	0	4,133.02	0	3,867.23	0	3,599.36	0	3,248.98	0	2,888.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,612.38	1/4	4,378.81	1/4	4,127.60	1/4	3,861.65	1/4	3,593.29	1/4	3,241.47	1/4	2,880.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,607.52	1/2	4,373.76	1/2	4,122.17	1/2	3,856.07	1/2	3,587.23	1/2	3,233.95	1/2	2,873.42		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,602.67	3/4	4,368.72	3/4	4,116.75	3/4	3,850.49	3/4	3,581.16	3/4	3,226.44	3/4	2,865.91		
1	1	1	1	1	1	1	4,597.81	1	4,363.67	1	4,111.33	1	3,844.91	1	3,575.09	1	3,218.93	1	2,858.39		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,593.14	1/4	4,358.59	1/4	4,105.87	1/4	3,839.33	1/4	3,568.05	1/4	3,211.42	1/4	2,850.88		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,588.47	1/2	4,353.51	1/2	4,100.42	1/2	3,833.75	1/2	3,561.01	1/2	3,203.91	1/2	2,843.37		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,583.80	3/4	4,348.44	3/4	4,094.97	3/4	3,828.17	3/4	3,553.97	3/4	3,196.40	3/4	2,835.86		
2	2	2	2	2	2	2	4,579.13	2	4,343.36	2	4,089.52	2	3,822.59	2	3,546.93	2	3,188.89	2	2,828.35		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,574.43	1/4	4,338.25	1/4	4,084.04	1/4	3,817.01	1/4	3,539.46	1/4	3,181.38	1/4	2,820.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,569.74	1/2	4,333.15	1/2	4,078.56	1/2	3,811.43	1/2	3,532.00	1/2	3,173.86	1/2	2,813.33		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,565.04	3/4	4,328.04	3/4	4,073.07	3/4	3,805.85	3/4	3,524.53	3/4	3,166.35	3/4	2,805.82		
3	3	3	3	3	3	3	4,560.34	3	4,322.94	3	4,067.59	3	3,800.26	3	3,517.06	3	3,158.84	3	2,798.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,555.58	1/4	4,317.80	1/4	4,062.08	1/4	3,794.68	1/4	3,509.65	1/4	3,151.33	1/4	2,790.79		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,550.82	1/2	4,312.67	1/2	4,056.58	1/2	3,789.10	1/2	3,502.24	1/2	3,143.82	1/2	2,783.28		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,546.06	3/4	4,307.53	3/4	4,051.07	3/4	3,783.52	3/4	3,494.83	3/4	3,136.31	3/4	2,775.77		
4	4	4	4	4	4	4	4,541.31	4	4,302.40	4	4,045.56	4	3,777.94	4	3,487.41	4	3,128.80	4	2,768.26		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,536.49	1/4	4,297.22	1/4	4,040.02	1/4	3,772.36	1/4	3,480.00	1/4	3,121.29	1/4	2,760.75		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,531.66	1/2	4,292.04	1/2	4,034.48	1/2	3,766.78	1/2	3,472.59	1/2	3,113.77	1/2	2,753.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,526.84	3/4	4,286.86	3/4	4,028.94	3/4	3,761.20	3/4	3,465.18	3/4	3,106.26	3/4	2,745.73		
5	5	5	5	5	5	5	4,522.02	5	4,281.68	5	4,023.41	5	3,755.62	5	3,457.77	5	3,098.75	5	2,738.21		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,517.18	1/4	4,276.46	1/4	4,017.84	1/4	3,750.04	1/4	3,450.36	1/4	3,091.24	1/4	2,730.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,512.33	1/2	4,271.24	1/2	4,012.28	1/2	3,744.46	1/2	3,442.95	1/2	3,083.73	1/2	2,723.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,507.48	3/4	4,266.01	3/4	4,006.72	3/4	3,738.88	3/4	3,435.55	3/4	3,076.22	3/4	2,715.68		
6	6	6	6	6	6	6	4,502.63	6	4,260.79	6	4,001.15	6	3,733.30	6	3,428.14	6	3,068.71	6	2,708.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,497.75	1/4	4,255.54	1/4	3,995.58	1/4	3,727.72	1/4	3,420.74	1/4	3,061.20	1/4	2,700.66		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,492.88	1/2	4,250.28	1/2	3,990.00	1/2	3,722.14	1/2	3,413.34	1/2	3,053.69	1/2	2,693.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,488.00	3/4	4,245.03	3/4	3,984.42	3/4	3,716.56	3/4	3,405.94	3/4	3,046.17	3/4	2,685.64		
7	7	7	7	7	7	7	4,713.24	7	4,483.12	7	4,239.78	7	3,978.84	7	3,710.98	7	3,398.54	7	3,038.66	7	2,678.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,710.02	1/4	4,478.21	1/4	4,234.50	1/4	3,973.26	1/4	3,705.39	1/4	3,391.14	1/4	3,031.15	1/4	2,670.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,706.80	1/2	4,473.31	1/2	4,229.22	1/2	3,967.68	1/2	3,699.81	1/2	3,383.74	1/2	3,023.64	1/2	2,663.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,703.57	3/4	4,468.40	3/4	4,223.94	3/4	3,962.10	3/4	3,694.23	3/4	3,376.34	3/4	3,016.13	3/4	2,655.59
8	8	8	8	8	8	8	4,700.35	8	4,463.50	8	4,218.66	8	3,956.52	8	3,688.65	8	3,368.93	8	3,008.62	8	2,648.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,695.72	1/4	4,458.56	1/4	4,213.35	1/4	3,950.94	1/4	3,683.07	1/4	3,361.48	1/4	3,001.11	1/4	2,640.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,691.08	1/2	4,453.63	1/2	4,208.04	1/2	3,945.36	1/2	3,677.49	1/2	3,354.02	1/2	2,993.60	1/2	2,633.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,686.45	3/4	4,448.69	3/4	4,202.73	3/4	3,939.78	3/4	3,671.91	3/4	3,346.57	3/4	2,986.08	3/4	2,625.55
9	9	9	9	9	9	9	4,681.81	9	4,443.76	9	4,197.42	9	3,934.20	9	3,666.33	9	3,339.11	9	2,978.57	9	2,618.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,676.43	1/4	4,438.80	1/4	4,192.08	1/4	3,928.62	1/4	3,660.75	1/4	3,331.60	1/4	2,971.06	1/4	2,610.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,671.04	1/2	4,433.83	1/2	4,186.74	1/2	3,923.04	1/2	3,655.17	1/2	3,324.09	1/2	2,963.55	1/2	2,603.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,665.65	3/4	4,428.87	3/4	4,181.40	3/4	3,917.46	3/4	3,649.59	3/4	3,316.58	3/4	2,956.04	3/4	2,595.53
10	10	10	10	10	10	10	4,660.26	10	4,423.91	10	4,176.07	10	3,911.88	10	3,644.01	10	3,309.07	10	2,948.53	10	2,588.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,654.78	1/4	4,418.92	1/4	4,170.70	1/4	3,906.30	1/4	3,638.43	1/4	3,301.55	1/4	2,941.02	1/4	2,580.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,649.29	1/2	4,413.93	1/2	4,165.33	1/2	3,900.72	1/2	3,632.85	1/2	3,294.04	1/2	2,933.51	1/2	2,573.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,643.81	3/4	4,408.93	3/4	4,159.97	3/4	3,895.14	3/4	3,627.27	3/4	3,286.53	3/4	2,925.99	3/4	2,565.51
11	11	11	11	11	11	11	4,638.33	11	4,403.94	11	4,154.60	11	3,889.55	11	3,621.69	11	3,279.02	11	2,918.48	11	2,558.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,633.06	1/4	4,398.92	1/4	4,149.20	1/4	3,883.97	1/4	3,616.11	1/4	3,271.51	1/4	2,910.97	1/4	2,550.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,627.78	1/2	4,393.90	1/2	4,143.81	1/2	3,878.39	1/2	3,610.52	1/2	3,264.00	1/2	2,903.46	1/2	2,542.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,622.51	3/4	4,388.88	3/4	4,138.41	3/4	3,872.81	3/4	3,604.94	3/4	3,256.49	3/4	2,895.95	3/4	2,535.48

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-08" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28095"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,527.98	0	2,167.29	0	1,810.50	0	1,450.66	0	1,089.89	0	744.06	0	391.82	0	33.02	0			
1/4	2,520.47	1/4	2,159.78	1/4	1,803.07	1/4	1,443.15	1/4	1,082.38	1/4	737.04	1/4	384.30	1/4	28.00	1/4			
1/2	2,512.96	1/2	2,152.28	1/2	1,795.65	1/2	1,435.63	1/2	1,074.87	1/2	730.03	1/2	376.77	1/2	22.97	1/2			
3/4	2,505.46	3/4	2,144.77	3/4	1,788.22	3/4	1,428.11	3/4	1,067.36	3/4	723.02	3/4	369.25	3/4	17.95	3/4			
1	2,497.95	1	2,137.27	1	1,780.80	1	1,420.60	1	1,059.85	1	716.00	1	361.73	1	12.92	1			
1/4	2,490.45	1/4	2,129.76	1/4	1,773.37	1/4	1,413.08	1/4	1,052.34	1/4	708.99	1/4	354.21	1/4		1/4			
1/2	2,482.94	1/2	2,122.25	1/2	1,765.95	1/2	1,405.57	1/2	1,044.83	1/2	701.97	1/2	346.68	1/2		1/2			
3/4	2,475.43	3/4	2,114.75	3/4	1,758.52	3/4	1,398.05	3/4	1,037.32	3/4	694.96	3/4	339.16	3/4		3/4			
2	2,467.93	2	2,107.24	2	1,751.10	2	1,390.54	2	1,029.81	2	687.94	2	331.63	2		2			
1/4	2,460.42	1/4	2,099.78	1/4	1,743.63	1/4	1,383.02	1/4	1,022.30	1/4	680.91	1/4	324.11	1/4		1/4			
1/2	2,452.92	1/2	2,092.33	1/2	1,736.16	1/2	1,375.51	1/2	1,014.79	1/2	673.87	1/2	316.59	1/2		1/2			
3/4	2,445.41	3/4	2,084.87	3/4	1,728.69	3/4	1,367.99	3/4	1,007.28	3/4	666.84	3/4	309.06	3/4		3/4			
3	2,437.90	3	2,077.41	3	1,721.22	3	1,360.48	3	999.77	3	659.81	3	301.54	3		3			
1/4	2,430.40	1/4	2,070.00	1/4	1,713.70	1/4	1,352.96	1/4	992.26	1/4	652.76	1/4	294.01	1/4		1/4			
1/2	2,422.89	1/2	2,062.58	1/2	1,706.18	1/2	1,345.45	1/2	984.75	1/2	645.71	1/2	286.49	1/2		1/2			
3/4	2,415.38	3/4	2,055.17	3/4	1,698.67	3/4	1,337.93	3/4	977.24	3/4	638.66	3/4	278.96	3/4		3/4			
4	2,407.87	4	2,047.76	4	1,691.15	4	1,330.41	4	969.73	4	631.60	4	271.44	4		4			
1/4	2,400.35	1/4	2,040.35	1/4	1,683.64	1/4	1,322.90	1/4	962.45	1/4	624.32	1/4	263.92	1/4		1/4			
1/2	2,392.83	1/2	2,032.94	1/2	1,676.12	1/2	1,315.38	1/2	955.17	1/2	617.03	1/2	256.39	1/2		1/2			
3/4	2,385.32	3/4	2,025.52	3/4	1,668.61	3/4	1,307.87	3/4	947.90	3/4	609.74	3/4	248.87	3/4		3/4			
5	2,377.80	5	2,018.11	5	1,661.09	5	1,300.35	5	940.62	5	602.45	5	241.34	5		5			
1/4	2,370.28	1/4	2,010.70	1/4	1,653.58	1/4	1,292.84	1/4	933.58	1/4	594.93	1/4	233.82	1/4		1/4			
1/2	2,362.76	1/2	2,003.29	1/2	1,646.06	1/2	1,285.32	1/2	926.54	1/2	587.40	1/2	226.30	1/2		1/2			
3/4	2,355.24	3/4	1,995.88	3/4	1,638.55	3/4	1,277.81	3/4	919.50	3/4	579.88	3/4	218.77	3/4		3/4			
6	2,347.72	6	1,988.46	6	1,631.03	6	1,270.29	6	912.46	6	572.35	6	211.25	6		6			
1/4	2,340.20	1/4	1,981.05	1/4	1,623.52	1/4	1,262.77	1/4	905.44	1/4	564.83	1/4	203.72	1/4		1/4			
1/2	2,332.67	1/2	1,973.64	1/2	1,616.00	1/2	1,255.26	1/2	898.41	1/2	557.30	1/2	196.20	1/2		1/2			
3/4	2,325.15	3/4	1,966.23	3/4	1,608.48	3/4	1,247.74	3/4	891.39	3/4	549.78	3/4	188.68	3/4		3/4			
7	2,317.63	7	1,958.82	7	1,600.97	7	1,240.23	7	884.37	7	542.26	7	181.15	7		7			
1/4	2,310.11	1/4	1,951.40	1/4	1,593.45	1/4	1,232.71	1/4	877.36	1/4	534.73	1/4	173.63	1/4		1/4			
1/2	2,302.59	1/2	1,943.99	1/2	1,585.94	1/2	1,225.19	1/2	870.35	1/2	527.21	1/2	166.10	1/2		1/2			
3/4	2,295.06	3/4	1,936.58	3/4	1,578.42	3/4	1,217.68	3/4	863.33	3/4	519.68	3/4	158.58	3/4		3/4			
8	2,287.54	8	1,929.17	8	1,570.91	8	1,210.16	8	856.32	8	512.16	8	151.05	8		8			
1/4	2,280.02	1/4	1,921.76	1/4	1,563.39	1/4	1,202.65	1/4	849.31	1/4	504.64	1/4	143.53	1/4		1/4			
1/2	2,272.50	1/2	1,914.34	1/2	1,555.88	1/2	1,195.13	1/2	842.29	1/2	497.11	1/2	136.00	1/2		1/2			
3/4	2,264.98	3/4	1,906.93	3/4	1,548.36	3/4	1,187.61	3/4	835.27	3/4	489.59	3/4	128.47	3/4		3/4			
9	2,257.45	9	1,899.52	9	1,540.85	9	1,180.10	9	828.26	9	482.06	9	120.94	9		9			
1/4	2,249.93	1/4	1,892.11	1/4	1,533.33	1/4	1,172.58	1/4	821.24	1/4	474.54	1/4	113.40	1/4		1/4			
1/2	2,242.41	1/2	1,884.70	1/2	1,525.81	1/2	1,165.06	1/2	814.22	1/2	467.02	1/2	105.86	1/2		1/2			
3/4	2,234.89	3/4	1,877.28	3/4	1,518.30	3/4	1,157.55	3/4	807.20	3/4	459.50	3/4	98.33	3/4		3/4			
10	2,227.36	10	1,869.87	10	1,510.78	10	1,150.03	10	800.19	10	451.97	10	90.79	10		10			
1/4	2,219.85	1/4	1,862.45	1/4	1,503.27	1/4	1,142.51	1/4	793.17	1/4	444.45	1/4	83.26	1/4		1/4			
1/2	2,212.34	1/2	1,855.04	1/2	1,495.75	1/2	1,134.99	1/2	786.15	1/2	436.93	1/2	75.72	1/2		1/2			
3/4	2,204.82	3/4	1,847.62	3/4	1,488.24	3/4	1,127.47	3/4	779.14	3/4	429.42	3/4	68.19	3/4		3/4			
11	2,197.31	11	1,840.20	11	1,480.72	11	1,119.95	11	772.12	11	421.90	11	60.65	11		11			
1/4	2,189.80	1/4	1,832.77	1/4	1,473.21	1/4	1,112.44	1/4	765.11	1/4	414.38	1/4	53.74	1/4		1/4			
1/2	2,182.30	1/2	1,825.35	1/2	1,465.69	1/2	1,104.92	1/2	758.09	1/2	406.86	1/2	46.84	1/2		1/2			
3/4	2,174.79	3/4	1,817.92	3/4	1,458.18	3/4	1,097.41	3/4	751.07	3/4	399.34	3/4	39.93	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2024 JS
COMPUTED: 07/03/2024 CL
PRINTED: 07/05/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

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





BARGE "KIRBY 28095"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 05' 03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	188	0	376	0	563	0	751	0		0		0		0		0	
1/4	4	1/4	192	1/4	379	1/4	567	1/4	755	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	196	1/2	383	1/2	571	1/2	759	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	199	3/4	387	3/4	575	3/4	763	3/4		3/4		3/4		3/4		3/4	
1	16	1	203	1	391	1	579	1	767	1	1	1	1	1	1	1	1	1	1
1/4	20	1/4	207	1/4	395	1/4	583	1/4	771	1/4		1/4		1/4		1/4		1/4	
1/2	23	1/2	211	1/2	399	1/2	587	1/2	774	1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	215	3/4	403	3/4	591	3/4	778	3/4		3/4		3/4		3/4		3/4	
2	31	2	219	2	407	2	595	2	782	2	2	2	2	2	2	2	2	2	2
1/4	35	1/4	223	1/4	411	1/4	598	1/4	786	1/4		1/4		1/4		1/4		1/4	
1/2	39	1/2	227	1/2	415	1/2	602	1/2	790	1/2		1/2		1/2		1/2		1/2	
3/4	43	3/4	231	3/4	419	3/4	606	3/4	794	3/4		3/4		3/4		3/4		3/4	
3	47	3	235	3	422	3	610	3	798	3	3	3	3	3	3	3	3	3	3
1/4	51	1/4	239	1/4	426	1/4	614	1/4	802	1/4		1/4		1/4		1/4		1/4	
1/2	55	1/2	243	1/2	430	1/2	618	1/2	806	1/2		1/2		1/2		1/2		1/2	
3/4	59	3/4	246	3/4	434	3/4	622	3/4	810	3/4		3/4		3/4		3/4		3/4	
4	63	4	250	4	438	4	626	4	814	4	4	4	4	4	4	4	4	4	4
1/4	66	1/4	254	1/4	442	1/4	630	1/4	818	1/4		1/4		1/4		1/4		1/4	
1/2	70	1/2	258	1/2	446	1/2	634	1/2	821	1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	262	3/4	450	3/4	638	3/4	825	3/4		3/4		3/4		3/4		3/4	
5	78	5	266	5	454	5	641	5	829	5	5	5	5	5	5	5	5	5	5
1/4	82	1/4	270	1/4	458	1/4	645	1/4	833	1/4		1/4		1/4		1/4		1/4	
1/2	86	1/2	274	1/2	462	1/2	649	1/2	837	1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	278	3/4	465	3/4	653	3/4	841	3/4		3/4		3/4		3/4		3/4	
6	94	6	282	6	469	6	657	6	845	6	6	6	6	6	6	6	6	6	6
1/4	98	1/4	286	1/4	473	1/4	661	1/4	849	1/4		1/4		1/4		1/4		1/4	
1/2	102	1/2	289	1/2	477	1/2	665	1/2	853	1/2		1/2		1/2		1/2		1/2	
3/4	106	3/4	293	3/4	481	3/4	669	3/4	857	3/4		3/4		3/4		3/4		3/4	
7	110	7	297	7	485	7	673	7	861	7	7	7	7	7	7	7	7	7	7
1/4	113	1/4	301	1/4	489	1/4	677	1/4	864	1/4		1/4		1/4		1/4		1/4	
1/2	117	1/2	305	1/2	493	1/2	681	1/2	868	1/2		1/2		1/2		1/2		1/2	
3/4	121	3/4	309	3/4	497	3/4	685	3/4	872	3/4		3/4		3/4		3/4		3/4	
8	125	8	313	8	501	8	688	8	876	8	8	8	8	8	8	8	8	8	8
1/4	129	1/4	317	1/4	505	1/4	692	1/4	880	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	321	1/2	508	1/2	696	1/2	884	1/2		1/2		1/2		1/2		1/2	
3/4	137	3/4	325	3/4	512	3/4	700	3/4		3/4		3/4		3/4		3/4		3/4	
9	141	9	329	9	516	9	704	9		9	9	9	9	9	9	9	9	9	9
1/4	145	1/4	332	1/4	520	1/4	708	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	149	1/2	336	1/2	524	1/2	712	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	340	3/4	528	3/4	716	3/4		3/4		3/4		3/4		3/4		3/4	
10	156	10	344	10	532	10	720	10	10	10	10	10	10	10	10	10	10	10	10
1/4	160	1/4	348	1/4	536	1/4	724	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164	1/2	352	1/2	540	1/2	728	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168	3/4	356	3/4	544	3/4	731	3/4		3/4		3/4		3/4		3/4		3/4	
11	172	11	360	11	548	11	735	11	11	11	11	11	11	11	11	11	11	11	11
1/4	176	1/4	364	1/4	552	1/4	739	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	180	1/2	368	1/2	555	1/2	743	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	184	3/4	372	3/4	559	3/4	747	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" PIPE.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2024

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PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 28095"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 05' 08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,058	0	2,115	0	3,156	0	4,146	0		0		0		0		0	
1/4	22	1/4	1,080	1/4	2,137	1/4	3,178	1/4	4,166	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,102	1/2	2,159	1/2	3,199	1/2	4,186	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,124	3/4	2,181	3/4	3,220	3/4	4,207	3/4		3/4		3/4		3/4		3/4	
1	88	1	1,146	1	2,203	1	3,241	1	4,227	1	1	1	1	1	1	1	1	1	1
1/4	110	1/4	1,168	1/4	2,225	1/4	3,262	1/4	4,247	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	1,190	1/2	2,247	1/2	3,283	1/2	4,266	1/2		1/2		1/2		1/2		1/2	
3/4	154	3/4	1,212	3/4	2,269	3/4	3,304	3/4	4,286	3/4		3/4		3/4		3/4		3/4	
2	176	2	1,234	2	2,291	2	3,325	2	4,306	2	2	2	2	2	2	2	2	2	2
1/4	198	1/4	1,256	1/4	2,313	1/4	3,346	1/4	4,326	1/4		1/4		1/4		1/4		1/4	
1/2	220	1/2	1,278	1/2	2,335	1/2	3,367	1/2	4,346	1/2		1/2		1/2		1/2		1/2	
3/4	242	3/4	1,300	3/4	2,357	3/4	3,388	3/4	4,365	3/4		3/4		3/4		3/4		3/4	
3	264	3	1,322	3	2,380	3	3,409	3	4,385	3	3	3	3	3	3	3	3	3	3
1/4	286	1/4	1,344	1/4	2,401	1/4	3,430	1/4	4,404	1/4		1/4		1/4		1/4		1/4	
1/2	308	1/2	1,366	1/2	2,423	1/2	3,451	1/2	4,422	1/2		1/2		1/2		1/2		1/2	
3/4	330	3/4	1,388	3/4	2,445	3/4	3,472	3/4	4,441	3/4		3/4		3/4		3/4		3/4	
4	353	4	1,410	4	2,467	4	3,493	4	4,460	4	4	4	4	4	4	4	4	4	4
1/4	375	1/4	1,432	1/4	2,489	1/4	3,513	1/4	4,479	1/4		1/4		1/4		1/4		1/4	
1/2	397	1/2	1,454	1/2	2,511	1/2	3,534	1/2	4,497	1/2		1/2		1/2		1/2		1/2	
3/4	419	3/4	1,476	3/4	2,533	3/4	3,555	3/4	4,516	3/4		3/4		3/4		3/4		3/4	
5	441	5	1,498	5	2,555	5	3,576	5	4,535	5	5	5	5	5	5	5	5	5	5
1/4	463	1/4	1,520	1/4	2,576	1/4	3,596	1/4	4,553	1/4		1/4		1/4		1/4		1/4	
1/2	485	1/2	1,542	1/2	2,598	1/2	3,617	1/2	4,572	1/2		1/2		1/2		1/2		1/2	
3/4	507	3/4	1,564	3/4	2,620	3/4	3,638	3/4	4,591	3/4		3/4		3/4		3/4		3/4	
6	529	6	1,586	6	2,642	6	3,658	6	4,609	6	6	6	6	6	6	6	6	6	6
1/4	551	1/4	1,608	1/4	2,663	1/4	3,679	1/4	4,628	1/4		1/4		1/4		1/4		1/4	
1/2	573	1/2	1,630	1/2	2,685	1/2	3,699	1/2	4,646	1/2		1/2		1/2		1/2		1/2	
3/4	595	3/4	1,652	3/4	2,707	3/4	3,720	3/4	4,665	3/4		3/4		3/4		3/4		3/4	
7	617	7	1,674	7	2,728	7	3,741	7	4,683	7	7	7	7	7	7	7	7	7	7
1/4	639	1/4	1,697	1/4	2,750	1/4	3,761	1/4	4,702	1/4		1/4		1/4		1/4		1/4	
1/2	661	1/2	1,719	1/2	2,771	1/2	3,782	1/2	4,720	1/2		1/2		1/2		1/2		1/2	
3/4	683	3/4	1,741	3/4	2,793	3/4	3,802	3/4	4,739	3/4		3/4		3/4		3/4		3/4	
8	705	8	1,763	8	2,814	8	3,823	8	4,757	8	8	8	8	8	8	8	8	8	8
1/4	727	1/4	1,785	1/4	2,836	1/4	3,843	1/4	4,776	1/4		1/4		1/4		1/4		1/4	
1/2	749	1/2	1,807	1/2	2,858	1/2	3,863	1/2	4,795	1/2		1/2		1/2		1/2		1/2	
3/4	771	3/4	1,829	3/4	2,879	3/4	3,884	3/4		3/4		3/4		3/4		3/4		3/4	
9	793	9	1,851	9	2,901	9	3,904	9		9	9	9	9	9	9	9	9	9	9
1/4	815	1/4	1,873	1/4	2,922	1/4	3,924	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	837	1/2	1,895	1/2	2,943	1/2	3,945	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	859	3/4	1,917	3/4	2,965	3/4	3,965	3/4		3/4		3/4		3/4		3/4		3/4	
10	881	10	1,939	10	2,986	10	3,985	10		10	10	10	10	10	10	10	10	10	10
1/4	903	1/4	1,961	1/4	3,008	1/4	4,005	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	925	1/2	1,983	1/2	3,029	1/2	4,026	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	947	3/4	2,005	3/4	3,050	3/4	4,046	3/4		3/4		3/4		3/4		3/4		3/4	
11	969	11	2,027	11	3,071	11	4,066	11		11	11	11	11	11	11	11	11	11	11
1/4	991	1/4	2,049	1/4	3,093	1/4	4,086	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,013	1/2	2,071	1/2	3,114	1/2	4,106	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,036	3/4	2,093	3/4	3,135	3/4	4,126	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 07/03/2024 JS
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ALL PRIOR TO 07/2024

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Pearland, Texas 77588
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BARGE "KIRBY 28095"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 05' 08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,058	0	2,115	0	3,156	0	4,146	0		0		0		0		0	
1/4	22	1/4	1,080	1/4	2,137	1/4	3,178	1/4	4,166	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,102	1/2	2,159	1/2	3,199	1/2	4,186	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,124	3/4	2,181	3/4	3,220	3/4	4,207	3/4		3/4		3/4		3/4		3/4	
1	88	1	1,146	1	2,203	1	3,241	1	4,227	1	1	1	1	1	1	1	1	1	1
1/4	110	1/4	1,168	1/4	2,225	1/4	3,262	1/4	4,247	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	1,190	1/2	2,247	1/2	3,283	1/2	4,266	1/2		1/2		1/2		1/2		1/2	
3/4	154	3/4	1,212	3/4	2,269	3/4	3,304	3/4	4,286	3/4		3/4		3/4		3/4		3/4	
2	176	2	1,234	2	2,291	2	3,325	2	4,306	2	2	2	2	2	2	2	2	2	2
1/4	198	1/4	1,256	1/4	2,313	1/4	3,346	1/4	4,326	1/4		1/4		1/4		1/4		1/4	
1/2	220	1/2	1,278	1/2	2,335	1/2	3,367	1/2	4,346	1/2		1/2		1/2		1/2		1/2	
3/4	242	3/4	1,300	3/4	2,357	3/4	3,388	3/4	4,365	3/4		3/4		3/4		3/4		3/4	
3	264	3	1,322	3	2,380	3	3,409	3	4,385	3	3	3	3	3	3	3	3	3	3
1/4	286	1/4	1,344	1/4	2,401	1/4	3,430	1/4	4,404	1/4		1/4		1/4		1/4		1/4	
1/2	308	1/2	1,366	1/2	2,423	1/2	3,451	1/2	4,422	1/2		1/2		1/2		1/2		1/2	
3/4	330	3/4	1,388	3/4	2,445	3/4	3,472	3/4	4,441	3/4		3/4		3/4		3/4		3/4	
4	353	4	1,410	4	2,467	4	3,493	4	4,460	4	4	4	4	4	4	4	4	4	4
1/4	375	1/4	1,432	1/4	2,489	1/4	3,513	1/4	4,479	1/4		1/4		1/4		1/4		1/4	
1/2	397	1/2	1,454	1/2	2,511	1/2	3,534	1/2	4,497	1/2		1/2		1/2		1/2		1/2	
3/4	419	3/4	1,476	3/4	2,533	3/4	3,555	3/4	4,516	3/4		3/4		3/4		3/4		3/4	
5	441	5	1,498	5	2,555	5	3,576	5	4,535	5	5	5	5	5	5	5	5	5	5
1/4	463	1/4	1,520	1/4	2,576	1/4	3,596	1/4	4,553	1/4		1/4		1/4		1/4		1/4	
1/2	485	1/2	1,542	1/2	2,598	1/2	3,617	1/2	4,572	1/2		1/2		1/2		1/2		1/2	
3/4	507	3/4	1,564	3/4	2,620	3/4	3,638	3/4	4,591	3/4		3/4		3/4		3/4		3/4	
6	529	6	1,586	6	2,642	6	3,658	6	4,609	6	6	6	6	6	6	6	6	6	6
1/4	551	1/4	1,608	1/4	2,663	1/4	3,679	1/4	4,628	1/4		1/4		1/4		1/4		1/4	
1/2	573	1/2	1,630	1/2	2,685	1/2	3,699	1/2	4,646	1/2		1/2		1/2		1/2		1/2	
3/4	595	3/4	1,652	3/4	2,707	3/4	3,720	3/4	4,665	3/4		3/4		3/4		3/4		3/4	
7	617	7	1,674	7	2,728	7	3,741	7	4,683	7	7	7	7	7	7	7	7	7	7
1/4	639	1/4	1,697	1/4	2,750	1/4	3,761	1/4	4,702	1/4		1/4		1/4		1/4		1/4	
1/2	661	1/2	1,719	1/2	2,771	1/2	3,782	1/2	4,720	1/2		1/2		1/2		1/2		1/2	
3/4	683	3/4	1,741	3/4	2,793	3/4	3,802	3/4	4,739	3/4		3/4		3/4		3/4		3/4	
8	705	8	1,763	8	2,814	8	3,823	8	4,757	8	8	8	8	8	8	8	8	8	8
1/4	727	1/4	1,785	1/4	2,836	1/4	3,843	1/4	4,776	1/4		1/4		1/4		1/4		1/4	
1/2	749	1/2	1,807	1/2	2,858	1/2	3,863	1/2	4,795	1/2		1/2		1/2		1/2		1/2	
3/4	771	3/4	1,829	3/4	2,879	3/4	3,884	3/4		3/4		3/4		3/4		3/4		3/4	
9	793	9	1,851	9	2,901	9	3,904	9		9	9	9	9	9	9	9	9	9	9
1/4	815	1/4	1,873	1/4	2,922	1/4	3,924	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	837	1/2	1,895	1/2	2,943	1/2	3,945	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	859	3/4	1,917	3/4	2,965	3/4	3,965	3/4		3/4		3/4		3/4		3/4		3/4	
10	881	10	1,939	10	2,986	10	3,985	10		10	10	10	10	10	10	10	10	10	10
1/4	903	1/4	1,961	1/4	3,008	1/4	4,005	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	925	1/2	1,983	1/2	3,029	1/2	4,026	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	947	3/4	2,005	3/4	3,050	3/4	4,046	3/4		3/4		3/4		3/4		3/4		3/4	
11	969	11	2,027	11	3,071	11	4,066	11		11	11	11	11	11	11	11	11	11	11
1/4	991	1/4	2,049	1/4	3,093	1/4	4,086	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,013	1/2	2,071	1/2	3,114	1/2	4,106	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,036	3/4	2,093	3/4	3,135	3/4	4,126	3/4		3/4		3/4		3/4		3/4		3/4	

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

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