



BARGE "KIRBY 28092"

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"

March 15, 2024

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28092"

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	4,467.17	0	4,167.00	0	3,851.34	0	3,521.76	0	3,190.28	0	2,858.78	0	2,527.29
1/4		1/4		1/4		1/4	4,460.87	1/4	4,160.60	1/4	3,844.58	1/4	3,514.86	1/4	3,183.37	1/4	2,851.88	1/4	2,520.39
1/2		1/2		1/2		1/2	4,454.58	1/2	4,154.19	1/2	3,837.82	1/2	3,507.95	1/2	3,176.47	1/2	2,844.97	1/2	2,513.48
3/4		3/4		3/4		3/4	4,448.29	3/4	4,147.78	3/4	3,831.06	3/4	3,501.04	3/4	3,169.56	3/4	2,838.06	3/4	2,506.58
1		1		1		1	4,442.00	1	4,141.38	1	3,824.29	1	3,494.14	1	3,162.66	1	2,831.16	1	2,499.67
1/4		1/4		1/4		1/4	4,435.88	1/4	4,134.94	1/4	3,817.51	1/4	3,487.23	1/4	3,155.75	1/4	2,824.25	1/4	2,492.76
1/2		1/2		1/2		1/2	4,429.76	1/2	4,128.51	1/2	3,810.72	1/2	3,480.33	1/2	3,148.84	1/2	2,817.35	1/2	2,485.86
3/4		3/4		3/4		3/4	4,423.64	3/4	4,122.08	3/4	3,803.93	3/4	3,473.42	3/4	3,141.94	3/4	2,810.44	3/4	2,478.95
2		2		2		2	4,417.52	2	4,115.64	2	3,797.14	2	3,466.52	2	3,135.03	2	2,803.53	2	2,472.05
1/4		1/4		1/4		1/4	4,411.38	1/4	4,109.18	1/4	3,790.33	1/4	3,459.61	1/4	3,128.13	1/4	2,796.63	1/4	2,465.14
1/2		1/2		1/2		1/2	4,405.23	1/2	4,102.72	1/2	3,783.51	1/2	3,452.70	1/2	3,121.22	1/2	2,789.72	1/2	2,458.23
3/4		3/4		3/4		3/4	4,399.09	3/4	4,096.26	3/4	3,776.70	3/4	3,445.80	3/4	3,114.31	3/4	2,782.82	3/4	2,451.33
3		3		3		3	4,392.94	3	4,089.80	3	3,769.89	3	3,438.89	3	3,107.41	3	2,775.91	3	2,444.42
1/4		1/4		1/4		1/4	4,386.77	1/4	4,083.32	1/4	3,763.04	1/4	3,431.99	1/4	3,100.50	1/4	2,769.00	1/4	2,437.52
1/2		1/2		1/2		1/2	4,380.60	1/2	4,076.83	1/2	3,756.20	1/2	3,425.08	1/2	3,093.60	1/2	2,762.10	1/2	2,430.61
3/4		3/4		3/4		3/4	4,374.43	3/4	4,070.35	3/4	3,749.36	3/4	3,418.17	3/4	3,086.69	3/4	2,755.19	3/4	2,423.70
4		4		4		4	4,368.26	4	4,063.86	4	3,742.52	4	3,411.27	4	3,079.78	4	2,748.29	4	2,416.80
1/4		1/4		1/4		1/4	4,362.06	1/4	4,057.33	1/4	3,735.66	1/4	3,404.36	1/4	3,072.88	1/4	2,741.38	1/4	2,409.89
1/2		1/2		1/2		1/2	4,355.86	1/2	4,050.80	1/2	3,728.79	1/2	3,397.46	1/2	3,065.97	1/2	2,734.47	1/2	2,402.99
3/4		3/4		3/4		3/4	4,349.67	3/4	4,044.26	3/4	3,721.92	3/4	3,390.55	3/4	3,059.07	3/4	2,727.57	3/4	2,396.08
5		5		5		5	4,343.47	5	4,037.73	5	3,715.06	5	3,383.64	5	3,052.16	5	2,720.66	5	2,389.17
1/4		1/4		1/4		1/4	4,337.24	1/4	4,031.15	1/4	3,708.17	1/4	3,376.74	1/4	3,045.26	1/4	2,713.76	1/4	2,382.27
1/2		1/2		1/2		1/2	4,331.02	1/2	4,024.58	1/2	3,701.28	1/2	3,369.83	1/2	3,038.35	1/2	2,706.85	1/2	2,375.36
3/4		3/4		3/4		3/4	4,324.80	3/4	4,018.00	3/4	3,694.39	3/4	3,362.93	3/4	3,031.44	3/4	2,699.94	3/4	2,368.46
6		6		6		6	4,318.57	6	4,011.42	6	3,687.50	6	3,356.02	6	3,024.54	6	2,693.04	6	2,361.55
1/4		1/4		1/4		1/4	4,312.32	1/4	4,004.81	1/4	3,680.59	1/4	3,349.11	1/4	3,017.63	1/4	2,686.13	1/4	2,354.64
1/2		1/2		1/2		1/2	4,306.07	1/2	3,998.21	1/2	3,673.69	1/2	3,342.21	1/2	3,010.73	1/2	2,679.23	1/2	2,347.74
3/4		3/4		3/4		3/4	4,299.82	3/4	3,991.61	3/4	3,666.79	3/4	3,335.30	3/4	3,003.82	3/4	2,672.32	3/4	2,340.83
7		7		7	4,591.97	7	4,293.57	7	3,985.00	7	3,659.88	7	3,328.40	7	2,996.91	7	2,665.41	7	2,333.93
1/4		1/4		1/4	4,587.18	1/4	4,287.30	1/4	3,978.37	1/4	3,652.97	1/4	3,321.49	1/4	2,990.01	1/4	2,658.51	1/4	2,327.02
1/2		1/2		1/2	4,582.38	1/2	4,281.02	1/2	3,971.74	1/2	3,646.07	1/2	3,314.59	1/2	2,983.10	1/2	2,651.60	1/2	2,320.11
3/4		3/4		3/4	4,577.59	3/4	4,274.75	3/4	3,965.11	3/4	3,639.16	3/4	3,307.68	3/4	2,976.20	3/4	2,644.70	3/4	2,313.21
8		8		8	4,572.80	8	4,268.47	8	3,958.48	8	3,632.26	8	3,300.77	8	2,969.29	8	2,637.79	8	2,306.30
1/4		1/4		1/4	4,566.71	1/4	4,262.17	1/4	3,951.82	1/4	3,625.35	1/4	3,293.87	1/4	2,962.38	1/4	2,630.88	1/4	2,299.40
1/2		1/2		1/2	4,560.62	1/2	4,255.87	1/2	3,945.17	1/2	3,618.45	1/2	3,286.96	1/2	2,955.47	1/2	2,623.98	1/2	2,292.49
3/4		3/4		3/4	4,554.53	3/4	4,249.56	3/4	3,938.51	3/4	3,611.54	3/4	3,280.06	3/4	2,948.56	3/4	2,617.07	3/4	2,285.58
9		9		9	4,548.44	9	4,243.26	9	3,931.85	9	3,604.63	9	3,273.15	9	2,941.65	9	2,610.17	9	2,278.68
1/4		1/4		1/4	4,541.66	1/4	4,236.93	1/4	3,925.17	1/4	3,597.73	1/4	3,266.24	1/4	2,934.75	1/4	2,603.26	1/4	2,271.77
1/2		1/2		1/2	4,534.88	1/2	4,230.60	1/2	3,918.49	1/2	3,590.82	1/2	3,259.34	1/2	2,927.84	1/2	2,596.35	1/2	2,264.87
3/4		3/4		3/4	4,528.10	3/4	4,224.28	3/4	3,911.80	3/4	3,583.92	3/4	3,252.43	3/4	2,920.94	3/4	2,589.45	3/4	2,257.96
10		10		10	4,521.32	10	4,217.95	10	3,905.12	10	3,577.01	10	3,245.53	10	2,914.03	10	2,582.54	10	2,251.05
1/4		1/4		1/4	4,514.46	1/4	4,211.59	1/4	3,898.41	1/4	3,570.10	1/4	3,238.62	1/4	2,907.12	1/4	2,575.64	1/4	2,244.15
1/2		1/2		1/2	4,507.59	1/2	4,205.24	1/2	3,891.70	1/2	3,563.20	1/2	3,231.71	1/2	2,900.22	1/2	2,568.73	1/2	2,237.24
3/4		3/4		3/4	4,500.72	3/4	4,198.88	3/4	3,884.99	3/4	3,556.29	3/4	3,224.81	3/4	2,893.31	3/4	2,561.82	3/4	2,230.34
11		11		11	4,493.86	11	4,192.53	11	3,878.28	11	3,549.39	11	3,217.90	11	2,886.41	11	2,554.92	11	2,223.43
1/4		1/4		1/4	4,487.18	1/4	4,186.15	1/4	3,871.55	1/4	3,542.48	1/4	3,211.00	1/4	2,879.50	1/4	2,548.01	1/4	2,216.52
1/2		1/2		1/2	4,480.51	1/2	4,179.77	1/2	3,864.81	1/2	3,535.57	1/2	3,204.09	1/2	2,872.59	1/2	2,541.11	1/2	2,209.62
3/4		3/4		3/4	4,473.84	3/4	4,173.39	3/4	3,858.08	3/4	3,528.67	3/4	3,197.19	3/4	2,865.69	3/4	2,534.20	3/4	2,202.71

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 1/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

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BARGE "KIRBY 28092"

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	2,195.81	0	1,864.25	0	1,532.63	0	1,201.01	0	873.30	0	566.79	0	282.78	0	23.48	0		0	
1/4	2,188.90	1/4	1,857.34	1/4	1,525.72	1/4	1,194.10	1/4	866.68	1/4	560.68	1/4	277.12	1/4	20.15	1/4		1/4	
1/2	2,181.99	1/2	1,850.43	1/2	1,518.81	1/2	1,187.19	1/2	860.07	1/2	554.56	1/2	271.45	1/2	16.82	1/2		1/2	
3/4	2,175.09	3/4	1,843.52	3/4	1,511.90	3/4	1,180.29	3/4	853.46	3/4	548.44	3/4	265.78	3/4	13.50	3/4		3/4	
1	2,168.18	1	1,836.61	1	1,505.00	1	1,173.38	1	846.85	1	542.33	1	260.12	1	10.16	1		1	
1/4	2,161.28	1/4	1,829.70	1/4	1,498.09	1/4	1,166.47	1/4	840.27	1/4	536.25	1/4	254.49	1/4		1/4		1/4	
1/2	2,154.37	1/2	1,822.80	1/2	1,491.18	1/2	1,159.56	1/2	833.70	1/2	530.17	1/2	248.86	1/2		1/2		1/2	
3/4	2,147.46	3/4	1,815.89	3/4	1,484.27	3/4	1,152.65	3/4	827.12	3/4	524.10	3/4	243.24	3/4		3/4		3/4	
2	2,140.56	2	1,808.98	2	1,477.36	2	1,145.74	2	820.55	2	518.02	2	237.61	2		2		2	
1/4	2,133.65	1/4	1,802.07	1/4	1,470.45	1/4	1,138.83	1/4	814.02	1/4	511.97	1/4	232.02	1/4		1/4		1/4	
1/2	2,126.75	1/2	1,795.16	1/2	1,463.54	1/2	1,131.93	1/2	807.48	1/2	505.93	1/2	226.43	1/2		1/2		1/2	
3/4	2,119.84	3/4	1,788.25	3/4	1,456.63	3/4	1,125.02	3/4	800.95	3/4	499.88	3/4	220.85	3/4		3/4		3/4	
3	2,112.93	3	1,781.34	3	1,449.73	3	1,118.11	3	794.41	3	493.83	3	215.26	3		3		3	
1/4	2,106.03	1/4	1,774.43	1/4	1,442.82	1/4	1,111.20	1/4	787.92	1/4	487.81	1/4	209.71	1/4		1/4		1/4	
1/2	2,099.12	1/2	1,767.53	1/2	1,435.91	1/2	1,104.29	1/2	781.42	1/2	481.80	1/2	204.16	1/2		1/2		1/2	
3/4	2,092.22	3/4	1,760.62	3/4	1,429.00	3/4	1,097.38	3/4	774.93	3/4	475.78	3/4	198.61	3/4		3/4		3/4	
4	2,085.31	4	1,753.71	4	1,422.09	4	1,090.47	4	768.43	4	469.76	4	193.06	4		4		4	
1/4	2,078.40	1/4	1,746.80	1/4	1,415.18	1/4	1,083.57	1/4	761.98	1/4	463.78	1/4	187.55	1/4		1/4		1/4	
1/2	2,071.50	1/2	1,739.89	1/2	1,408.27	1/2	1,076.67	1/2	755.52	1/2	457.79	1/2	182.04	1/2		1/2		1/2	
3/4	2,064.59	3/4	1,732.98	3/4	1,401.36	3/4	1,069.76	3/4	749.07	3/4	451.81	3/4	176.53	3/4		3/4		3/4	
5	2,057.69	5	1,726.07	5	1,394.46	5	1,062.86	5	742.61	5	445.83	5	171.03	5		5		5	
1/4	2,050.78	1/4	1,719.16	1/4	1,387.55	1/4	1,055.97	1/4	736.20	1/4	439.89	1/4	165.56	1/4		1/4		1/4	
1/2	2,043.87	1/2	1,712.26	1/2	1,380.64	1/2	1,049.09	1/2	729.79	1/2	433.94	1/2	160.09	1/2		1/2		1/2	
3/4	2,036.96	3/4	1,705.35	3/4	1,373.73	3/4	1,042.21	3/4	723.38	3/4	428.00	3/4	154.62	3/4		3/4		3/4	
6	2,030.06	6	1,698.44	6	1,366.82	6	1,035.32	6	716.96	6	422.06	6	149.15	6		6		6	
1/4	2,023.15	1/4	1,691.53	1/4	1,359.91	1/4	1,028.47	1/4	710.60	1/4	416.15	1/4	143.72	1/4		1/4		1/4	
1/2	2,016.24	1/2	1,684.62	1/2	1,353.00	1/2	1,021.62	1/2	704.24	1/2	410.25	1/2	138.29	1/2		1/2		1/2	
3/4	2,009.33	3/4	1,677.71	3/4	1,346.10	3/4	1,014.77	3/4	697.88	3/4	404.35	3/4	132.85	3/4		3/4		3/4	
7	2,002.42	7	1,670.80	7	1,339.19	7	1,007.92	7	691.51	7	398.44	7	127.42	7		7		7	
1/4	1,995.51	1/4	1,663.90	1/4	1,332.28	1/4	1,001.11	1/4	685.20	1/4	392.58	1/4	122.03	1/4		1/4		1/4	
1/2	1,988.60	1/2	1,656.99	1/2	1,325.37	1/2	994.30	1/2	678.88	1/2	386.72	1/2	116.64	1/2		1/2		1/2	
3/4	1,981.70	3/4	1,650.08	3/4	1,318.46	3/4	987.49	3/4	672.57	3/4	380.85	3/4	111.25	3/4		3/4		3/4	
8	1,974.79	8	1,643.17	8	1,311.55	8	980.68	8	666.25	8	374.99	8	105.86	8		8		8	
1/4	1,967.88	1/4	1,636.26	1/4	1,304.64	1/4	973.91	1/4	659.98	1/4	369.16	1/4	100.51	1/4		1/4		1/4	
1/2	1,960.97	1/2	1,629.35	1/2	1,297.73	1/2	967.14	1/2	653.70	1/2	363.34	1/2	95.16	1/2		1/2		1/2	
3/4	1,954.06	3/4	1,622.44	3/4	1,290.83	3/4	960.37	3/4	647.42	3/4	357.51	3/4	89.81	3/4		3/4		3/4	
9	1,947.15	9	1,615.53	9	1,283.92	9	953.60	9	641.15	9	351.69	9	84.45	9		9		9	
1/4	1,940.24	1/4	1,608.63	1/4	1,277.01	1/4	946.87	1/4	634.91	1/4	345.91	1/4	79.14	1/4		1/4		1/4	
1/2	1,933.33	1/2	1,601.72	1/2	1,270.10	1/2	940.14	1/2	628.68	1/2	340.12	1/2	73.83	1/2		1/2		1/2	
3/4	1,926.43	3/4	1,594.81	3/4	1,263.19	3/4	933.41	3/4	622.44	3/4	334.34	3/4	68.52	3/4		3/4		3/4	
10	1,919.52	10	1,587.90	10	1,256.28	10	926.68	10	616.20	10	328.55	10	63.21	10		10		10	
1/4	1,912.61	1/4	1,580.99	1/4	1,249.37	1/4	919.98	1/4	610.01	1/4	322.81	1/4	57.93	1/4		1/4		1/4	
1/2	1,905.70	1/2	1,574.08	1/2	1,242.46	1/2	913.29	1/2	603.81	1/2	317.07	1/2	52.66	1/2		1/2		1/2	
3/4	1,898.79	3/4	1,567.17	3/4	1,235.56	3/4	906.60	3/4	597.61	3/4	311.33	3/4	47.39	3/4		3/4		3/4	
11	1,891.88	11	1,560.26	11	1,228.65	11	899.91	11	591.42	11	305.59	11	42.11	11		11		11	
1/4	1,884.97	1/4	1,553.36	1/4	1,221.74	1/4	893.26	1/4	585.26	1/4	299.89	1/4	37.46	1/4		1/4		1/4	
1/2	1,878.06	1/2	1,546.45	1/2	1,214.83	1/2	886.60	1/2	579.10	1/2	294.19	1/2	32.80	1/2		1/2		1/2	
3/4	1,871.16	3/4	1,539.54	3/4	1,207.92	3/4	879.95	3/4	572.95	3/4	288.48	3/4	28.14	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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	4,473.03	0	4,172.73	0	3,858.23	0	3,529.46	0	3,198.44	0	2,867.42	0	2,536.40
1/4		1/4		1/4		1/4	4,466.37	1/4	4,166.36	1/4	3,851.50	1/4	3,522.57	1/4	3,191.55	1/4	2,860.52	1/4	2,529.50
1/2		1/2		1/2		1/2	4,459.70	1/2	4,159.99	1/2	3,844.78	1/2	3,515.67	1/2	3,184.65	1/2	2,853.63	1/2	2,522.60
3/4		3/4		3/4		3/4	4,453.42	3/4	4,153.59	3/4	3,838.03	3/4	3,508.77	3/4	3,177.76	3/4	2,846.73	3/4	2,515.71
1		1		1		1	4,447.14	1	4,147.19	1	3,831.27	1	3,501.88	1	3,170.86	1	2,839.83	1	2,508.81
1/4		1/4		1/4		1/4	4,440.85	1/4	4,140.79	1/4	3,824.52	1/4	3,494.98	1/4	3,163.96	1/4	2,832.94	1/4	2,501.92
1/2		1/2		1/2		1/2	4,434.57	1/2	4,134.39	1/2	3,817.77	1/2	3,488.09	1/2	3,157.07	1/2	2,826.04	1/2	2,495.02
3/4		3/4		3/4		3/4	4,428.46	3/4	4,127.97	3/4	3,810.99	3/4	3,481.19	3/4	3,150.17	3/4	2,819.15	3/4	2,488.12
2		2		2		2	4,422.35	2	4,121.55	2	3,804.21	2	3,474.29	2	3,143.28	2	2,812.25	2	2,481.23
1/4		1/4		1/4		1/4	4,416.24	1/4	4,115.12	1/4	3,797.44	1/4	3,467.40	1/4	3,136.38	1/4	2,805.35	1/4	2,474.33
1/2		1/2		1/2		1/2	4,410.13	1/2	4,108.70	1/2	3,790.66	1/2	3,460.50	1/2	3,129.48	1/2	2,798.46	1/2	2,467.43
3/4		3/4		3/4		3/4	4,404.00	3/4	4,102.25	3/4	3,783.85	3/4	3,453.60	3/4	3,122.59	3/4	2,791.56	3/4	2,460.54
3		3		3		3	4,397.86	3	4,095.80	3	3,777.05	3	3,446.71	3	3,115.69	3	2,784.66	3	2,453.64
1/4		1/4		1/4		1/4	4,391.73	1/4	4,089.35	1/4	3,770.24	1/4	3,439.81	1/4	3,108.79	1/4	2,777.77	1/4	2,446.75
1/2		1/2		1/2		1/2	4,385.59	1/2	4,082.90	1/2	3,763.44	1/2	3,432.92	1/2	3,101.90	1/2	2,770.87	1/2	2,439.85
3/4		3/4		3/4		3/4	4,379.43	3/4	4,076.42	3/4	3,756.61	3/4	3,426.02	3/4	3,095.00	3/4	2,763.97	3/4	2,432.95
4		4		4		4	4,373.27	4	4,069.94	4	3,749.78	4	3,419.12	4	3,088.11	4	2,757.08	4	2,426.06
1/4		1/4		1/4		1/4	4,367.10	1/4	4,063.47	1/4	3,742.95	1/4	3,412.23	1/4	3,081.21	1/4	2,750.18	1/4	2,419.16
1/2		1/2		1/2		1/2	4,360.94	1/2	4,056.99	1/2	3,736.12	1/2	3,405.33	1/2	3,074.31	1/2	2,743.29	1/2	2,412.26
3/4		3/4		3/4		3/4	4,354.75	3/4	4,050.47	3/4	3,729.26	3/4	3,398.43	3/4	3,067.42	3/4	2,736.39	3/4	2,405.37
5		5		5		5	4,348.57	5	4,043.95	5	3,722.40	5	3,391.54	5	3,060.52	5	2,729.49	5	2,398.47
1/4		1/4		1/4		1/4	4,342.38	1/4	4,037.42	1/4	3,715.55	1/4	3,384.64	1/4	3,053.62	1/4	2,722.60	1/4	2,391.57
1/2		1/2		1/2		1/2	4,336.19	1/2	4,030.90	1/2	3,708.69	1/2	3,377.75	1/2	3,046.73	1/2	2,715.70	1/2	2,384.68
3/4		3/4		3/4		3/4	4,329.98	3/4	4,024.33	3/4	3,701.81	3/4	3,370.85	3/4	3,039.83	3/4	2,708.80	3/4	2,377.78
6		6		6		6	4,323.76	6	4,017.76	6	3,694.93	6	3,363.95	6	3,032.94	6	2,701.91	6	2,370.89
1/4		1/4		1/4		1/4	4,317.55	1/4	4,011.20	1/4	3,688.05	1/4	3,357.06	1/4	3,026.04	1/4	2,695.01	1/4	2,363.99
1/2		1/2		1/2		1/2	4,311.33	1/2	4,004.63	1/2	3,681.17	1/2	3,350.16	1/2	3,019.14	1/2	2,688.12	1/2	2,357.09
3/4		3/4		3/4		3/4	4,305.09	3/4	3,998.03	3/4	3,674.28	3/4	3,343.27	3/4	3,012.25	3/4	2,681.22	3/4	2,350.20
7		7		7		7	4,298.85	7	3,991.44	7	3,667.38	7	3,336.37	7	3,005.35	7	2,674.32	7	2,343.30
1/4		1/4		1/4		1/4	4,292.61	1/4	3,984.84	1/4	3,660.49	1/4	3,329.47	1/4	2,998.45	1/4	2,667.43	1/4	2,336.40
1/2		1/2		1/2		1/2	4,584.33	1/2	4,286.37	1/2	3,978.25	1/2	3,653.59	1/2	3,322.58	1/2	2,991.56	1/2	2,660.53
3/4		3/4		3/4		3/4	4,579.54	3/4	4,280.10	3/4	3,971.63	3/4	3,646.70	3/4	3,315.68	3/4	2,984.66	3/4	2,653.63
8		8		8		8	4,574.76	8	4,273.84	8	3,965.01	8	3,639.80	8	3,308.78	8	2,977.77	8	2,646.74
1/4		1/4		1/4		1/4	4,569.97	1/4	4,267.57	1/4	3,958.38	1/4	3,632.91	1/4	3,301.89	1/4	2,970.87	1/4	2,639.84
1/2		1/2		1/2		1/2	4,565.18	1/2	4,261.30	1/2	3,951.76	1/2	3,626.01	1/2	3,294.99	1/2	2,963.97	1/2	2,632.95
3/4		3/4		3/4		3/4	4,559.10	3/4	4,255.01	3/4	3,945.12	3/4	3,619.11	3/4	3,288.10	3/4	2,957.08	3/4	2,626.05
9		9		9		9	4,553.02	9	4,248.72	9	3,938.47	9	3,612.22	9	3,281.20	9	2,950.18	9	2,619.15
1/4		1/4		1/4		1/4	4,546.94	1/4	4,242.42	1/4	3,931.82	1/4	3,605.32	1/4	3,274.30	1/4	2,943.28	1/4	2,612.26
1/2		1/2		1/2		1/2	4,540.86	1/2	4,236.13	1/2	3,925.17	1/2	3,598.42	1/2	3,267.41	1/2	2,936.38	1/2	2,605.36
3/4		3/4		3/4		3/4	4,534.09	3/4	4,229.81	3/4	3,918.50	3/4	3,591.53	3/4	3,260.51	3/4	2,929.49	3/4	2,598.46
10		10		10		10	4,527.32	10	4,223.49	10	3,911.83	10	3,584.63	10	3,253.61	10	2,922.59	10	2,591.57
1/4		1/4		1/4		1/4	4,520.55	1/4	4,217.17	1/4	3,905.15	1/4	3,577.74	1/4	3,246.72	1/4	2,915.69	1/4	2,584.67
1/2		1/2		1/2		1/2	4,513.78	1/2	4,210.85	1/2	3,898.48	1/2	3,570.84	1/2	3,239.82	1/2	2,908.80	1/2	2,577.77
3/4		3/4		3/4		3/4	4,506.93	3/4	4,204.51	3/4	3,891.78	3/4	3,563.94	3/4	3,232.93	3/4	2,901.90	3/4	2,570.88
11		11		11		11	4,500.07	11	4,198.16	11	3,885.08	11	3,557.05	11	3,226.03	11	2,895.00	11	2,563.98
1/4		1/4		1/4		1/4	4,493.21	1/4	4,191.82	1/4	3,878.38	1/4	3,550.15	1/4	3,219.13	1/4	2,888.11	1/4	2,557.09
1/2		1/2		1/2		1/2	4,486.36	1/2	4,185.47	1/2	3,871.68	1/2	3,543.25	1/2	3,212.24	1/2	2,881.21	1/2	2,550.19
3/4		3/4		3/4		3/4	4,479.69	3/4	4,179.10	3/4	3,864.96	3/4	3,536.36	3/4	3,205.34	3/4	2,874.32	3/4	2,543.29

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 1/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28092"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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	2,205.37	0	1,874.28	0	1,543.14	0	1,211.99	0	884.66	0	578.20	0	293.72	0	32.75	0		0	
1/4	2,198.48	1/4	1,867.38	1/4	1,536.24	1/4	1,205.09	1/4	878.03	1/4	572.06	1/4	288.03	1/4	28.10	1/4		1/4	
1/2	2,191.58	1/2	1,860.49	1/2	1,529.34	1/2	1,198.19	1/2	871.41	1/2	565.91	1/2	282.33	1/2	23.45	1/2		1/2	
3/4	2,184.69	3/4	1,853.59	3/4	1,522.44	3/4	1,191.29	3/4	864.83	3/4	559.80	3/4	276.68	3/4	20.12	3/4		3/4	
1	2,177.79	1	1,846.69	1	1,515.54	1	1,184.39	1	858.25	1	553.70	1	271.02	1	16.80	1		1	
1/4	2,170.89	1/4	1,839.79	1/4	1,508.64	1/4	1,177.49	1/4	851.67	1/4	547.59	1/4	265.36	1/4	13.48	1/4		1/4	
1/2	2,164.00	1/2	1,832.89	1/2	1,501.74	1/2	1,170.60	1/2	845.08	1/2	541.49	1/2	259.71	1/2	10.15	1/2		1/2	
3/4	2,157.10	3/4	1,825.99	3/4	1,494.84	3/4	1,163.70	3/4	838.54	3/4	535.42	3/4	254.09	3/4		3/4		3/4	
2	2,150.20	2	1,819.09	2	1,487.95	2	1,156.80	2	832.00	2	529.35	2	248.47	2		2		2	
1/4	2,143.31	1/4	1,812.19	1/4	1,481.05	1/4	1,149.90	1/4	825.46	1/4	523.28	1/4	242.85	1/4		1/4		1/4	
1/2	2,136.41	1/2	1,805.29	1/2	1,474.15	1/2	1,143.00	1/2	818.91	1/2	517.21	1/2	237.23	1/2		1/2		1/2	
3/4	2,129.52	3/4	1,798.40	3/4	1,467.25	3/4	1,136.10	3/4	812.41	3/4	511.17	3/4	231.65	3/4		3/4		3/4	
3	2,122.62	3	1,791.50	3	1,460.35	3	1,129.20	3	805.91	3	505.14	3	226.07	3		3		3	
1/4	2,115.72	1/4	1,784.60	1/4	1,453.45	1/4	1,122.30	1/4	799.40	1/4	499.10	1/4	220.49	1/4		1/4		1/4	
1/2	2,108.83	1/2	1,777.70	1/2	1,446.55	1/2	1,115.40	1/2	792.90	1/2	493.06	1/2	214.91	1/2		1/2		1/2	
3/4	2,101.93	3/4	1,770.80	3/4	1,439.65	3/4	1,108.51	3/4	786.43	3/4	487.05	3/4	209.37	3/4		3/4		3/4	
4	2,095.03	4	1,763.90	4	1,432.75	4	1,101.61	4	779.97	4	481.04	4	203.83	4		4		4	
1/4	2,088.14	1/4	1,757.00	1/4	1,425.86	1/4	1,094.71	1/4	773.51	1/4	475.03	1/4	198.29	1/4		1/4		1/4	
1/2	2,081.24	1/2	1,750.10	1/2	1,418.96	1/2	1,087.81	1/2	767.04	1/2	469.02	1/2	192.75	1/2		1/2		1/2	
3/4	2,074.34	3/4	1,743.20	3/4	1,412.06	3/4	1,080.92	3/4	760.62	3/4	463.05	3/4	187.25	3/4		3/4		3/4	
5	2,067.45	5	1,736.31	5	1,405.16	5	1,074.02	5	754.19	5	457.08	5	181.75	5		5		5	
1/4	2,060.55	1/4	1,729.41	1/4	1,398.26	1/4	1,067.13	1/4	747.77	1/4	451.10	1/4	176.25	1/4		1/4		1/4	
1/2	2,053.66	1/2	1,722.51	1/2	1,391.36	1/2	1,060.23	1/2	741.34	1/2	445.13	1/2	170.75	1/2		1/2		1/2	
3/4	2,046.76	3/4	1,715.61	3/4	1,384.46	3/4	1,053.36	3/4	734.96	3/4	439.20	3/4	165.29	3/4		3/4		3/4	
6	2,039.86	6	1,708.71	6	1,377.56	6	1,046.48	6	728.58	6	433.26	6	159.83	6		6		6	
1/4	2,032.96	1/4	1,701.81	1/4	1,370.66	1/4	1,039.61	1/4	722.20	1/4	427.33	1/4	154.37	1/4		1/4		1/4	
1/2	2,026.06	1/2	1,694.91	1/2	1,363.77	1/2	1,032.74	1/2	715.82	1/2	421.39	1/2	148.91	1/2		1/2		1/2	
3/4	2,019.16	3/4	1,688.01	3/4	1,356.87	3/4	1,025.91	3/4	709.47	3/4	415.50	3/4	143.49	3/4		3/4		3/4	
7	2,012.26	7	1,681.11	7	1,349.97	7	1,019.08	7	703.13	7	409.61	7	138.06	7		7		7	
1/4	2,005.36	1/4	1,674.22	1/4	1,343.07	1/4	1,012.25	1/4	696.79	1/4	403.71	1/4	132.64	1/4		1/4		1/4	
1/2	1,998.46	1/2	1,667.32	1/2	1,336.17	1/2	1,005.42	1/2	690.45	1/2	397.82	1/2	127.22	1/2		1/2		1/2	
3/4	1,991.57	3/4	1,660.42	3/4	1,329.27	3/4	998.64	3/4	684.14	3/4	391.96	3/4	121.84	3/4		3/4		3/4	
8	1,984.67	8	1,653.52	8	1,322.37	8	991.86	8	677.84	8	386.11	8	116.45	8		8		8	
1/4	1,977.77	1/4	1,646.62	1/4	1,315.47	1/4	985.08	1/4	671.53	1/4	380.25	1/4	111.07	1/4		1/4		1/4	
1/2	1,970.87	1/2	1,639.72	1/2	1,308.57	1/2	978.30	1/2	665.22	1/2	374.40	1/2	105.69	1/2		1/2		1/2	
3/4	1,963.97	3/4	1,632.82	3/4	1,301.68	3/4	971.56	3/4	658.96	3/4	368.58	3/4	100.35	3/4		3/4		3/4	
9	1,957.07	9	1,625.92	9	1,294.78	9	964.82	9	652.69	9	362.77	9	95.00	9		9		9	
1/4	1,950.17	1/4	1,619.02	1/4	1,287.88	1/4	958.08	1/4	646.42	1/4	356.95	1/4	89.66	1/4		1/4		1/4	
1/2	1,943.27	1/2	1,612.13	1/2	1,280.98	1/2	951.34	1/2	640.16	1/2	351.13	1/2	84.32	1/2		1/2		1/2	
3/4	1,936.37	3/4	1,605.23	3/4	1,274.08	3/4	944.64	3/4	633.93	3/4	345.36	3/4	79.01	3/4		3/4		3/4	
10	1,929.48	10	1,598.33	10	1,267.18	10	937.94	10	627.70	10	339.58	10	73.71	10		10		10	
1/4	1,922.58	1/4	1,591.43	1/4	1,260.28	1/4	931.24	1/4	621.48	1/4	333.81	1/4	68.41	1/4		1/4		1/4	
1/2	1,915.68	1/2	1,584.53	1/2	1,253.38	1/2	924.54	1/2	615.25	1/2	328.03	1/2	63.10	1/2		1/2		1/2	
3/4	1,908.78	3/4	1,577.63	3/4	1,246.48	3/4	917.88	3/4	609.06	3/4	322.30	3/4	57.84	3/4		3/4		3/4	
11	1,901.88	11	1,570.73	11	1,239.59	11	911.22	11	602.87	11	316.57	11	52.58	11		11		11	
1/4	1,894.98	1/4	1,563.83	1/4	1,232.69	1/4	904.56	1/4	596.69	1/4	310.84	1/4	47.31	1/4		1/4		1/4	
1/2	1,888.08	1/2	1,556.93	1/2	1,225.79	1/2	897.90	1/2	590.50	1/2	305.10	1/2	42.05	1/2		1/2		1/2	
3/4	1,881.18	3/4	1,550.04	3/4	1,218.89	3/4	891.28	3/4	584.35	3/4	299.41	3/4	37.40	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

2 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	5,416.60	0	5,064.71	0	4,694.62	0	4,308.21	0	3,919.55	0	3,530.89	0	3,142.23
1/4		1/4		1/4		1/4	5,409.22	1/4	5,057.19	1/4	4,686.69	1/4	4,300.11	1/4	3,911.45	1/4	3,522.79	1/4	3,134.13
1/2		1/2		1/2		1/2	5,401.84	1/2	5,049.68	1/2	4,678.76	1/2	4,292.01	1/2	3,903.36	1/2	3,514.69	1/2	3,126.03
3/4		3/4		3/4		3/4	5,394.46	3/4	5,042.17	3/4	4,670.83	3/4	4,283.91	3/4	3,895.26	3/4	3,506.60	3/4	3,117.94
1		1		1		1	5,387.09	1	5,034.66	1	4,662.91	1	4,275.82	1	3,887.16	1	3,498.50	1	3,109.84
1/4		1/4		1/4		1/4	5,379.91	1/4	5,027.12	1/4	4,654.95	1/4	4,267.72	1/4	3,879.06	1/4	3,490.40	1/4	3,101.74
1/2		1/2		1/2		1/2	5,372.74	1/2	5,019.58	1/2	4,646.99	1/2	4,259.62	1/2	3,870.97	1/2	3,482.30	1/2	3,093.64
3/4		3/4		3/4		3/4	5,365.57	3/4	5,012.03	3/4	4,639.03	3/4	4,251.53	3/4	3,862.87	3/4	3,474.21	3/4	3,085.55
2		2		2		2	5,358.40	2	5,004.49	2	4,631.07	2	4,243.43	2	3,854.77	2	3,466.11	2	3,077.45
1/4		1/4		1/4		1/4	5,351.19	1/4	4,996.92	1/4	4,623.08	1/4	4,235.33	1/4	3,846.68	1/4	3,458.01	1/4	3,069.35
1/2		1/2		1/2		1/2	5,343.99	1/2	4,989.34	1/2	4,615.09	1/2	4,227.24	1/2	3,838.58	1/2	3,449.92	1/2	3,061.26
3/4		3/4		3/4		3/4	5,336.78	3/4	4,981.77	3/4	4,607.10	3/4	4,219.14	3/4	3,830.48	3/4	3,441.82	3/4	3,053.16
3		3		3		3	5,329.58	3	4,974.20	3	4,599.11	3	4,211.04	3	3,822.39	3	3,433.72	3	3,045.06
1/4		1/4		1/4		1/4	5,322.35	1/4	4,966.60	1/4	4,591.09	1/4	4,202.94	1/4	3,814.29	1/4	3,425.62	1/4	3,036.96
1/2		1/2		1/2		1/2	5,315.11	1/2	4,958.99	1/2	4,583.07	1/2	4,194.85	1/2	3,806.19	1/2	3,417.53	1/2	3,028.87
3/4		3/4		3/4		3/4	5,307.88	3/4	4,951.39	3/4	4,575.05	3/4	4,186.75	3/4	3,798.09	3/4	3,409.43	3/4	3,020.77
4		4		4		4	5,300.64	4	4,943.78	4	4,567.03	4	4,178.65	4	3,790.00	4	3,401.33	4	3,012.67
1/4		1/4		1/4		1/4	5,293.38	1/4	4,936.13	1/4	4,558.98	1/4	4,170.56	1/4	3,781.90	1/4	3,393.24	1/4	3,004.58
1/2		1/2		1/2		1/2	5,286.11	1/2	4,928.47	1/2	4,550.93	1/2	4,162.46	1/2	3,773.80	1/2	3,385.14	1/2	2,996.48
3/4		3/4		3/4		3/4	5,278.85	3/4	4,920.81	3/4	4,542.88	3/4	4,154.36	3/4	3,765.71	3/4	3,377.04	3/4	2,988.38
5		5		5		5	5,271.58	5	4,913.15	5	4,534.83	5	4,146.27	5	3,757.61	5	3,368.95	5	2,980.28
1/4		1/4		1/4		1/4	5,264.28	1/4	4,905.44	1/4	4,526.75	1/4	4,138.17	1/4	3,749.51	1/4	3,360.85	1/4	2,972.19
1/2		1/2		1/2		1/2	5,256.99	1/2	4,897.73	1/2	4,518.68	1/2	4,130.07	1/2	3,741.42	1/2	3,352.75	1/2	2,964.09
3/4		3/4		3/4		3/4	5,249.69	3/4	4,890.01	3/4	4,510.60	3/4	4,121.97	3/4	3,733.32	3/4	3,344.65	3/4	2,955.99
6		6		6		6	5,242.40	6	4,882.30	6	4,502.52	6	4,113.88	6	3,725.22	6	3,336.56	6	2,947.90
1/4		1/4		1/4		1/4	5,235.07	1/4	4,874.56	1/4	4,494.43	1/4	4,105.78	1/4	3,717.12	1/4	3,328.46	1/4	2,939.80
1/2		1/2		1/2		1/2	5,227.74	1/2	4,866.82	1/2	4,486.33	1/2	4,097.68	1/2	3,709.03	1/2	3,320.36	1/2	2,931.70
3/4		3/4		3/4		3/4	5,220.42	3/4	4,859.07	3/4	4,478.24	3/4	4,089.59	3/4	3,700.93	3/4	3,312.27	3/4	2,923.60
7		7		7	5,562.92	7	5,213.09	7	4,851.33	7	4,470.15	7	4,081.49	7	3,692.83	7	3,304.17	7	2,915.51
1/4		1/4		1/4	5,557.30	1/4	5,205.73	1/4	4,843.55	1/4	4,462.05	1/4	4,073.39	1/4	3,684.74	1/4	3,296.07	1/4	2,907.41
1/2		1/2		1/2	5,551.68	1/2	5,198.37	1/2	4,835.78	1/2	4,453.95	1/2	4,065.30	1/2	3,676.64	1/2	3,287.97	1/2	2,899.31
3/4		3/4		3/4	5,546.06	3/4	5,191.02	3/4	4,828.01	3/4	4,445.85	3/4	4,057.20	3/4	3,668.54	3/4	3,279.88	3/4	2,891.22
8		8		8	5,540.44	8	5,183.66	8	4,820.23	8	4,437.76	8	4,049.10	8	3,660.45	8	3,271.78	8	2,883.12
1/4		1/4		1/4	5,533.30	1/4	5,176.27	1/4	4,812.43	1/4	4,429.66	1/4	4,041.00	1/4	3,652.35	1/4	3,263.68	1/4	2,875.02
1/2		1/2		1/2	5,526.16	1/2	5,168.88	1/2	4,804.62	1/2	4,421.56	1/2	4,032.91	1/2	3,644.25	1/2	3,255.59	1/2	2,866.93
3/4		3/4		3/4	5,519.02	3/4	5,161.49	3/4	4,796.82	3/4	4,413.47	3/4	4,024.81	3/4	3,636.15	3/4	3,247.49	3/4	2,858.83
9		9		9	5,511.88	9	5,154.10	9	4,789.01	9	4,405.37	9	4,016.71	9	3,628.05	9	3,239.39	9	2,850.73
1/4		1/4		1/4	5,503.93	1/4	5,146.69	1/4	4,781.18	1/4	4,397.27	1/4	4,008.62	1/4	3,619.96	1/4	3,231.29	1/4	2,842.63
1/2		1/2		1/2	5,495.98	1/2	5,139.27	1/2	4,773.34	1/2	4,389.18	1/2	4,000.52	1/2	3,611.86	1/2	3,223.20	1/2	2,834.54
3/4		3/4		3/4	5,488.04	3/4	5,131.85	3/4	4,765.51	3/4	4,381.08	3/4	3,992.42	3/4	3,603.76	3/4	3,215.10	3/4	2,826.44
10		10		10	5,480.09	10	5,124.43	10	4,757.67	10	4,372.98	10	3,984.33	10	3,595.66	10	3,207.00	10	2,818.34
1/4		1/4		1/4	5,472.04	1/4	5,116.98	1/4	4,749.81	1/4	4,364.88	1/4	3,976.23	1/4	3,587.57	1/4	3,198.91	1/4	2,810.25
1/2		1/2		1/2	5,463.99	1/2	5,109.53	1/2	4,741.94	1/2	4,356.79	1/2	3,968.13	1/2	3,579.47	1/2	3,190.81	1/2	2,802.15
3/4		3/4		3/4	5,455.94	3/4	5,102.08	3/4	4,734.07	3/4	4,348.69	3/4	3,960.03	3/4	3,571.37	3/4	3,182.71	3/4	2,794.05
11		11		11	5,447.89	11	5,094.63	11	4,726.21	11	4,340.59	11	3,951.94	11	3,563.28	11	3,174.61	11	2,785.95
1/4		1/4		1/4	5,440.06	1/4	5,087.15	1/4	4,718.31	1/4	4,332.50	1/4	3,943.84	1/4	3,555.18	1/4	3,166.52	1/4	2,777.86
1/2		1/2		1/2	5,432.24	1/2	5,079.67	1/2	4,710.41	1/2	4,324.40	1/2	3,935.74	1/2	3,547.08	1/2	3,158.42	1/2	2,769.76
3/4		3/4		3/4	5,424.42	3/4	5,072.19	3/4	4,702.52	3/4	4,316.30	3/4	3,927.65	3/4	3,538.98	3/4	3,150.32	3/4	2,761.66

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 28092"

2 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	2,753.57	0	2,364.81	0	1,976.00	0	1,587.19	0	1,198.38	0	810.08	0	421.58	0	35.47	0		0	
1/4	2,745.47	1/4	2,356.71	1/4	1,967.90	1/4	1,579.09	1/4	1,190.28	1/4	802.01	1/4	413.48	1/4	30.07	1/4		1/4	
1/2	2,737.37	1/2	2,348.61	1/2	1,959.80	1/2	1,570.99	1/2	1,182.18	1/2	793.93	1/2	405.38	1/2	24.67	1/2		1/2	
3/4	2,729.27	3/4	2,340.51	3/4	1,951.70	3/4	1,562.89	3/4	1,174.08	3/4	785.86	3/4	397.28	3/4	19.27	3/4		3/4	
1	2,721.18	1	2,332.41	1	1,943.60	1	1,554.79	1	1,165.98	1	777.78	1	389.18	1	13.87	1		1	
1/4	2,713.08	1/4	2,324.31	1/4	1,935.50	1/4	1,546.69	1/4	1,157.88	1/4	769.71	1/4	381.08	1/4		1/4		1/4	
1/2	2,704.98	1/2	2,316.21	1/2	1,927.40	1/2	1,538.59	1/2	1,149.78	1/2	761.63	1/2	372.98	1/2		1/2		1/2	
3/4	2,696.89	3/4	2,308.11	3/4	1,919.30	3/4	1,530.49	3/4	1,141.68	3/4	753.55	3/4	364.88	3/4		3/4		3/4	
2	2,688.79	2	2,300.01	2	1,911.20	2	1,522.39	2	1,133.58	2	745.47	2	356.78	2		2		2	
1/4	2,680.69	1/4	2,291.91	1/4	1,903.10	1/4	1,514.29	1/4	1,125.48	1/4	737.39	1/4	348.68	1/4		1/4		1/4	
1/2	2,672.59	1/2	2,283.81	1/2	1,895.00	1/2	1,506.19	1/2	1,117.38	1/2	729.30	1/2	340.58	1/2		1/2		1/2	
3/4	2,664.50	3/4	2,275.71	3/4	1,886.90	3/4	1,498.09	3/4	1,109.28	3/4	721.22	3/4	332.48	3/4		3/4		3/4	
3	2,656.40	3	2,267.61	3	1,878.80	3	1,489.99	3	1,101.18	3	713.13	3	324.38	3		3		3	
1/4	2,648.30	1/4	2,259.51	1/4	1,870.70	1/4	1,481.89	1/4	1,093.08	1/4	705.03	1/4	316.28	1/4		1/4		1/4	
1/2	2,640.21	1/2	2,251.41	1/2	1,862.60	1/2	1,473.79	1/2	1,084.98	1/2	696.94	1/2	308.18	1/2		1/2		1/2	
3/4	2,632.11	3/4	2,243.31	3/4	1,854.50	3/4	1,465.69	3/4	1,076.88	3/4	688.84	3/4	300.08	3/4		3/4		3/4	
4	2,624.01	4	2,235.21	4	1,846.40	4	1,457.59	4	1,068.78	4	680.74	4	291.98	4		4		4	
1/4	2,615.92	1/4	2,227.11	1/4	1,838.30	1/4	1,449.49	1/4	1,060.68	1/4	672.64	1/4	283.88	1/4		1/4		1/4	
1/2	2,607.82	1/2	2,219.01	1/2	1,830.20	1/2	1,441.39	1/2	1,052.58	1/2	664.54	1/2	275.78	1/2		1/2		1/2	
3/4	2,599.72	3/4	2,210.91	3/4	1,822.10	3/4	1,433.29	3/4	1,044.48	3/4	656.44	3/4	267.68	3/4		3/4		3/4	
5	2,591.62	5	2,202.81	5	1,814.00	5	1,425.19	5	1,036.38	5	648.34	5	259.58	5		5		5	
1/4	2,583.52	1/4	2,194.71	1/4	1,805.90	1/4	1,417.09	1/4	1,028.28	1/4	640.24	1/4	251.48	1/4		1/4		1/4	
1/2	2,575.42	1/2	2,186.61	1/2	1,797.80	1/2	1,408.99	1/2	1,020.18	1/2	632.14	1/2	243.38	1/2		1/2		1/2	
3/4	2,567.32	3/4	2,178.51	3/4	1,789.70	3/4	1,400.89	3/4	1,012.09	3/4	624.04	3/4	235.28	3/4		3/4		3/4	
6	2,559.22	6	2,170.41	6	1,781.60	6	1,392.79	6	1,003.99	6	615.94	6	227.18	6		6		6	
1/4	2,551.12	1/4	2,162.31	1/4	1,773.50	1/4	1,384.69	1/4	995.90	1/4	607.84	1/4	219.08	1/4		1/4		1/4	
1/2	2,543.02	1/2	2,154.21	1/2	1,765.40	1/2	1,376.59	1/2	987.82	1/2	599.74	1/2	210.98	1/2		1/2		1/2	
3/4	2,534.92	3/4	2,146.11	3/4	1,757.30	3/4	1,368.49	3/4	979.73	3/4	591.64	3/4	202.88	3/4		3/4		3/4	
7	2,526.81	7	2,138.01	7	1,749.20	7	1,360.39	7	971.65	7	583.54	7	194.77	7		7		7	
1/4	2,518.71	1/4	2,129.91	1/4	1,741.10	1/4	1,352.29	1/4	963.57	1/4	575.44	1/4	186.67	1/4		1/4		1/4	
1/2	2,510.61	1/2	2,121.80	1/2	1,733.00	1/2	1,344.19	1/2	955.49	1/2	567.34	1/2	178.57	1/2		1/2		1/2	
3/4	2,502.51	3/4	2,113.70	3/4	1,724.90	3/4	1,336.09	3/4	947.41	3/4	559.24	3/4	170.47	3/4		3/4		3/4	
8	2,494.41	8	2,105.60	8	1,716.79	8	1,327.99	8	939.33	8	551.14	8	162.37	8		8		8	
1/4	2,486.31	1/4	2,097.50	1/4	1,708.69	1/4	1,319.89	1/4	931.26	1/4	543.04	1/4	154.27	1/4		1/4		1/4	
1/2	2,478.21	1/2	2,089.40	1/2	1,700.59	1/2	1,311.78	1/2	923.18	1/2	534.94	1/2	146.17	1/2		1/2		1/2	
3/4	2,470.11	3/4	2,081.30	3/4	1,692.49	3/4	1,303.68	3/4	915.10	3/4	526.84	3/4	138.07	3/4		3/4		3/4	
9	2,462.01	9	2,073.20	9	1,684.39	9	1,295.58	9	907.02	9	518.74	9	129.97	9		9		9	
1/4	2,453.91	1/4	2,065.10	1/4	1,676.29	1/4	1,287.48	1/4	898.94	1/4	510.64	1/4	121.87	1/4		1/4		1/4	
1/2	2,445.81	1/2	2,057.00	1/2	1,668.19	1/2	1,279.38	1/2	890.86	1/2	502.54	1/2	113.77	1/2		1/2		1/2	
3/4	2,437.71	3/4	2,048.90	3/4	1,660.09	3/4	1,271.28	3/4	882.78	3/4	494.44	3/4	105.67	3/4		3/4		3/4	
10	2,429.61	10	2,040.80	10	1,651.99	10	1,263.18	10	874.71	10	486.34	10	97.57	10		10		10	
1/4	2,421.51	1/4	2,032.70	1/4	1,643.89	1/4	1,255.08	1/4	866.63	1/4	478.25	1/4	89.47	1/4		1/4		1/4	
1/2	2,413.41	1/2	2,024.60	1/2	1,635.79	1/2	1,246.98	1/2	858.55	1/2	470.15	1/2	81.37	1/2		1/2		1/2	
3/4	2,405.31	3/4	2,016.50	3/4	1,627.69	3/4	1,238.88	3/4	850.47	3/4	462.05	3/4	73.27	3/4		3/4		3/4	
11	2,397.21	11	2,008.40	11	1,619.59	11	1,230.78	11	842.39	11	453.96	11	65.17	11		11		11	
1/4	2,389.11	1/4	2,000.30	1/4	1,611.49	1/4	1,222.68	1/4	834.32	1/4	445.86	1/4	57.75	1/4		1/4		1/4	
1/2	2,381.01	1/2	1,992.20	1/2	1,603.39	1/2	1,214.58	1/2	826.24	1/2	437.77	1/2	50.32	1/2		1/2		1/2	
3/4	2,372.91	3/4	1,984.10	3/4	1,595.29	3/4	1,206.48	3/4	818.16	3/4	429.67	3/4	42.90	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

2 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	5,381.34	0	5,030.21	0	4,661.71	0	4,276.74	0	3,889.34	0	3,501.93	0	3,114.52		
1/4		1/4		1/4		1/4	5,373.54	1/4	5,022.75	1/4	4,653.84	1/4	4,268.67	1/4	3,881.27	1/4	3,493.86	1/4	3,106.45		
1/2		1/2		1/2		1/2	5,366.19	1/2	5,015.26	1/2	4,645.94	1/2	4,260.60	1/2	3,873.19	1/2	3,485.79	1/2	3,098.37		
3/4		3/4		3/4		3/4	5,358.83	3/4	5,007.78	3/4	4,638.03	3/4	4,252.53	3/4	3,865.12	3/4	3,477.72	3/4	3,090.30		
1		1		1		1	5,351.48	1	5,000.29	1	4,630.13	1	4,244.46	1	3,857.05	1	3,469.65	1	3,082.23		
1/4		1/4		1/4		1/4	5,344.13	1/4	4,992.80	1/4	4,622.23	1/4	4,236.39	1/4	3,848.98	1/4	3,461.57	1/4	3,074.16		
1/2		1/2		1/2		1/2	5,336.98	1/2	4,985.28	1/2	4,614.30	1/2	4,228.32	1/2	3,840.91	1/2	3,453.50	1/2	3,066.09		
3/4		3/4		3/4		3/4	5,329.83	3/4	4,977.76	3/4	4,606.36	3/4	4,220.25	3/4	3,832.84	3/4	3,445.43	3/4	3,058.02		
2		2		2		2	5,322.67	2	4,970.25	2	4,598.43	2	4,212.18	2	3,824.77	2	3,437.36	2	3,049.95		
1/4		1/4		1/4		1/4	5,315.52	1/4	4,962.73	1/4	4,590.50	1/4	4,204.11	1/4	3,816.70	1/4	3,429.29	1/4	3,041.88		
1/2		1/2		1/2		1/2	5,308.34	1/2	4,955.18	1/2	4,582.53	1/2	4,196.03	1/2	3,808.63	1/2	3,421.22	1/2	3,033.81		
3/4		3/4		3/4		3/4	5,301.16	3/4	4,947.63	3/4	4,574.57	3/4	4,187.96	3/4	3,800.56	3/4	3,413.15	3/4	3,025.74		
3		3		3		3	5,293.98	3	4,940.08	3	4,566.61	3	4,179.89	3	3,792.48	3	3,405.08	3	3,017.66		
1/4		1/4		1/4		1/4	5,286.80	1/4	4,932.53	1/4	4,558.64	1/4	4,171.82	1/4	3,784.41	1/4	3,397.01	1/4	3,009.59		
1/2		1/2		1/2		1/2	5,279.59	1/2	4,924.95	1/2	4,550.65	1/2	4,163.75	1/2	3,776.34	1/2	3,388.93	1/2	3,001.52		
3/4		3/4		3/4		3/4	5,272.37	3/4	4,917.37	3/4	4,542.65	3/4	4,155.68	3/4	3,768.27	3/4	3,380.86	3/4	2,993.45		
4		4		4		4	5,265.16	4	4,909.79	4	4,534.66	4	4,147.61	4	3,760.20	4	3,372.79	4	2,985.38		
1/4		1/4		1/4		1/4	5,257.95	1/4	4,902.21	1/4	4,526.66	1/4	4,139.54	1/4	3,752.13	1/4	3,364.72	1/4	2,977.31		
1/2		1/2		1/2		1/2	5,250.71	1/2	4,894.58	1/2	4,518.64	1/2	4,131.47	1/2	3,744.06	1/2	3,356.65	1/2	2,969.24		
3/4		3/4		3/4		3/4	5,243.46	3/4	4,886.94	3/4	4,510.62	3/4	4,123.40	3/4	3,735.99	3/4	3,348.58	3/4	2,961.17		
5		5		5		5	5,236.22	5	4,879.31	5	4,502.59	5	4,115.32	5	3,727.92	5	3,340.51	5	2,953.10		
1/4		1/4		1/4		1/4	5,228.98	1/4	4,871.68	1/4	4,494.57	1/4	4,107.25	1/4	3,719.85	1/4	3,332.44	1/4	2,945.02		
1/2		1/2		1/2		1/2	5,221.71	1/2	4,863.99	1/2	4,486.51	1/2	4,099.18	1/2	3,711.77	1/2	3,324.37	1/2	2,936.95		
3/4		3/4		3/4		3/4	5,214.43	3/4	4,856.30	3/4	4,478.46	3/4	4,091.11	3/4	3,703.70	3/4	3,316.29	3/4	2,928.88		
6		6		6		6	5,207.16	6	4,848.61	6	4,470.41	6	4,083.04	6	3,695.63	6	3,308.22	6	2,920.81		
1/4		1/4		1/4		1/4	5,199.89	1/4	4,840.92	1/4	4,462.36	1/4	4,074.97	1/4	3,687.56	1/4	3,300.15	1/4	2,912.74		
1/2		1/2		1/2		1/2	5,192.58	1/2	4,833.21	1/2	4,454.29	1/2	4,066.90	1/2	3,679.49	1/2	3,292.08	1/2	2,904.67		
3/4		3/4		3/4		3/4	5,185.28	3/4	4,825.49	3/4	4,446.23	3/4	4,058.83	3/4	3,671.42	3/4	3,284.01	3/4	2,896.60		
7		7		7		7	5,177.97	7	4,817.77	7	4,438.16	7	4,050.76	7	3,663.35	7	3,275.94	7	2,888.53		
1/4		1/4		1/4		1/4	5,519.39	1/4	5,170.67	1/4	4,810.05	1/4	4,430.09	1/4	4,042.69	1/4	3,655.28	1/4	3,267.87	1/4	2,880.46
1/2		1/2		1/2		1/2	5,513.79	1/2	5,163.34	1/2	4,802.30	1/2	4,422.02	1/2	4,034.61	1/2	3,647.21	1/2	3,259.80	1/2	2,872.38
3/4		3/4		3/4		3/4	5,508.19	3/4	5,156.00	3/4	4,794.55	3/4	4,413.95	3/4	4,026.54	3/4	3,639.14	3/4	3,251.73	3/4	2,864.31
8		8		8		8	5,502.59	8	5,148.67	8	4,786.80	8	4,405.88	8	4,018.47	8	3,631.06	8	3,243.65	8	2,856.24
1/4		1/4		1/4		1/4	5,496.98	1/4	5,141.33	1/4	4,779.05	1/4	4,397.81	1/4	4,010.40	1/4	3,622.99	1/4	3,235.58	1/4	2,848.17
1/2		1/2		1/2		1/2	5,489.87	1/2	5,133.97	1/2	4,771.27	1/2	4,389.74	1/2	4,002.33	1/2	3,614.92	1/2	3,227.51	1/2	2,840.10
3/4		3/4		3/4		3/4	5,482.75	3/4	5,126.60	3/4	4,763.49	3/4	4,381.67	3/4	3,994.26	3/4	3,606.85	3/4	3,219.44	3/4	2,832.03
9		9		9		9	5,475.64	9	5,119.24	9	4,755.71	9	4,373.60	9	3,986.19	9	3,598.78	9	3,211.37	9	2,823.96
1/4		1/4		1/4		1/4	5,468.52	1/4	5,111.87	1/4	4,747.93	1/4	4,365.53	1/4	3,978.12	1/4	3,590.71	1/4	3,203.30	1/4	2,815.89
1/2		1/2		1/2		1/2	5,460.60	1/2	5,104.47	1/2	4,740.12	1/2	4,357.45	1/2	3,970.05	1/2	3,582.64	1/2	3,195.23	1/2	2,807.82
3/4		3/4		3/4		3/4	5,452.68	3/4	5,097.08	3/4	4,732.31	3/4	4,349.38	3/4	3,961.98	3/4	3,574.57	3/4	3,187.16	3/4	2,799.74
10		10		10		10	5,444.75	10	5,089.68	10	4,724.50	10	4,341.31	10	3,953.90	10	3,566.50	10	3,179.09	10	2,791.67
1/4		1/4		1/4		1/4	5,436.83	1/4	5,082.29	1/4	4,716.69	1/4	4,333.24	1/4	3,945.83	1/4	3,558.43	1/4	3,171.01	1/4	2,783.60
1/2		1/2		1/2		1/2	5,428.81	1/2	5,074.86	1/2	4,708.85	1/2	4,325.17	1/2	3,937.76	1/2	3,550.36	1/2	3,162.94	1/2	2,775.53
3/4		3/4		3/4		3/4	5,420.78	3/4	5,067.43	3/4	4,701.01	3/4	4,317.10	3/4	3,929.69	3/4	3,542.29	3/4	3,154.87	3/4	2,767.46
11		11		11		11	5,412.76	11	5,060.01	11	4,693.17	11	4,309.03	11	3,921.62	11	3,534.21	11	3,146.80	11	2,759.39
1/4		1/4		1/4		1/4	5,404.73	1/4	5,052.58	1/4	4,685.33	1/4	4,300.96	1/4	3,913.55	1/4	3,526.14	1/4	3,138.73	1/4	2,751.32
1/2		1/2		1/2		1/2	5,396.94	1/2	5,045.12	1/2	4,677.45	1/2	4,292.89	1/2	3,905.48	1/2	3,518.07	1/2	3,130.66	1/2	2,743.25
3/4		3/4		3/4		3/4	5,389.14	3/4	5,037.67	3/4	4,669.58	3/4	4,284.82	3/4	3,897.41	3/4	3,510.00	3/4	3,122.59	3/4	2,735.18

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 28092"

2 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	2,727.10	0	2,339.61	0	1,952.05	0	1,564.49	0	1,182.13	0	809.72	0	428.29	0	42.76	0		0	
1/4	2,719.03	1/4	2,331.54	1/4	1,943.98	1/4	1,556.42	1/4	1,174.36	1/4	801.98	1/4	420.22	1/4	35.36	1/4		1/4	
1/2	2,710.96	1/2	2,323.47	1/2	1,935.90	1/2	1,548.34	1/2	1,166.59	1/2	794.23	1/2	412.15	1/2	29.97	1/2		1/2	
3/4	2,702.89	3/4	2,315.39	3/4	1,927.83	3/4	1,540.27	3/4	1,158.82	3/4	786.49	3/4	404.07	3/4	24.59	3/4		3/4	
1	2,694.82	1	2,307.32	1	1,919.76	1	1,532.19	1	1,151.05	1	778.74	1	396.00	1	19.21	1		1	
1/4	2,686.75	1/4	2,299.24	1/4	1,911.68	1/4	1,524.12	1/4	1,143.28	1/4	771.00	1/4	387.93	1/4	13.82	1/4		1/4	
1/2	2,678.68	1/2	2,291.17	1/2	1,903.61	1/2	1,516.05	1/2	1,135.51	1/2	763.25	1/2	379.86	1/2		1/2		1/2	
3/4	2,670.61	3/4	2,283.10	3/4	1,895.53	3/4	1,507.97	3/4	1,127.75	3/4	755.51	3/4	371.78	3/4		3/4		3/4	
2	2,662.54	2	2,275.02	2	1,887.46	2	1,499.90	2	1,119.98	2	747.76	2	363.71	2		2		2	
1/4	2,654.46	1/4	2,266.95	1/4	1,879.39	1/4	1,491.82	1/4	1,112.21	1/4	740.02	1/4	355.63	1/4		1/4		1/4	
1/2	2,646.39	1/2	2,258.87	1/2	1,871.31	1/2	1,483.75	1/2	1,104.44	1/2	732.26	1/2	347.56	1/2		1/2		1/2	
3/4	2,638.32	3/4	2,250.80	3/4	1,863.24	3/4	1,475.68	3/4	1,096.67	3/4	724.51	3/4	339.48	3/4		3/4		3/4	
3	2,630.25	3	2,242.72	3	1,855.16	3	1,467.60	3	1,088.90	3	716.76	3	331.41	3		3		3	
1/4	2,622.18	1/4	2,234.65	1/4	1,847.09	1/4	1,459.53	1/4	1,081.13	1/4	709.00	1/4	323.34	1/4		1/4		1/4	
1/2	2,614.11	1/2	2,226.58	1/2	1,839.01	1/2	1,451.45	1/2	1,073.37	1/2	701.24	1/2	315.26	1/2		1/2		1/2	
3/4	2,606.04	3/4	2,218.50	3/4	1,830.94	3/4	1,443.38	3/4	1,065.60	3/4	693.47	3/4	307.19	3/4		3/4		3/4	
4	2,597.97	4	2,210.43	4	1,822.87	4	1,435.30	4	1,057.83	4	685.71	4	299.11	4		4		4	
1/4	2,589.90	1/4	2,202.35	1/4	1,814.79	1/4	1,427.23	1/4	1,050.06	1/4	677.94	1/4	291.04	1/4		1/4		1/4	
1/2	2,581.82	1/2	2,194.28	1/2	1,806.72	1/2	1,419.16	1/2	1,042.29	1/2	670.02	1/2	282.96	1/2		1/2		1/2	
3/4	2,573.75	3/4	2,186.21	3/4	1,798.64	3/4	1,411.08	3/4	1,034.52	3/4	662.10	3/4	274.89	3/4		3/4		3/4	
5	2,565.68	5	2,178.13	5	1,790.57	5	1,403.01	5	1,026.75	5	654.18	5	266.82	5		5		5	
1/4	2,557.61	1/4	2,170.06	1/4	1,782.50	1/4	1,394.93	1/4	1,018.99	1/4	646.25	1/4	258.74	1/4		1/4		1/4	
1/2	2,549.54	1/2	2,161.98	1/2	1,774.42	1/2	1,386.86	1/2	1,011.22	1/2	638.18	1/2	250.67	1/2		1/2		1/2	
3/4	2,541.47	3/4	2,153.91	3/4	1,766.35	3/4	1,378.79	3/4	1,003.45	3/4	630.11	3/4	242.59	3/4		3/4		3/4	
6	2,533.39	6	2,145.83	6	1,758.27	6	1,370.71	6	995.69	6	622.03	6	234.52	6		6		6	
1/4	2,525.32	1/4	2,137.76	1/4	1,750.20	1/4	1,362.64	1/4	987.92	1/4	613.96	1/4	226.45	1/4		1/4		1/4	
1/2	2,517.25	1/2	2,129.69	1/2	1,742.12	1/2	1,354.56	1/2	980.17	1/2	605.88	1/2	218.37	1/2		1/2		1/2	
3/4	2,509.17	3/4	2,121.61	3/4	1,734.05	3/4	1,346.49	3/4	972.41	3/4	597.81	3/4	210.30	3/4		3/4		3/4	
7	2,501.10	7	2,113.54	7	1,725.98	7	1,338.41	7	964.66	7	589.74	7	202.22	7		7		7	
1/4	2,493.02	1/4	2,105.46	1/4	1,717.90	1/4	1,330.34	1/4	956.91	1/4	581.66	1/4	194.15	1/4		1/4		1/4	
1/2	2,484.95	1/2	2,097.39	1/2	1,709.83	1/2	1,322.42	1/2	949.16	1/2	573.59	1/2	186.07	1/2		1/2		1/2	
3/4	2,476.88	3/4	2,089.31	3/4	1,701.75	3/4	1,314.50	3/4	941.41	3/4	565.51	3/4	178.00	3/4		3/4		3/4	
8	2,468.80	8	2,081.24	8	1,693.68	8	1,306.58	8	933.67	8	557.44	8	169.93	8		8		8	
1/4	2,460.73	1/4	2,073.17	1/4	1,685.60	1/4	1,298.65	1/4	925.92	1/4	549.36	1/4	161.85	1/4		1/4		1/4	
1/2	2,452.65	1/2	2,065.09	1/2	1,677.53	1/2	1,290.89	1/2	918.17	1/2	541.29	1/2	153.78	1/2		1/2		1/2	
3/4	2,444.58	3/4	2,057.02	3/4	1,669.46	3/4	1,283.12	3/4	910.42	3/4	533.22	3/4	145.70	3/4		3/4		3/4	
9	2,436.51	9	2,048.94	9	1,661.38	9	1,275.35	9	902.68	9	525.14	9	137.63	9		9		9	
1/4	2,428.43	1/4	2,040.87	1/4	1,653.31	1/4	1,267.58	1/4	894.93	1/4	517.07	1/4	129.56	1/4		1/4		1/4	
1/2	2,420.36	1/2	2,032.80	1/2	1,645.23	1/2	1,259.81	1/2	887.18	1/2	508.99	1/2	121.48	1/2		1/2		1/2	
3/4	2,412.28	3/4	2,024.72	3/4	1,637.16	3/4	1,252.04	3/4	879.44	3/4	500.92	3/4	113.41	3/4		3/4		3/4	
10	2,404.21	10	2,016.65	10	1,629.09	10	1,244.27	10	871.69	10	492.85	10	105.33	10		10		10	
1/4	2,396.13	1/4	2,008.57	1/4	1,621.01	1/4	1,236.51	1/4	863.94	1/4	484.78	1/4	97.26	1/4		1/4		1/4	
1/2	2,388.06	1/2	2,000.50	1/2	1,612.94	1/2	1,228.74	1/2	856.20	1/2	476.71	1/2	89.18	1/2		1/2		1/2	
3/4	2,379.99	3/4	1,992.42	3/4	1,604.86	3/4	1,220.97	3/4	848.45	3/4	468.64	3/4	81.11	3/4		3/4		3/4	
11	2,371.91	11	1,984.35	11	1,596.79	11	1,213.20	11	840.70	11	460.57	11	73.04	11		11		11	
1/4	2,363.84	1/4	1,976.28	1/4	1,588.71	1/4	1,205.43	1/4	832.96	1/4	452.50	1/4	64.96	1/4		1/4		1/4	
1/2	2,355.76	1/2	1,968.20	1/2	1,580.64	1/2	1,197.66	1/2	825.21	1/2	444.43	1/2	57.56	1/2		1/2		1/2	
3/4	2,347.69	3/4	1,960.13	3/4	1,572.57	3/4	1,189.89	3/4	817.47	3/4	436.36	3/4	50.16	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

3 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	4,749.30	0	4,488.51	0	4,210.21	0	3,916.95	0	3,621.60	0	3,268.93	0	2,908.18
1/4		1/4		1/4		1/4	4,743.87	1/4	4,482.89	1/4	4,204.22	1/4	3,910.80	1/4	3,614.95	1/4	3,261.42	1/4	2,900.66
1/2		1/2		1/2		1/2	4,738.44	1/2	4,477.27	1/2	4,198.22	1/2	3,904.64	1/2	3,608.31	1/2	3,253.90	1/2	2,893.15
3/4		3/4		3/4		3/4	4,733.01	3/4	4,471.65	3/4	4,192.23	3/4	3,898.49	3/4	3,601.67	3/4	3,246.39	3/4	2,885.63
1		1		1		1	4,727.58	1	4,466.03	1	4,186.23	1	3,892.34	1	3,595.03	1	3,238.87	1	2,878.12
1/4		1/4		1/4		1/4	4,722.34	1/4	4,460.38	1/4	4,180.21	1/4	3,886.18	1/4	3,588.00	1/4	3,231.35	1/4	2,870.60
1/2		1/2		1/2		1/2	4,717.10	1/2	4,454.73	1/2	4,174.18	1/2	3,880.03	1/2	3,580.97	1/2	3,223.84	1/2	2,863.09
3/4		3/4		3/4		3/4	4,711.86	3/4	4,449.08	3/4	4,168.16	3/4	3,873.88	3/4	3,573.94	3/4	3,216.32	3/4	2,855.57
2		2		2		2	4,706.62	2	4,443.43	2	4,162.13	2	3,867.72	2	3,566.91	2	3,208.81	2	2,848.05
1/4		1/4		1/4		1/4	4,701.35	1/4	4,437.75	1/4	4,156.08	1/4	3,861.57	1/4	3,559.45	1/4	3,201.29	1/4	2,840.54
1/2		1/2		1/2		1/2	4,696.09	1/2	4,432.08	1/2	4,150.03	1/2	3,855.42	1/2	3,551.99	1/2	3,193.78	1/2	2,833.02
3/4		3/4		3/4		3/4	4,690.82	3/4	4,426.40	3/4	4,143.97	3/4	3,849.26	3/4	3,544.53	3/4	3,186.26	3/4	2,825.51
3		3		3		3	4,685.55	3	4,420.72	3	4,137.92	3	3,843.11	3	3,537.07	3	3,178.74	3	2,817.99
1/4		1/4		1/4		1/4	4,680.22	1/4	4,415.02	1/4	4,131.84	1/4	3,836.96	1/4	3,529.66	1/4	3,171.23	1/4	2,810.48
1/2		1/2		1/2		1/2	4,674.89	1/2	4,409.31	1/2	4,125.76	1/2	3,830.80	1/2	3,522.26	1/2	3,163.71	1/2	2,802.96
3/4		3/4		3/4		3/4	4,669.56	3/4	4,403.60	3/4	4,119.67	3/4	3,824.65	3/4	3,514.85	3/4	3,156.20	3/4	2,795.44
4		4		4		4	4,664.23	4	4,397.90	4	4,113.59	4	3,818.50	4	3,507.45	4	3,148.68	4	2,787.93
1/4		1/4		1/4		1/4	4,658.84	1/4	4,392.15	1/4	4,107.48	1/4	3,812.35	1/4	3,500.04	1/4	3,141.17	1/4	2,780.41
1/2		1/2		1/2		1/2	4,653.45	1/2	4,386.40	1/2	4,101.37	1/2	3,806.19	1/2	3,492.64	1/2	3,133.65	1/2	2,772.90
3/4		3/4		3/4		3/4	4,648.06	3/4	4,380.65	3/4	4,095.26	3/4	3,800.04	3/4	3,485.23	3/4	3,126.13	3/4	2,765.38
5		5		5		5	4,642.66	5	4,374.90	5	4,089.15	5	3,793.89	5	3,477.83	5	3,118.62	5	2,757.87
1/4		1/4		1/4		1/4	4,637.24	1/4	4,369.10	1/4	4,083.02	1/4	3,787.73	1/4	3,470.43	1/4	3,111.10	1/4	2,750.35
1/2		1/2		1/2		1/2	4,631.82	1/2	4,363.30	1/2	4,076.88	1/2	3,781.58	1/2	3,463.02	1/2	3,103.59	1/2	2,742.83
3/4		3/4		3/4		3/4	4,626.40	3/4	4,357.51	3/4	4,070.75	3/4	3,775.43	3/4	3,455.62	3/4	3,096.07	3/4	2,735.32
6		6		6		6	4,620.98	6	4,351.71	6	4,064.61	6	3,769.27	6	3,448.21	6	3,088.56	6	2,727.80
1/4		1/4		1/4		1/4	4,615.54	1/4	4,345.89	1/4	4,058.46	1/4	3,763.12	1/4	3,440.81	1/4	3,081.04	1/4	2,720.29
1/2		1/2		1/2		1/2	4,610.09	1/2	4,340.06	1/2	4,052.31	1/2	3,756.97	1/2	3,433.40	1/2	3,073.52	1/2	2,712.77
3/4		3/4		3/4		3/4	4,604.64	3/4	4,334.24	3/4	4,046.16	3/4	3,750.81	3/4	3,426.00	3/4	3,066.01	3/4	2,705.26
7		7		7	4,856.76	7	4,599.19	7	4,328.42	7	4,040.01	7	3,744.66	7	3,418.59	7	3,058.49	7	2,697.74
1/4		1/4		1/4	4,852.96	1/4	4,593.71	1/4	4,322.56	1/4	4,033.86	1/4	3,738.51	1/4	3,411.18	1/4	3,050.98	1/4	2,690.22
1/2		1/2		1/2	4,849.17	1/2	4,588.24	1/2	4,316.71	1/2	4,027.71	1/2	3,732.35	1/2	3,403.78	1/2	3,043.46	1/2	2,682.71
3/4		3/4		3/4	4,845.37	3/4	4,582.76	3/4	4,310.86	3/4	4,021.55	3/4	3,726.20	3/4	3,396.37	3/4	3,035.95	3/4	2,675.19
8		8		8	4,841.57	8	4,577.28	8	4,305.00	8	4,015.40	8	3,720.05	8	3,388.97	8	3,028.43	8	2,667.68
1/4		1/4		1/4	4,836.36	1/4	4,571.78	1/4	4,299.12	1/4	4,009.25	1/4	3,713.89	1/4	3,381.51	1/4	3,020.92	1/4	2,660.16
1/2		1/2		1/2	4,831.15	1/2	4,566.27	1/2	4,293.24	1/2	4,003.09	1/2	3,707.74	1/2	3,374.05	1/2	3,013.40	1/2	2,652.65
3/4		3/4		3/4	4,825.95	3/4	4,560.77	3/4	4,287.36	3/4	3,996.94	3/4	3,701.59	3/4	3,366.58	3/4	3,005.88	3/4	2,645.13
9		9		9	4,820.74	9	4,555.26	9	4,281.48	9	3,990.79	9	3,695.43	9	3,359.12	9	2,998.37	9	2,637.61
1/4		1/4		1/4	4,814.78	1/4	4,549.73	1/4	4,275.57	1/4	3,984.63	1/4	3,689.28	1/4	3,351.61	1/4	2,990.85	1/4	2,630.10
1/2		1/2		1/2	4,808.82	1/2	4,544.19	1/2	4,269.66	1/2	3,978.48	1/2	3,683.13	1/2	3,344.09	1/2	2,983.34	1/2	2,622.58
3/4		3/4		3/4	4,802.86	3/4	4,538.66	3/4	4,263.75	3/4	3,972.33	3/4	3,676.97	3/4	3,336.57	3/4	2,975.82	3/4	2,615.07
10		10		10	4,796.89	10	4,533.12	10	4,257.84	10	3,966.18	10	3,670.82	10	3,329.06	10	2,968.31	10	2,607.55
1/4		1/4		1/4	4,790.84	1/4	4,527.56	1/4	4,251.90	1/4	3,960.02	1/4	3,664.67	1/4	3,321.54	1/4	2,960.79	1/4	2,600.04
1/2		1/2		1/2	4,784.78	1/2	4,522.00	1/2	4,245.96	1/2	3,953.87	1/2	3,658.52	1/2	3,314.03	1/2	2,953.27	1/2	2,592.52
3/4		3/4		3/4	4,778.73	3/4	4,516.43	3/4	4,240.02	3/4	3,947.72	3/4	3,652.36	3/4	3,306.51	3/4	2,945.76	3/4	2,585.00
11		11		11	4,772.67	11	4,510.87	11	4,234.08	11	3,941.56	11	3,646.21	11	3,299.00	11	2,938.24	11	2,577.49
1/4		1/4		1/4	4,766.83	1/4	4,505.28	1/4	4,228.12	1/4	3,935.41	1/4	3,640.06	1/4	3,291.48	1/4	2,930.73	1/4	2,569.97
1/2		1/2		1/2	4,760.99	1/2	4,499.69	1/2	4,222.15	1/2	3,929.26	1/2	3,633.90	1/2	3,283.96	1/2	2,923.21	1/2	2,562.46
3/4		3/4		3/4	4,755.14	3/4	4,494.10	3/4	4,216.18	3/4	3,923.10	3/4	3,627.75	3/4	3,276.45	3/4	2,915.70	3/4	2,554.94

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 1/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28092"

3 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	2,547.43	0	2,186.47	0	1,825.98	0	1,464.93	0	1,103.87	0	749.09	0	391.69	0	32.97	0		0	
1/4	2,539.91	1/4	2,178.96	1/4	1,818.45	1/4	1,457.41	1/4	1,096.35	1/4	741.78	1/4	384.16	1/4	27.96	1/4		1/4	
1/2	2,532.39	1/2	2,171.45	1/2	1,810.93	1/2	1,449.89	1/2	1,088.83	1/2	734.48	1/2	376.64	1/2	22.94	1/2		1/2	
3/4	2,524.88	3/4	2,163.94	3/4	1,803.41	3/4	1,442.36	3/4	1,081.30	3/4	727.17	3/4	369.12	3/4	17.92	3/4		3/4	
1	2,517.36	1	2,156.43	1	1,795.89	1	1,434.84	1	1,073.78	1	719.87	1	361.59	1	12.91	1		1	
1/4	2,509.85	1/4	2,148.92	1/4	1,788.37	1/4	1,427.32	1/4	1,066.26	1/4	712.56	1/4	354.07	1/4		1/4		1/4	
1/2	2,502.33	1/2	2,141.42	1/2	1,780.84	1/2	1,419.80	1/2	1,058.74	1/2	705.25	1/2	346.54	1/2		1/2		1/2	
3/4	2,494.82	3/4	2,133.91	3/4	1,773.32	3/4	1,412.28	3/4	1,051.21	3/4	697.95	3/4	339.01	3/4		3/4		3/4	
2	2,487.30	2	2,126.40	2	1,765.80	2	1,404.75	2	1,043.69	2	690.64	2	331.49	2		2		2	
1/4	2,479.78	1/4	2,118.89	1/4	1,758.28	1/4	1,397.23	1/4	1,036.17	1/4	683.33	1/4	323.96	1/4		1/4		1/4	
1/2	2,472.27	1/2	2,111.38	1/2	1,750.76	1/2	1,389.71	1/2	1,028.65	1/2	676.01	1/2	316.44	1/2		1/2		1/2	
3/4	2,464.75	3/4	2,103.87	3/4	1,743.24	3/4	1,382.19	3/4	1,021.12	3/4	668.69	3/4	308.91	3/4		3/4		3/4	
3	2,457.24	3	2,096.36	3	1,735.71	3	1,374.67	3	1,013.60	3	661.38	3	301.39	3		3		3	
1/4	2,449.72	1/4	2,088.86	1/4	1,728.19	1/4	1,367.15	1/4	1,006.08	1/4	654.05	1/4	293.86	1/4		1/4		1/4	
1/2	2,442.20	1/2	2,081.35	1/2	1,720.67	1/2	1,359.62	1/2	998.56	1/2	646.73	1/2	286.34	1/2		1/2		1/2	
3/4	2,434.68	3/4	2,073.84	3/4	1,713.15	3/4	1,352.10	3/4	991.03	3/4	639.40	3/4	278.81	3/4		3/4		3/4	
4	2,427.16	4	2,066.33	4	1,705.63	4	1,344.58	4	983.51	4	632.07	4	271.28	4		4		4	
1/4	2,419.64	1/4	2,058.82	1/4	1,698.10	1/4	1,337.06	1/4	976.09	1/4	624.65	1/4	263.76	1/4		1/4		1/4	
1/2	2,412.11	1/2	2,051.31	1/2	1,690.58	1/2	1,329.54	1/2	968.66	1/2	617.22	1/2	256.23	1/2		1/2		1/2	
3/4	2,404.59	3/4	2,043.80	3/4	1,683.06	3/4	1,322.01	3/4	961.23	3/4	609.79	3/4	248.71	3/4		3/4		3/4	
5	2,397.07	5	2,036.30	5	1,675.54	5	1,314.49	5	953.81	5	602.36	5	241.18	5		5		5	
1/4	2,389.54	1/4	2,028.79	1/4	1,668.02	1/4	1,306.97	1/4	946.48	1/4	594.84	1/4	233.66	1/4		1/4		1/4	
1/2	2,382.02	1/2	2,021.28	1/2	1,660.50	1/2	1,299.45	1/2	939.15	1/2	587.31	1/2	226.13	1/2		1/2		1/2	
3/4	2,374.50	3/4	2,013.77	3/4	1,652.97	3/4	1,291.93	3/4	931.83	3/4	579.79	3/4	218.60	3/4		3/4		3/4	
6	2,366.97	6	2,006.26	6	1,645.45	6	1,284.41	6	924.50	6	572.26	6	211.08	6		6		6	
1/4	2,359.45	1/4	1,998.75	1/4	1,637.93	1/4	1,276.89	1/4	917.19	1/4	564.73	1/4	203.55	1/4		1/4		1/4	
1/2	2,351.92	1/2	1,991.24	1/2	1,630.41	1/2	1,269.36	1/2	909.87	1/2	557.21	1/2	196.03	1/2		1/2		1/2	
3/4	2,344.40	3/4	1,983.74	3/4	1,622.89	3/4	1,261.84	3/4	902.56	3/4	549.68	3/4	188.50	3/4		3/4		3/4	
7	2,336.87	7	1,976.23	7	1,615.37	7	1,254.32	7	895.24	7	542.16	7	180.98	7		7		7	
1/4	2,329.35	1/4	1,968.72	1/4	1,607.84	1/4	1,246.80	1/4	887.93	1/4	534.63	1/4	173.45	1/4		1/4		1/4	
1/2	2,321.82	1/2	1,961.21	1/2	1,600.32	1/2	1,239.27	1/2	880.62	1/2	527.11	1/2	165.93	1/2		1/2		1/2	
3/4	2,314.30	3/4	1,953.70	3/4	1,592.80	3/4	1,231.75	3/4	873.32	3/4	519.58	3/4	158.40	3/4		3/4		3/4	
8	2,306.77	8	1,946.19	8	1,585.28	8	1,224.23	8	866.01	8	512.06	8	150.87	8		8		8	
1/4	2,299.25	1/4	1,938.68	1/4	1,577.76	1/4	1,216.71	1/4	858.70	1/4	504.53	1/4	143.35	1/4		1/4		1/4	
1/2	2,291.72	1/2	1,931.18	1/2	1,570.23	1/2	1,209.18	1/2	851.39	1/2	497.00	1/2	135.82	1/2		1/2		1/2	
3/4	2,284.20	3/4	1,923.67	3/4	1,562.71	3/4	1,201.66	3/4	844.08	3/4	489.48	3/4	128.30	3/4		3/4		3/4	
9	2,276.67	9	1,916.16	9	1,555.19	9	1,194.14	9	836.78	9	481.95	9	120.77	9		9		9	
1/4	2,269.15	1/4	1,908.65	1/4	1,547.67	1/4	1,186.62	1/4	829.47	1/4	474.43	1/4	113.25	1/4		1/4		1/4	
1/2	2,261.62	1/2	1,901.14	1/2	1,540.15	1/2	1,179.09	1/2	822.16	1/2	466.90	1/2	105.72	1/2		1/2		1/2	
3/4	2,254.10	3/4	1,893.63	3/4	1,532.63	3/4	1,171.57	3/4	814.85	3/4	459.38	3/4	98.20	3/4		3/4		3/4	
10	2,246.57	10	1,886.12	10	1,525.10	10	1,164.05	10	807.55	10	451.86	10	90.67	10		10		10	
1/4	2,239.05	1/4	1,878.61	1/4	1,517.58	1/4	1,156.53	1/4	800.24	1/4	444.34	1/4	83.14	1/4		1/4		1/4	
1/2	2,231.54	1/2	1,871.09	1/2	1,510.06	1/2	1,149.00	1/2	792.93	1/2	436.81	1/2	75.62	1/2		1/2		1/2	
3/4	2,224.02	3/4	1,863.58	3/4	1,502.54	3/4	1,141.48	3/4	785.62	3/4	429.29	3/4	68.09	3/4		3/4		3/4	
11	2,216.50	11	1,856.06	11	1,495.02	11	1,133.96	11	778.31	11	421.77	11	60.57	11		11		11	
1/4	2,208.99	1/4	1,848.54	1/4	1,487.49	1/4	1,126.44	1/4	771.01	1/4	414.25	1/4	53.67	1/4		1/4		1/4	
1/2	2,201.48	1/2	1,841.02	1/2	1,479.97	1/2	1,118.92	1/2	763.70	1/2	406.73	1/2	46.77	1/2		1/2		1/2	
3/4	2,193.98	3/4	1,833.50	3/4	1,472.45	3/4	1,111.39	3/4	756.39	3/4	399.21	3/4	39.87	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

3 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	4,737.67	0	4,475.90	0	4,197.31	0	3,903.58	0	3,607.58	0	3,256.22	0	2,895.71		
1/4		1/4		1/4		1/4	4,731.81	1/4	4,470.30	1/4	4,191.32	1/4	3,897.41	1/4	3,601.41	1/4	3,248.71	1/4	2,888.20		
1/2		1/2		1/2		1/2	4,726.36	1/2	4,464.66	1/2	4,185.31	1/2	3,891.24	1/2	3,594.75	1/2	3,241.20	1/2	2,880.69		
3/4		3/4		3/4		3/4	4,720.92	3/4	4,459.03	3/4	4,179.31	3/4	3,885.08	3/4	3,588.10	3/4	3,233.69	3/4	2,873.18		
1		1		1		1	4,715.48	1	4,453.39	1	4,173.30	1	3,878.91	1	3,581.45	1	3,226.18	1	2,865.67		
1/4		1/4		1/4		1/4	4,710.03	1/4	4,447.76	1/4	4,167.29	1/4	3,872.74	1/4	3,574.79	1/4	3,218.66	1/4	2,858.16		
1/2		1/2		1/2		1/2	4,704.78	1/2	4,442.10	1/2	4,161.25	1/2	3,866.58	1/2	3,567.75	1/2	3,211.15	1/2	2,850.65		
3/4		3/4		3/4		3/4	4,699.52	3/4	4,436.43	3/4	4,155.21	3/4	3,860.41	3/4	3,560.71	3/4	3,203.64	3/4	2,843.13		
2		2		2		2	4,694.27	2	4,430.77	2	4,149.17	2	3,854.24	2	3,553.67	2	3,196.13	2	2,835.62		
1/4		1/4		1/4		1/4	4,689.01	1/4	4,425.11	1/4	4,143.13	1/4	3,848.08	1/4	3,546.63	1/4	3,188.62	1/4	2,828.11		
1/2		1/2		1/2		1/2	4,683.73	1/2	4,419.42	1/2	4,137.07	1/2	3,841.91	1/2	3,539.17	1/2	3,181.11	1/2	2,820.60		
3/4		3/4		3/4		3/4	4,678.44	3/4	4,413.72	3/4	4,131.00	3/4	3,835.74	3/4	3,531.70	3/4	3,173.60	3/4	2,813.09		
3		3		3		3	4,673.16	3	4,408.03	3	4,124.93	3	3,829.58	3	3,524.24	3	3,166.09	3	2,805.58		
1/4		1/4		1/4		1/4	4,667.88	1/4	4,402.34	1/4	4,118.87	1/4	3,823.41	1/4	3,516.77	1/4	3,158.58	1/4	2,798.07		
1/2		1/2		1/2		1/2	4,662.53	1/2	4,396.62	1/2	4,112.77	1/2	3,817.24	1/2	3,509.36	1/2	3,151.07	1/2	2,790.56		
3/4		3/4		3/4		3/4	4,657.19	3/4	4,390.90	3/4	4,106.68	3/4	3,811.08	3/4	3,501.95	3/4	3,143.56	3/4	2,783.05		
4		4		4		4	4,651.84	4	4,385.18	4	4,100.58	4	3,804.91	4	3,494.54	4	3,136.05	4	2,775.54		
1/4		1/4		1/4		1/4	4,646.50	1/4	4,379.46	1/4	4,094.48	1/4	3,798.74	1/4	3,487.12	1/4	3,128.54	1/4	2,768.03		
1/2		1/2		1/2		1/2	4,641.09	1/2	4,373.69	1/2	4,088.36	1/2	3,792.58	1/2	3,479.71	1/2	3,121.03	1/2	2,760.52		
3/4		3/4		3/4		3/4	4,635.68	3/4	4,367.93	3/4	4,082.24	3/4	3,786.41	3/4	3,472.30	3/4	3,113.52	3/4	2,753.01		
5		5		5		5	4,630.28	5	4,362.16	5	4,076.11	5	3,780.24	5	3,464.89	5	3,106.01	5	2,745.50		
1/4		1/4		1/4		1/4	4,624.87	1/4	4,356.40	1/4	4,069.99	1/4	3,774.08	1/4	3,457.48	1/4	3,098.50	1/4	2,737.99		
1/2		1/2		1/2		1/2	4,619.44	1/2	4,350.59	1/2	4,063.84	1/2	3,767.91	1/2	3,450.07	1/2	3,090.98	1/2	2,730.48		
3/4		3/4		3/4		3/4	4,614.00	3/4	4,344.78	3/4	4,057.69	3/4	3,761.74	3/4	3,442.67	3/4	3,083.47	3/4	2,722.97		
6		6		6		6	4,608.57	6	4,338.97	6	4,051.54	6	3,755.58	6	3,435.26	6	3,075.96	6	2,715.45		
1/4		1/4		1/4		1/4	4,603.13	1/4	4,333.16	1/4	4,045.39	1/4	3,749.41	1/4	3,427.86	1/4	3,068.45	1/4	2,707.94		
1/2		1/2		1/2		1/2	4,597.67	1/2	4,327.32	1/2	4,039.23	1/2	3,743.24	1/2	3,420.46	1/2	3,060.94	1/2	2,700.43		
3/4		3/4		3/4		3/4	4,592.20	3/4	4,321.48	3/4	4,033.07	3/4	3,737.08	3/4	3,413.05	3/4	3,053.43	3/4	2,692.92		
7		7		7		7	4,586.74	7	4,315.64	7	4,026.91	7	3,730.91	7	3,405.65	7	3,045.92	7	2,685.41		
1/4		1/4		1/4		1/4	4,839.53	1/4	4,581.28	1/4	4,309.81	1/4	4,020.74	1/4	3,724.74	1/4	3,398.25	1/4	3,038.41	1/4	2,677.90
1/2		1/2		1/2		1/2	4,835.72	1/2	4,575.79	1/2	4,303.94	1/2	4,014.58	1/2	3,718.58	1/2	3,390.85	1/2	3,030.90	1/2	2,670.39
3/4		3/4		3/4		3/4	4,831.91	3/4	4,570.29	3/4	4,298.07	3/4	4,008.41	3/4	3,712.41	3/4	3,383.45	3/4	3,023.39	3/4	2,662.88
8		8		8		8	4,828.11	8	4,564.80	8	4,292.20	8	4,002.24	8	3,706.24	8	3,376.05	8	3,015.88	8	2,655.37
1/4		1/4		1/4		1/4	4,824.30	1/4	4,559.31	1/4	4,286.34	1/4	3,996.08	1/4	3,700.08	1/4	3,368.65	1/4	3,008.37	1/4	2,647.86
1/2		1/2		1/2		1/2	4,819.08	1/2	4,553.79	1/2	4,280.44	1/2	3,989.91	1/2	3,693.91	1/2	3,361.20	1/2	3,000.86	1/2	2,640.35
3/4		3/4		3/4		3/4	4,813.86	3/4	4,548.27	3/4	4,274.55	3/4	3,983.74	3/4	3,687.74	3/4	3,353.74	3/4	2,993.35	3/4	2,632.84
9		9		9		9	4,808.63	9	4,542.75	9	4,268.65	9	3,977.58	9	3,681.58	9	3,346.29	9	2,985.84	9	2,625.34
1/4		1/4		1/4		1/4	4,803.41	1/4	4,537.23	1/4	4,262.76	1/4	3,971.41	1/4	3,675.41	1/4	3,338.83	1/4	2,978.33	1/4	2,617.83
1/2		1/2		1/2		1/2	4,797.44	1/2	4,531.68	1/2	4,256.83	1/2	3,965.24	1/2	3,669.24	1/2	3,331.32	1/2	2,970.81	1/2	2,610.32
3/4		3/4		3/4		3/4	4,791.47	3/4	4,526.13	3/4	4,250.91	3/4	3,959.08	3/4	3,663.08	3/4	3,323.81	3/4	2,963.30	3/4	2,602.82
10		10		10		10	4,785.49	10	4,520.58	10	4,244.98	10	3,952.91	10	3,656.91	10	3,316.30	10	2,955.79	10	2,595.31
1/4		1/4		1/4		1/4	4,779.52	1/4	4,515.03	1/4	4,239.06	1/4	3,946.74	1/4	3,650.74	1/4	3,308.79	1/4	2,948.28	1/4	2,587.81
1/2		1/2		1/2		1/2	4,773.45	1/2	4,509.45	1/2	4,233.11	1/2	3,940.58	1/2	3,644.58	1/2	3,301.28	1/2	2,940.77	1/2	2,580.30
3/4		3/4		3/4		3/4	4,767.38	3/4	4,503.88	3/4	4,227.15	3/4	3,934.41	3/4	3,638.41	3/4	3,293.77	3/4	2,933.26	3/4	2,572.80
11		11		11		11	4,761.31	11	4,498.30	11	4,221.20	11	3,928.24	11	3,632.24	11	3,286.26	11	2,925.75	11	2,565.29
1/4		1/4		1/4		1/4	4,755.24	1/4	4,492.72	1/4	4,215.25	1/4	3,922.08	1/4	3,626.08	1/4	3,278.75	1/4	2,918.24	1/4	2,557.79
1/2		1/2		1/2		1/2	4,749.38	1/2	4,487.12	1/2	4,209.27	1/2	3,915.91	1/2	3,619.91	1/2	3,271.24	1/2	2,910.73	1/2	2,550.28
3/4		3/4		3/4		3/4	4,743.53	3/4	4,481.51	3/4	4,203.29	3/4	3,909.74	3/4	3,613.74	3/4	3,263.73	3/4	2,903.22	3/4	2,542.77

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 1/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 28092"

3 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	2,535.27	0	2,174.61	0	1,817.77	0	1,458.05	0	1,097.31	0	751.01	0	399.30	0	39.92	0		0	
1/4	2,527.76	1/4	2,167.11	1/4	1,810.35	1/4	1,450.54	1/4	1,089.80	1/4	743.99	1/4	391.78	1/4	33.02	1/4		1/4	
1/2	2,520.26	1/2	2,159.60	1/2	1,802.92	1/2	1,443.02	1/2	1,082.29	1/2	736.98	1/2	384.26	1/2	27.99	1/2		1/2	
3/4	2,512.75	3/4	2,152.10	3/4	1,795.50	3/4	1,435.51	3/4	1,074.78	3/4	729.97	3/4	376.74	3/4	22.97	3/4		3/4	
1	2,505.25	1	2,144.59	1	1,788.07	1	1,427.99	1	1,067.27	1	722.95	1	369.22	1	17.95	1		1	
1/4	2,497.74	1/4	2,137.09	1/4	1,780.65	1/4	1,420.48	1/4	1,059.76	1/4	715.94	1/4	361.70	1/4	12.92	1/4		1/4	
1/2	2,490.24	1/2	2,129.58	1/2	1,773.22	1/2	1,412.97	1/2	1,052.25	1/2	708.93	1/2	354.17	1/2		1/2		1/2	
3/4	2,482.73	3/4	2,122.08	3/4	1,765.80	3/4	1,405.45	3/4	1,044.74	3/4	701.91	3/4	346.65	3/4		3/4		3/4	
2	2,475.23	2	2,114.57	2	1,758.38	2	1,397.94	2	1,037.23	2	694.90	2	339.13	2		2		2	
1/4	2,467.72	1/4	2,107.07	1/4	1,750.95	1/4	1,390.42	1/4	1,029.72	1/4	687.88	1/4	331.60	1/4		1/4		1/4	
1/2	2,460.22	1/2	2,099.61	1/2	1,743.48	1/2	1,382.91	1/2	1,022.21	1/2	680.85	1/2	324.08	1/2		1/2		1/2	
3/4	2,452.71	3/4	2,092.15	3/4	1,736.01	3/4	1,375.39	3/4	1,014.70	3/4	673.82	3/4	316.56	3/4		3/4		3/4	
3	2,445.21	3	2,084.69	3	1,728.54	3	1,367.88	3	1,007.19	3	666.79	3	309.03	3		3		3	
1/4	2,437.70	1/4	2,077.24	1/4	1,721.07	1/4	1,360.36	1/4	999.68	1/4	659.75	1/4	301.51	1/4		1/4		1/4	
1/2	2,430.19	1/2	2,069.82	1/2	1,713.56	1/2	1,352.85	1/2	992.18	1/2	652.70	1/2	293.99	1/2		1/2		1/2	
3/4	2,422.68	3/4	2,062.41	3/4	1,706.04	3/4	1,345.33	3/4	984.67	3/4	645.65	3/4	286.46	3/4		3/4		3/4	
4	2,415.17	4	2,055.00	4	1,698.53	4	1,337.82	4	977.16	4	638.60	4	278.94	4		4		4	
1/4	2,407.67	1/4	2,047.59	1/4	1,691.01	1/4	1,330.30	1/4	969.65	1/4	631.55	1/4	271.42	1/4		1/4		1/4	
1/2	2,400.15	1/2	2,040.18	1/2	1,683.50	1/2	1,322.79	1/2	962.37	1/2	624.26	1/2	263.89	1/2		1/2		1/2	
3/4	2,392.63	3/4	2,032.77	3/4	1,675.98	3/4	1,315.27	3/4	955.09	3/4	616.97	3/4	256.37	3/4		3/4		3/4	
5	2,385.12	5	2,025.36	5	1,668.47	5	1,307.76	5	947.82	5	609.68	5	248.84	5		5		5	
1/4	2,377.60	1/4	2,017.94	1/4	1,660.95	1/4	1,300.24	1/4	940.54	1/4	602.40	1/4	241.32	1/4		1/4		1/4	
1/2	2,370.08	1/2	2,010.53	1/2	1,653.44	1/2	1,292.73	1/2	933.50	1/2	594.87	1/2	233.80	1/2		1/2		1/2	
3/4	2,362.56	3/4	2,003.12	3/4	1,645.92	3/4	1,285.21	3/4	926.46	3/4	587.35	3/4	226.27	3/4		3/4		3/4	
6	2,355.04	6	1,995.71	6	1,638.41	6	1,277.70	6	919.42	6	579.83	6	218.75	6		6		6	
1/4	2,347.52	1/4	1,988.30	1/4	1,630.89	1/4	1,270.18	1/4	912.38	1/4	572.30	1/4	211.23	1/4		1/4		1/4	
1/2	2,340.00	1/2	1,980.89	1/2	1,623.38	1/2	1,262.67	1/2	905.36	1/2	564.78	1/2	203.70	1/2		1/2		1/2	
3/4	2,332.48	3/4	1,973.48	3/4	1,615.86	3/4	1,255.15	3/4	898.34	3/4	557.26	3/4	196.18	3/4		3/4		3/4	
7	2,324.96	7	1,966.06	7	1,608.35	7	1,247.64	7	891.32	7	549.73	7	188.66	7		7		7	
1/4	2,317.44	1/4	1,958.65	1/4	1,600.84	1/4	1,240.12	1/4	884.29	1/4	542.21	1/4	181.13	1/4		1/4		1/4	
1/2	2,309.91	1/2	1,951.24	1/2	1,593.32	1/2	1,232.61	1/2	877.28	1/2	534.69	1/2	173.61	1/2		1/2		1/2	
3/4	2,302.39	3/4	1,943.83	3/4	1,585.81	3/4	1,225.09	3/4	870.27	3/4	527.16	3/4	166.09	3/4		3/4		3/4	
8	2,294.87	8	1,936.42	8	1,578.29	8	1,217.58	8	863.26	8	519.64	8	158.56	8		8		8	
1/4	2,287.35	1/4	1,929.01	1/4	1,570.78	1/4	1,210.06	1/4	856.25	1/4	512.12	1/4	151.04	1/4		1/4		1/4	
1/2	2,279.83	1/2	1,921.60	1/2	1,563.26	1/2	1,202.55	1/2	849.23	1/2	504.59	1/2	143.51	1/2		1/2		1/2	
3/4	2,272.31	3/4	1,914.18	3/4	1,555.75	3/4	1,195.03	3/4	842.22	3/4	497.07	3/4	135.98	3/4		3/4		3/4	
9	2,264.79	9	1,906.77	9	1,548.23	9	1,187.51	9	835.20	9	489.55	9	128.45	9		9		9	
1/4	2,257.26	1/4	1,899.36	1/4	1,540.72	1/4	1,180.00	1/4	828.18	1/4	482.02	1/4	120.92	1/4		1/4		1/4	
1/2	2,249.74	1/2	1,891.95	1/2	1,533.20	1/2	1,172.48	1/2	821.17	1/2	474.50	1/2	113.39	1/2		1/2		1/2	
3/4	2,242.22	3/4	1,884.54	3/4	1,525.69	3/4	1,164.97	3/4	814.15	3/4	466.98	3/4	105.85	3/4		3/4		3/4	
10	2,234.70	10	1,877.13	10	1,518.17	10	1,157.45	10	807.14	10	459.46	10	98.32	10		10		10	
1/4	2,227.18	1/4	1,869.72	1/4	1,510.66	1/4	1,149.93	1/4	800.12	1/4	451.93	1/4	90.78	1/4		1/4		1/4	
1/2	2,219.67	1/2	1,862.30	1/2	1,503.14	1/2	1,142.41	1/2	793.10	1/2	444.42	1/2	83.25	1/2		1/2		1/2	
3/4	2,212.15	3/4	1,854.88	3/4	1,495.63	3/4	1,134.89	3/4	786.09	3/4	436.90	3/4	75.71	3/4		3/4		3/4	
11	2,204.64	11	1,847.46	11	1,488.11	11	1,127.38	11	779.07	11	429.38	11	68.18	11		11		11	
1/4	2,197.13	1/4	1,840.04	1/4	1,480.60	1/4	1,119.86	1/4	772.05	1/4	421.86	1/4	60.64	1/4		1/4		1/4	
1/2	2,189.62	1/2	1,832.62	1/2	1,473.08	1/2	1,112.34	1/2	765.04	1/2	414.34	1/2	53.74	1/2		1/2		1/2	
3/4	2,182.12	3/4	1,825.20	3/4	1,465.57	3/4	1,104.83	3/4	758.02	3/4	406.82	3/4	46.83	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

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"

March 15, 2024

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

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BARGE "KIRBY 28092"

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	10.16	0	260.12	0	542.33	0	846.84	0	1,173.38	0	1,504.99	0	1,836.61	0	2,168.18	0	2,499.67	0	2,831.16
1/4	13.49	1/4	265.78	1/4	548.44	1/4	853.46	1/4	1,180.29	1/4	1,511.90	1/4	1,843.52	1/4	2,175.09	1/4	2,506.57	1/4	2,838.06
1/2	16.82	1/2	271.45	1/2	554.56	1/2	860.07	1/2	1,187.19	1/2	1,518.81	1/2	1,850.43	1/2	2,181.99	1/2	2,513.48	1/2	2,844.97
3/4	20.15	3/4	277.11	3/4	560.67	3/4	866.68	3/4	1,194.10	3/4	1,525.72	3/4	1,857.34	3/4	2,188.90	3/4	2,520.39	3/4	2,851.87
1	23.48	1	282.78	1	566.79	1	873.30	1	1,201.01	1	1,532.63	1	1,864.25	1	2,195.80	1	2,527.29	1	2,858.78
1/4	28.14	1/4	288.48	1/4	572.95	1/4	879.95	1/4	1,207.92	1/4	1,539.54	1/4	1,871.16	1/4	2,202.71	1/4	2,534.20	1/4	2,865.69
1/2	32.80	1/2	294.18	1/2	579.10	1/2	886.60	1/2	1,214.83	1/2	1,546.45	1/2	1,878.06	1/2	2,209.62	1/2	2,541.10	1/2	2,872.59
3/4	37.46	3/4	299.89	3/4	585.26	3/4	893.25	3/4	1,221.74	3/4	1,553.36	3/4	1,884.97	3/4	2,216.52	3/4	2,548.01	3/4	2,879.50
2	42.11	2	305.59	2	591.41	2	899.91	2	1,228.65	2	1,560.26	2	1,891.88	2	2,223.43	2	2,554.92	2	2,886.40
1/4	47.39	1/4	311.33	1/4	597.61	1/4	906.60	1/4	1,235.55	1/4	1,567.17	1/4	1,898.79	1/4	2,230.33	1/4	2,561.82	1/4	2,893.31
1/2	52.66	1/2	317.07	1/2	603.81	1/2	913.29	1/2	1,242.46	1/2	1,574.08	1/2	1,905.70	1/2	2,237.24	1/2	2,568.73	1/2	2,900.22
3/4	57.93	3/4	322.81	3/4	610.01	3/4	919.98	3/4	1,249.37	3/4	1,580.99	3/4	1,912.61	3/4	2,244.15	3/4	2,575.63	3/4	2,907.12
3	63.20	3	328.55	3	616.20	3	926.67	3	1,256.28	3	1,587.90	3	1,919.52	3	2,251.05	3	2,582.54	3	2,914.03
1/4	68.52	1/4	334.34	1/4	622.44	1/4	933.41	1/4	1,263.19	1/4	1,594.81	1/4	1,926.42	1/4	2,257.96	1/4	2,589.45	1/4	2,920.93
1/2	73.83	1/2	340.12	1/2	628.68	1/2	940.14	1/2	1,270.10	1/2	1,601.72	1/2	1,933.33	1/2	2,264.86	1/2	2,596.35	1/2	2,927.84
3/4	79.14	3/4	345.90	3/4	634.91	3/4	946.87	3/4	1,277.01	3/4	1,608.62	3/4	1,940.24	3/4	2,271.77	3/4	2,603.26	3/4	2,934.75
4	84.45	4	351.69	4	641.15	4	953.60	4	1,283.92	4	1,615.53	4	1,947.15	4	2,278.68	4	2,610.16	4	2,941.65
1/4	89.80	1/4	357.51	1/4	647.42	1/4	960.37	1/4	1,290.82	1/4	1,622.44	1/4	1,954.06	1/4	2,285.58	1/4	2,617.07	1/4	2,948.56
1/2	95.16	1/2	363.34	1/2	653.70	1/2	967.14	1/2	1,297.73	1/2	1,629.35	1/2	1,960.97	1/2	2,292.49	1/2	2,623.98	1/2	2,955.47
3/4	100.51	3/4	369.16	3/4	659.98	3/4	973.91	3/4	1,304.64	3/4	1,636.26	3/4	1,967.88	3/4	2,299.39	3/4	2,630.88	3/4	2,962.38
5	105.86	5	374.99	5	666.25	5	980.68	5	1,311.55	5	1,643.17	5	1,974.79	5	2,306.30	5	2,637.79	5	2,969.29
1/4	111.25	1/4	380.85	1/4	672.57	1/4	987.49	1/4	1,318.46	1/4	1,650.08	1/4	1,981.69	1/4	2,313.21	1/4	2,644.69	1/4	2,976.20
1/2	116.64	1/2	386.71	1/2	678.88	1/2	994.30	1/2	1,325.37	1/2	1,656.99	1/2	1,988.60	1/2	2,320.11	1/2	2,651.60	1/2	2,983.10
3/4	122.03	3/4	392.58	3/4	685.20	3/4	1,001.11	3/4	1,332.28	3/4	1,663.89	3/4	1,995.51	3/4	2,327.02	3/4	2,658.51	3/4	2,990.01
6	127.42	6	398.44	6	691.51	6	1,007.92	6	1,339.19	6	1,670.80	6	2,002.42	6	2,333.92	6	2,665.41	6	2,996.91
1/4	132.85	1/4	404.35	1/4	697.87	1/4	1,014.77	1/4	1,346.09	1/4	1,677.71	1/4	2,009.33	1/4	2,340.83	1/4	2,672.32	1/4	3,003.82
1/2	138.28	1/2	410.25	1/2	704.24	1/2	1,021.62	1/2	1,353.00	1/2	1,684.62	1/2	2,016.24	1/2	2,347.74	1/2	2,679.22	1/2	3,010.72
3/4	143.71	3/4	416.15	3/4	710.60	3/4	1,028.47	3/4	1,359.91	3/4	1,691.53	3/4	2,023.15	3/4	2,354.64	3/4	2,686.13	3/4	3,017.63
7	149.14	7	422.06	7	716.96	7	1,035.32	7	1,366.82	7	1,698.44	7	2,030.06	7	2,361.55	7	2,693.04	7	3,024.54
1/4	154.61	1/4	428.00	1/4	723.37	1/4	1,042.20	1/4	1,373.73	1/4	1,705.35	1/4	2,036.96	1/4	2,368.45	1/4	2,699.94	1/4	3,031.44
1/2	160.08	1/2	433.94	1/2	729.79	1/2	1,049.09	1/2	1,380.64	1/2	1,712.26	1/2	2,043.87	1/2	2,375.36	1/2	2,706.85	1/2	3,038.35
3/4	165.55	3/4	439.88	3/4	736.20	3/4	1,055.97	3/4	1,387.55	3/4	1,719.16	3/4	2,050.78	3/4	2,382.27	3/4	2,713.75	3/4	3,045.25
8	171.02	8	445.83	8	742.61	8	1,062.86	8	1,394.45	8	1,726.07	8	2,057.68	8	2,389.17	8	2,720.66	8	3,052.16
1/4	176.53	1/4	451.81	1/4	749.07	1/4	1,069.76	1/4	1,401.36	1/4	1,732.98	1/4	2,064.59	1/4	2,396.08	1/4	2,727.57	1/4	3,059.07
1/2	182.04	1/2	457.79	1/2	755.52	1/2	1,076.66	1/2	1,408.27	1/2	1,739.89	1/2	2,071.50	1/2	2,402.98	1/2	2,734.47	1/2	3,065.97
3/4	187.55	3/4	463.77	3/4	761.98	3/4	1,083.57	3/4	1,415.18	3/4	1,746.80	3/4	2,078.40	3/4	2,409.89	3/4	2,741.38	3/4	3,072.88
9	193.06	9	469.76	9	768.43	9	1,090.47	9	1,422.09	9	1,753.71	9	2,085.31	9	2,416.80	9	2,748.28	9	3,079.78
1/4	198.61	1/4	475.78	1/4	774.93	1/4	1,097.38	1/4	1,429.00	1/4	1,760.62	1/4	2,092.21	1/4	2,423.70	1/4	2,755.19	1/4	3,086.69
1/2	204.16	1/2	481.79	1/2	781.42	1/2	1,104.29	1/2	1,435.91	1/2	1,767.52	1/2	2,099.12	1/2	2,430.61	1/2	2,762.10	1/2	3,093.60
3/4	209.71	3/4	487.81	3/4	787.92	3/4	1,111.20	3/4	1,442.82	3/4	1,774.43	3/4	2,106.03	3/4	2,437.51	3/4	2,769.00	3/4	3,100.50
10	215.26	10	493.83	10	794.41	10	1,118.11	10	1,449.72	10	1,781.34	10	2,112.93	10	2,444.42	10	2,775.91	10	3,107.41
1/4	220.84	1/4	499.88	1/4	800.95	1/4	1,125.02	1/4	1,456.63	1/4	1,788.25	1/4	2,119.84	1/4	2,451.33	1/4	2,782.81	1/4	3,114.31
1/2	226.43	1/2	505.92	1/2	807.48	1/2	1,131.92	1/2	1,463.54	1/2	1,795.16	1/2	2,126.74	1/2	2,458.23	1/2	2,789.72	1/2	3,121.22
3/4	232.02	3/4	511.97	3/4	814.02	3/4	1,138.83	3/4	1,470.45	3/4	1,802.07	3/4	2,133.65	3/4	2,465.14	3/4	2,796.63	3/4	3,128.12
11	237.61	11	518.02	11	820.55	11	1,145.74	11	1,477.36	11	1,808.98	11	2,140.56	11	2,472.04	11	2,803.53	11	3,135.03
1/4	243.24	1/4	524.10	1/4	827.12	1/4	1,152.65	1/4	1,484.27	1/4	1,815.89	1/4	2,147.46	1/4	2,478.95	1/4	2,810.44	1/4	3,141.94
1/2	248.86	1/2	530.17	1/2	833.70	1/2	1,159.56	1/2	1,491.18	1/2	1,822.79	1/2	2,154.37	1/2	2,485.86	1/2	2,817.34	1/2	3,148.84
3/4	254.49	3/4	536.25	3/4	840.27	3/4	1,166.47	3/4	1,498.09	3/4	1,829.70	3/4	2,161.27	3/4	2,492.76	3/4	2,824.25	3/4	3,155.75

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 1/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "KIRBY 28092"

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	3,162.65	0	3,494.14	0	3,824.29	0	4,141.37	0	4,442.00	0		0		0		0		0	
1/4	3,169.56	1/4	3,501.04	1/4	3,831.05	1/4	4,147.78	1/4	4,448.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,176.47	1/2	3,507.95	1/2	3,837.82	1/2	4,154.19	1/2	4,454.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,183.37	3/4	3,514.86	3/4	3,844.58	3/4	4,160.60	3/4	4,460.87	3/4		3/4		3/4		3/4		3/4	
1	3,190.28	1	3,521.76	1	3,851.34	1	4,167.00	1	4,467.17	1		1		1		1		1	
1/4	3,197.18	1/4	3,528.67	1/4	3,858.08	1/4	4,173.38	1/4	4,473.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,204.09	1/2	3,535.57	1/2	3,864.81	1/2	4,179.76	1/2	4,480.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,211.00	3/4	3,542.48	3/4	3,871.55	3/4	4,186.15	3/4	4,487.18	3/4		3/4		3/4		3/4		3/4	
2	3,217.90	2	3,549.38	2	3,878.28	2	4,192.53	2	4,493.86	2		2		2		2		2	
1/4	3,224.81	1/4	3,556.29	1/4	3,884.99	1/4	4,198.88	1/4	4,500.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,231.71	1/2	3,563.20	1/2	3,891.70	1/2	4,205.24	1/2	4,507.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,238.62	3/4	3,570.10	3/4	3,898.41	3/4	4,211.59	3/4	4,514.45	3/4		3/4		3/4		3/4		3/4	
3	3,245.53	3	3,577.01	3	3,905.12	3	4,217.95	3	4,521.32	3		3		3		3		3	
1/4	3,252.43	1/4	3,583.91	1/4	3,911.80	1/4	4,224.27	1/4	4,528.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,259.34	1/2	3,590.82	1/2	3,918.48	1/2	4,230.60	1/2	4,534.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,266.24	3/4	3,597.73	3/4	3,925.17	3/4	4,236.93	3/4	4,541.66	3/4		3/4		3/4		3/4		3/4	
4	3,273.15	4	3,604.63	4	3,931.85	4	4,243.26	4	4,548.44	4		4		4		4		4	
1/4	3,280.05	1/4	3,611.54	1/4	3,938.51	1/4	4,249.56	1/4	4,554.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,286.96	1/2	3,618.44	1/2	3,945.16	1/2	4,255.86	1/2	4,560.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,293.87	3/4	3,625.35	3/4	3,951.82	3/4	4,262.17	3/4	4,566.71	3/4		3/4		3/4		3/4		3/4	
5	3,300.77	5	3,632.26	5	3,958.48	5	4,268.47	5	4,572.79	5		5		5		5		5	
1/4	3,307.68	1/4	3,639.16	1/4	3,965.11	1/4	4,274.75	1/4	4,577.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,314.58	1/2	3,646.07	1/2	3,971.74	1/2	4,281.02	1/2	4,582.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,321.49	3/4	3,652.97	3/4	3,978.37	3/4	4,287.30	3/4	4,587.18	3/4		3/4		3/4		3/4		3/4	
6	3,328.40	6	3,659.88	6	3,985.00	6	4,293.57	6	4,591.97	6		6		6		6		6	
1/4	3,335.30	1/4	3,666.78	1/4	3,991.60	1/4	4,299.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,342.21	1/2	3,673.69	1/2	3,998.21	1/2	4,306.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,349.11	3/4	3,680.59	3/4	4,004.81	3/4	4,312.32	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,356.02	7	3,687.50	7	4,011.42	7	4,318.57	7		7		7		7		7		7	
1/4	3,362.93	1/4	3,694.39	1/4	4,018.00	1/4	4,324.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,369.83	1/2	3,701.28	1/2	4,024.57	1/2	4,331.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,376.74	3/4	3,708.17	3/4	4,031.15	3/4	4,337.24	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,383.64	8	3,715.06	8	4,037.73	8	4,343.47	8		8		8		8		8		8	
1/4	3,390.55	1/4	3,721.92	1/4	4,044.26	1/4	4,349.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,397.46	1/2	3,728.79	1/2	4,050.79	1/2	4,355.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,404.36	3/4	3,735.66	3/4	4,057.33	3/4	4,362.06	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,411.27	9	3,742.52	9	4,063.86	9	4,368.26	9		9		9		9		9		9	
1/4	3,418.17	1/4	3,749.36	1/4	4,070.34	1/4	4,374.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,425.08	1/2	3,756.20	1/2	4,076.83	1/2	4,380.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,431.98	3/4	3,763.04	3/4	4,083.32	3/4	4,386.77	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,438.89	10	3,769.88	10	4,089.80	10	4,392.94	10		10		10		10		10		10	
1/4	3,445.80	1/4	3,776.70	1/4	4,096.26	1/4	4,399.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,452.70	1/2	3,783.51	1/2	4,102.72	1/2	4,405.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,459.61	3/4	3,790.33	3/4	4,109.18	3/4	4,411.38	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,466.51	11	3,797.14	11	4,115.64	11	4,417.52	11		11		11		11		11		11	
1/4	3,473.42	1/4	3,803.93	1/4	4,122.07	1/4	4,423.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,480.33	1/2	3,810.72	1/2	4,128.51	1/2	4,429.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,487.23	3/4	3,817.50	3/4	4,134.94	3/4	4,435.88	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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	10.15	0	259.70	0	541.48	0	845.08	0	1,170.59	0	1,501.74	0	1,832.89	0	2,164.00	0	2,495.02	0	2,826.04
1/4	13.47	1/4	265.36	1/4	547.59	1/4	851.66	1/4	1,177.49	1/4	1,508.64	1/4	1,839.79	1/4	2,170.89	1/4	2,501.91	1/4	2,832.94
1/2	16.80	1/2	271.02	1/2	553.70	1/2	858.25	1/2	1,184.39	1/2	1,515.54	1/2	1,846.69	1/2	2,177.79	1/2	2,508.81	1/2	2,839.83
3/4	20.12	3/4	276.67	3/4	559.80	3/4	864.83	3/4	1,191.29	3/4	1,522.44	3/4	1,853.59	3/4	2,184.68	3/4	2,515.71	3/4	2,846.73
1	23.45	1	282.33	1	565.91	1	871.41	1	1,198.19	1	1,529.34	1	1,860.48	1	2,191.58	1	2,522.60	1	2,853.63
1/4	28.10	1/4	288.02	1/4	572.06	1/4	878.03	1/4	1,205.09	1/4	1,536.24	1/4	1,867.38	1/4	2,198.48	1/4	2,529.50	1/4	2,860.52
1/2	32.75	1/2	293.72	1/2	578.20	1/2	884.65	1/2	1,211.99	1/2	1,543.14	1/2	1,874.28	1/2	2,205.37	1/2	2,536.40	1/2	2,867.42
3/4	37.40	3/4	299.41	3/4	584.35	3/4	891.28	3/4	1,218.89	3/4	1,550.03	3/4	1,881.18	3/4	2,212.27	3/4	2,543.29	3/4	2,874.31
2	42.05	2	305.10	2	590.50	2	897.90	2	1,225.79	2	1,556.93	2	1,888.08	2	2,219.17	2	2,550.19	2	2,881.21
1/4	47.31	1/4	310.84	1/4	596.68	1/4	904.56	1/4	1,232.68	1/4	1,563.83	1/4	1,894.98	1/4	2,226.06	1/4	2,557.08	1/4	2,888.11
1/2	52.57	1/2	316.57	1/2	602.87	1/2	911.22	1/2	1,239.58	1/2	1,570.73	1/2	1,901.88	1/2	2,232.96	1/2	2,563.98	1/2	2,895.00
3/4	57.84	3/4	322.30	3/4	609.06	3/4	917.88	3/4	1,246.48	3/4	1,577.63	3/4	1,908.78	3/4	2,239.85	3/4	2,570.88	3/4	2,901.90
3	63.10	3	328.03	3	615.25	3	924.54	3	1,253.38	3	1,584.53	3	1,915.68	3	2,246.75	3	2,577.77	3	2,908.80
1/4	68.41	1/4	333.81	1/4	621.47	1/4	931.24	1/4	1,260.28	1/4	1,591.43	1/4	1,922.57	1/4	2,253.65	1/4	2,584.67	1/4	2,915.69
1/2	73.71	1/2	339.58	1/2	627.70	1/2	937.94	1/2	1,267.18	1/2	1,598.33	1/2	1,929.47	1/2	2,260.54	1/2	2,591.57	1/2	2,922.59
3/4	79.01	3/4	345.36	3/4	633.93	3/4	944.64	3/4	1,274.08	3/4	1,605.23	3/4	1,936.37	3/4	2,267.44	3/4	2,598.46	3/4	2,929.48
4	84.32	4	351.13	4	640.16	4	951.34	4	1,280.98	4	1,612.12	4	1,943.27	4	2,274.34	4	2,605.36	4	2,936.38
1/4	89.66	1/4	356.95	1/4	646.42	1/4	958.08	1/4	1,287.88	1/4	1,619.02	1/4	1,950.17	1/4	2,281.23	1/4	2,612.25	1/4	2,943.28
1/2	95.00	1/2	362.76	1/2	652.69	1/2	964.82	1/2	1,294.77	1/2	1,625.92	1/2	1,957.07	1/2	2,288.13	1/2	2,619.15	1/2	2,950.18
3/4	100.35	3/4	368.58	3/4	658.96	3/4	971.56	3/4	1,301.67	3/4	1,632.82	3/4	1,963.97	3/4	2,295.03	3/4	2,626.05	3/4	2,957.07
5	105.69	5	374.40	5	665.22	5	978.30	5	1,308.57	5	1,639.72	5	1,970.87	5	2,301.92	5	2,632.94	5	2,963.97
1/4	111.07	1/4	380.25	1/4	671.53	1/4	985.08	1/4	1,315.47	1/4	1,646.62	1/4	1,977.77	1/4	2,308.82	1/4	2,639.84	1/4	2,970.87
1/2	116.45	1/2	386.11	1/2	677.83	1/2	991.86	1/2	1,322.37	1/2	1,653.52	1/2	1,984.66	1/2	2,315.71	1/2	2,646.74	1/2	2,977.76
3/4	121.84	3/4	391.96	3/4	684.14	3/4	998.64	3/4	1,329.27	3/4	1,660.42	3/4	1,991.56	3/4	2,322.61	3/4	2,653.63	3/4	2,984.66
6	127.22	6	397.82	6	690.45	6	1,005.42	6	1,336.17	6	1,667.32	6	1,998.46	6	2,329.51	6	2,660.53	6	2,991.56
1/4	132.64	1/4	403.71	1/4	696.79	1/4	1,012.25	1/4	1,343.07	1/4	1,674.21	1/4	2,005.36	1/4	2,336.40	1/4	2,667.43	1/4	2,998.45
1/2	138.06	1/2	409.60	1/2	703.13	1/2	1,019.08	1/2	1,349.97	1/2	1,681.11	1/2	2,012.26	1/2	2,343.30	1/2	2,674.32	1/2	3,005.35
3/4	143.48	3/4	415.50	3/4	709.47	3/4	1,025.91	3/4	1,356.86	3/4	1,688.01	3/4	2,019.16	3/4	2,350.20	3/4	2,681.22	3/4	3,012.25
7	148.91	7	421.39	7	715.82	7	1,032.73	7	1,363.76	7	1,694.91	7	2,026.06	7	2,357.09	7	2,688.11	7	3,019.14
1/4	154.37	1/4	427.33	1/4	722.20	1/4	1,039.61	1/4	1,370.66	1/4	1,701.81	1/4	2,032.96	1/4	2,363.99	1/4	2,695.01	1/4	3,026.04
1/2	159.83	1/2	433.26	1/2	728.58	1/2	1,046.48	1/2	1,377.56	1/2	1,708.71	1/2	2,039.86	1/2	2,370.88	1/2	2,701.91	1/2	3,032.93
3/4	165.29	3/4	439.19	3/4	734.96	3/4	1,053.36	3/4	1,384.46	3/4	1,715.61	3/4	2,046.76	3/4	2,377.78	3/4	2,708.80	3/4	3,039.83
8	170.75	8	445.13	8	741.34	8	1,060.23	8	1,391.36	8	1,722.51	8	2,053.65	8	2,384.68	8	2,715.70	8	3,046.73
1/4	176.25	1/4	451.10	1/4	747.77	1/4	1,067.13	1/4	1,398.26	1/4	1,729.41	1/4	2,060.55	1/4	2,391.57	1/4	2,722.60	1/4	3,053.62
1/2	181.75	1/2	457.08	1/2	754.19	1/2	1,074.02	1/2	1,405.16	1/2	1,736.30	1/2	2,067.45	1/2	2,398.47	1/2	2,729.49	1/2	3,060.52
3/4	187.25	3/4	463.05	3/4	760.62	3/4	1,080.91	3/4	1,412.06	3/4	1,743.20	3/4	2,074.34	3/4	2,405.37	3/4	2,736.39	3/4	3,067.42
9	192.75	9	469.02	9	767.04	9	1,087.81	9	1,418.95	9	1,750.10	9	2,081.24	9	2,412.26	9	2,743.28	9	3,074.31
1/4	198.29	1/4	475.03	1/4	773.51	1/4	1,094.71	1/4	1,425.85	1/4	1,757.00	1/4	2,088.14	1/4	2,419.16	1/4	2,750.18	1/4	3,081.21
1/2	203.83	1/2	481.04	1/2	779.97	1/2	1,101.61	1/2	1,432.75	1/2	1,763.90	1/2	2,095.03	1/2	2,426.05	1/2	2,757.08	1/2	3,088.10
3/4	209.37	3/4	487.05	3/4	786.43	3/4	1,108.50	3/4	1,439.65	3/4	1,770.80	3/4	2,101.93	3/4	2,432.95	3/4	2,763.97	3/4	3,095.00
10	214.91	10	493.06	10	792.90	10	1,115.40	10	1,446.55	10	1,777.70	10	2,108.82	10	2,439.85	10	2,770.87	10	3,101.90
1/4	220.49	1/4	499.10	1/4	799.40	1/4	1,122.30	1/4	1,453.45	1/4	1,784.60	1/4	2,115.72	1/4	2,446.74	1/4	2,777.77	1/4	3,108.79
1/2	226.07	1/2	505.13	1/2	805.90	1/2	1,129.20	1/2	1,460.35	1/2	1,791.50	1/2	2,122.62	1/2	2,453.64	1/2	2,784.66	1/2	3,115.69
3/4	231.65	3/4	511.17	3/4	812.41	3/4	1,136.10	3/4	1,467.25	3/4	1,798.39	3/4	2,129.51	3/4	2,460.54	3/4	2,791.56	3/4	3,122.59
11	237.23	11	517.21	11	818.91	11	1,143.00	11	1,474.15	11	1,805.29	11	2,136.41	11	2,467.43	11	2,798.45	11	3,129.48
1/4	242.85	1/4	523.28	1/4	825.45	1/4	1,149.90	1/4	1,481.05	1/4	1,812.19	1/4	2,143.31	1/4	2,474.33	1/4	2,805.35	1/4	3,136.38
1/2	248.47	1/2	529.35	1/2	832.00	1/2	1,156.80	1/2	1,487.94	1/2	1,819.09	1/2	2,150.20	1/2	2,481.23	1/2	2,812.25	1/2	3,143.27
3/4	254.09	3/4	535.42	3/4	838.54	3/4	1,163.70	3/4	1,494.84	3/4	1,825.99	3/4	2,157.10	3/4	2,488.12	3/4	2,819.14	3/4	3,150.17

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 1/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 28092"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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	3,157.07	0	3,488.08	0	3,817.77	0	4,134.39	0	4,434.57	0		0		0		0		0	
1/4	3,163.96	1/4	3,494.98	1/4	3,824.52	1/4	4,140.79	1/4	4,440.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,170.86	1/2	3,501.88	1/2	3,831.27	1/2	4,147.19	1/2	4,447.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,177.75	3/4	3,508.77	3/4	3,838.02	3/4	4,153.59	3/4	4,453.42	3/4		3/4		3/4		3/4		3/4	
1	3,184.65	1	3,515.67	1	3,844.78	1	4,159.98	1	4,459.70	1		1		1		1		1	
1/4	3,191.55	1/4	3,522.56	1/4	3,851.50	1/4	4,166.36	1/4	4,466.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,198.44	1/2	3,529.46	1/2	3,858.23	1/2	4,172.73	1/2	4,473.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,205.34	3/4	3,536.36	3/4	3,864.95	3/4	4,179.10	3/4	4,479.69	3/4		3/4		3/4		3/4		3/4	
2	3,212.24	2	3,543.25	2	3,871.68	2	4,185.47	2	4,486.36	2		2		2		2		2	
1/4	3,219.13	1/4	3,550.15	1/4	3,878.38	1/4	4,191.82	1/4	4,493.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,226.03	1/2	3,557.05	1/2	3,885.08	1/2	4,198.16	1/2	4,500.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,232.92	3/4	3,563.94	3/4	3,891.78	3/4	4,204.51	3/4	4,506.92	3/4		3/4		3/4		3/4		3/4	
3	3,239.82	3	3,570.84	3	3,898.48	3	4,210.85	3	4,513.78	3		3		3		3		3	
1/4	3,246.72	1/4	3,577.73	1/4	3,905.15	1/4	4,217.17	1/4	4,520.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,253.61	1/2	3,584.63	1/2	3,911.83	1/2	4,223.49	1/2	4,527.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,260.51	3/4	3,591.53	3/4	3,918.50	3/4	4,229.81	3/4	4,534.09	3/4		3/4		3/4		3/4		3/4	
4	3,267.41	4	3,598.42	4	3,925.17	4	4,236.13	4	4,540.86	4		4		4		4		4	
1/4	3,274.30	1/4	3,605.32	1/4	3,931.82	1/4	4,242.42	1/4	4,546.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,281.20	1/2	3,612.22	1/2	3,938.47	1/2	4,248.72	1/2	4,553.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,288.09	3/4	3,619.11	3/4	3,945.11	3/4	4,255.01	3/4	4,559.10	3/4		3/4		3/4		3/4		3/4	
5	3,294.99	5	3,626.01	5	3,951.76	5	4,261.30	5	4,565.18	5		5		5		5		5	
1/4	3,301.89	1/4	3,632.90	1/4	3,958.38	1/4	4,267.57	1/4	4,569.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,308.78	1/2	3,639.80	1/2	3,965.00	1/2	4,273.83	1/2	4,574.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,315.68	3/4	3,646.70	3/4	3,971.63	3/4	4,280.10	3/4	4,579.54	3/4		3/4		3/4		3/4		3/4	
6	3,322.57	6	3,653.59	6	3,978.25	6	4,286.37	6	4,584.33	6		6		6		6		6	
1/4	3,329.47	1/4	3,660.49	1/4	3,984.84	1/4	4,292.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,336.37	1/2	3,667.38	1/2	3,991.44	1/2	4,298.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,343.26	3/4	3,674.27	3/4	3,998.03	3/4	4,305.09	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,350.16	7	3,681.17	7	4,004.63	7	4,311.33	7		7		7		7		7		7	
1/4	3,357.06	1/4	3,688.05	1/4	4,011.19	1/4	4,317.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,363.95	1/2	3,694.93	1/2	4,017.76	1/2	4,323.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,370.85	3/4	3,701.81	3/4	4,024.33	3/4	4,329.97	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,377.74	8	3,708.69	8	4,030.90	8	4,336.19	8		8		8		8		8		8	
1/4	3,384.64	1/4	3,715.54	1/4	4,037.42	1/4	4,342.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,391.54	1/2	3,722.40	1/2	4,043.95	1/2	4,348.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,398.43	3/4	3,729.26	3/4	4,050.47	3/4	4,354.75	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,405.33	9	3,736.11	9	4,056.99	9	4,360.94	9		9		9		9		9		9	
1/4	3,412.23	1/4	3,742.94	1/4	4,063.47	1/4	4,367.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,419.12	1/2	3,749.78	1/2	4,069.94	1/2	4,373.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,426.02	3/4	3,756.61	3/4	4,076.42	3/4	4,379.43	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,432.91	10	3,763.44	10	4,082.90	10	4,385.59	10		10		10		10		10		10	
1/4	3,439.81	1/4	3,770.24	1/4	4,089.35	1/4	4,391.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,446.71	1/2	3,777.05	1/2	4,095.80	1/2	4,397.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,453.60	3/4	3,783.85	3/4	4,102.25	3/4	4,404.00	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,460.50	11	3,790.66	11	4,108.70	11	4,410.13	11		11		11		11		11		11	
1/4	3,467.40	1/4	3,797.43	1/4	4,115.12	1/4	4,416.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,474.29	1/2	3,804.21	1/2	4,121.54	1/2	4,422.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,481.19	3/4	3,810.99	3/4	4,127.97	3/4	4,428.46	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

2 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	13.87	0	389.18	0	777.78	0	1,165.98	0	1,554.79	0	1,943.60	0	2,332.41	0	2,721.17	0	3,109.83	0	3,498.50
1/4	19.27	1/4	397.28	1/4	785.85	1/4	1,174.08	1/4	1,562.89	1/4	1,951.70	1/4	2,340.51	1/4	2,729.27	1/4	3,117.93	1/4	3,506.59
1/2	24.67	1/2	405.37	1/2	793.93	1/2	1,182.18	1/2	1,570.99	1/2	1,959.80	1/2	2,348.61	1/2	2,737.37	1/2	3,126.03	1/2	3,514.69
3/4	30.07	3/4	413.47	3/4	802.01	3/4	1,190.28	3/4	1,579.09	3/4	1,967.90	3/4	2,356.71	3/4	2,745.46	3/4	3,134.13	3/4	3,522.79
1	35.47	1	421.57	1	810.08	1	1,198.38	1	1,587.19	1	1,976.00	1	2,364.81	1	2,753.56	1	3,142.22	1	3,530.88
1/4	42.89	1/4	429.67	1/4	818.16	1/4	1,206.48	1/4	1,595.29	1/4	1,984.10	1/4	2,372.91	1/4	2,761.66	1/4	3,150.32	1/4	3,538.98
1/2	50.32	1/2	437.76	1/2	826.23	1/2	1,214.58	1/2	1,603.39	1/2	1,992.20	1/2	2,381.01	1/2	2,769.76	1/2	3,158.42	1/2	3,547.08
3/4	57.74	3/4	445.86	3/4	834.31	3/4	1,222.68	3/4	1,611.49	3/4	2,000.30	3/4	2,389.11	3/4	2,777.85	3/4	3,166.51	3/4	3,555.17
2	65.17	2	453.96	2	842.39	2	1,230.78	2	1,619.59	2	2,008.40	2	2,397.21	2	2,785.95	2	3,174.61	2	3,563.27
1/4	73.27	1/4	462.05	1/4	850.47	1/4	1,238.88	1/4	1,627.69	1/4	2,016.50	1/4	2,405.31	1/4	2,794.05	1/4	3,182.71	1/4	3,571.37
1/2	81.37	1/2	470.15	1/2	858.55	1/2	1,246.98	1/2	1,635.79	1/2	2,024.60	1/2	2,413.41	1/2	2,802.14	1/2	3,190.81	1/2	3,579.47
3/4	89.47	3/4	478.24	3/4	866.62	3/4	1,255.08	3/4	1,643.89	3/4	2,032.70	3/4	2,421.51	3/4	2,810.24	3/4	3,198.90	3/4	3,587.56
3	97.57	3	486.34	3	874.70	3	1,263.18	3	1,651.99	3	2,040.80	3	2,429.61	3	2,818.34	3	3,207.00	3	3,595.66
1/4	105.67	1/4	494.44	1/4	882.78	1/4	1,271.28	1/4	1,660.09	1/4	2,048.90	1/4	2,437.71	1/4	2,826.44	1/4	3,215.10	1/4	3,603.76
1/2	113.77	1/2	502.54	1/2	890.86	1/2	1,279.38	1/2	1,668.19	1/2	2,057.00	1/2	2,445.81	1/2	2,834.53	1/2	3,223.19	1/2	3,611.85
3/4	121.87	3/4	510.64	3/4	898.94	3/4	1,287.48	3/4	1,676.29	3/4	2,065.10	3/4	2,453.91	3/4	2,842.63	3/4	3,231.29	3/4	3,619.95
4	129.97	4	518.73	4	907.02	4	1,295.58	4	1,684.39	4	2,073.20	4	2,462.01	4	2,850.73	4	3,239.39	4	3,628.05
1/4	138.07	1/4	526.83	1/4	915.09	1/4	1,303.68	1/4	1,692.49	1/4	2,081.30	1/4	2,470.11	1/4	2,858.82	1/4	3,247.49	1/4	3,636.15
1/2	146.17	1/2	534.93	1/2	923.17	1/2	1,311.78	1/2	1,700.59	1/2	2,089.40	1/2	2,478.21	1/2	2,866.92	1/2	3,255.58	1/2	3,644.25
3/4	154.27	3/4	543.03	3/4	931.25	3/4	1,319.88	3/4	1,708.69	3/4	2,097.50	3/4	2,486.31	3/4	2,875.02	3/4	3,263.68	3/4	3,652.34
5	162.37	5	551.13	5	939.33	5	1,327.98	5	1,716.79	5	2,105.60	5	2,494.41	5	2,883.12	5	3,271.78	5	3,660.44
1/4	170.47	1/4	559.23	1/4	947.41	1/4	1,336.08	1/4	1,724.89	1/4	2,113.70	1/4	2,502.51	1/4	2,891.21	1/4	3,279.87	1/4	3,668.54
1/2	178.57	1/2	567.34	1/2	955.49	1/2	1,344.18	1/2	1,732.99	1/2	2,121.80	1/2	2,510.61	1/2	2,899.31	1/2	3,287.97	1/2	3,676.64
3/4	186.67	3/4	575.44	3/4	963.57	3/4	1,352.28	3/4	1,741.09	3/4	2,129.90	3/4	2,518.71	3/4	2,907.41	3/4	3,296.07	3/4	3,684.73
6	194.77	6	583.54	6	971.64	6	1,360.38	6	1,749.19	6	2,138.00	6	2,526.81	6	2,915.50	6	3,304.16	6	3,692.83
1/4	202.87	1/4	591.64	1/4	979.73	1/4	1,368.48	1/4	1,757.29	1/4	2,146.10	1/4	2,534.91	1/4	2,923.60	1/4	3,312.26	1/4	3,700.93
1/2	210.97	1/2	599.74	1/2	987.81	1/2	1,376.58	1/2	1,765.39	1/2	2,154.20	1/2	2,543.01	1/2	2,931.70	1/2	3,320.36	1/2	3,709.02
3/4	219.07	3/4	607.84	3/4	995.90	3/4	1,384.68	3/4	1,773.49	3/4	2,162.30	3/4	2,551.11	3/4	2,939.80	3/4	3,328.46	3/4	3,717.12
7	227.17	7	615.94	7	1,003.99	7	1,392.78	7	1,781.59	7	2,170.40	7	2,559.21	7	2,947.89	7	3,336.55	7	3,725.22
1/4	235.27	1/4	624.04	1/4	1,012.08	1/4	1,400.88	1/4	1,789.69	1/4	2,178.50	1/4	2,567.31	1/4	2,955.99	1/4	3,344.65	1/4	3,733.31
1/2	243.37	1/2	632.14	1/2	1,020.18	1/2	1,408.98	1/2	1,797.79	1/2	2,186.60	1/2	2,575.42	1/2	2,964.09	1/2	3,352.75	1/2	3,741.41
3/4	251.47	3/4	640.24	3/4	1,028.28	3/4	1,417.08	3/4	1,805.89	3/4	2,194.70	3/4	2,583.52	3/4	2,972.18	3/4	3,360.84	3/4	3,749.51
8	259.57	8	648.34	8	1,036.37	8	1,425.18	8	1,813.99	8	2,202.80	8	2,591.62	8	2,980.28	8	3,368.94	8	3,757.61
1/4	267.67	1/4	656.44	1/4	1,044.47	1/4	1,433.28	1/4	1,822.09	1/4	2,210.90	1/4	2,599.72	1/4	2,988.38	1/4	3,377.04	1/4	3,765.70
1/2	275.77	1/2	664.54	1/2	1,052.57	1/2	1,441.38	1/2	1,830.19	1/2	2,219.00	1/2	2,607.81	1/2	2,996.47	1/2	3,385.14	1/2	3,773.80
3/4	283.87	3/4	672.64	3/4	1,060.67	3/4	1,449.48	3/4	1,838.29	3/4	2,227.10	3/4	2,615.91	3/4	3,004.57	3/4	3,393.23	3/4	3,781.90
9	291.97	9	680.74	9	1,068.78	9	1,457.58	9	1,846.39	9	2,235.20	9	2,624.01	9	3,012.67	9	3,401.33	9	3,789.99
1/4	300.07	1/4	688.83	1/4	1,076.88	1/4	1,465.68	1/4	1,854.49	1/4	2,243.30	1/4	2,632.11	1/4	3,020.77	1/4	3,409.43	1/4	3,798.09
1/2	308.17	1/2	696.93	1/2	1,084.98	1/2	1,473.79	1/2	1,862.59	1/2	2,251.40	1/2	2,640.20	1/2	3,028.86	1/2	3,417.52	1/2	3,806.19
3/4	316.27	3/4	705.03	3/4	1,093.08	3/4	1,481.89	3/4	1,870.69	3/4	2,259.50	3/4	2,648.30	3/4	3,036.96	3/4	3,425.62	3/4	3,814.28
10	324.37	10	713.13	10	1,101.18	10	1,489.99	10	1,878.80	10	2,267.60	10	2,656.40	10	3,045.06	10	3,433.72	10	3,822.38
1/4	332.47	1/4	721.21	1/4	1,109.28	1/4	1,498.09	1/4	1,886.90	1/4	2,275.70	1/4	2,664.49	1/4	3,053.15	1/4	3,441.82	1/4	3,830.48
1/2	340.57	1/2	729.30	1/2	1,117.38	1/2	1,506.19	1/2	1,895.00	1/2	2,283.81	1/2	2,672.59	1/2	3,061.25	1/2	3,449.91	1/2	3,838.58
3/4	348.67	3/4	737.38	3/4	1,125.48	3/4	1,514.29	3/4	1,903.10	3/4	2,291.91	3/4	2,680.69	3/4	3,069.35	3/4	3,458.01	3/4	3,846.67
11	356.78	11	745.47	11	1,133.58	11	1,522.39	11	1,911.20	11	2,300.01	11	2,688.79	11	3,077.45	11	3,466.11	11	3,854.77
1/4	364.88	1/4	753.55	1/4	1,141.68	1/4	1,530.49	1/4	1,919.30	1/4	2,308.11	1/4	2,696.88	1/4	3,085.54	1/4	3,474.20	1/4	3,862.87
1/2	372.98	1/2	761.62	1/2	1,149.78	1/2	1,538.59	1/2	1,927.40	1/2	2,316.21	1/2	2,704.98	1/2	3,093.64	1/2	3,482.30	1/2	3,870.96
3/4	381.08	3/4	769.70	3/4	1,157.88	3/4	1,546.69	3/4	1,935.50	3/4	2,324.31	3/4	2,713.08	3/4	3,101.74	3/4	3,490.40	3/4	3,879.06

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 28092"

2 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	3,887.16	0	4,275.81	0	4,662.90	0	5,034.66	0	5,387.08	0		0		0		0		0	
1/4	3,895.25	1/4	4,283.91	1/4	4,670.83	1/4	5,042.17	1/4	5,394.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,903.35	1/2	4,292.01	1/2	4,678.76	1/2	5,049.68	1/2	5,401.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,911.45	3/4	4,300.10	3/4	4,686.69	3/4	5,057.19	3/4	5,409.21	3/4		3/4		3/4		3/4		3/4	
1	3,919.55	1	4,308.20	1	4,694.61	1	5,064.70	1	5,416.59	1		1		1		1		1	
1/4	3,927.64	1/4	4,316.30	1/4	4,702.51	1/4	5,072.18	1/4	5,424.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,935.74	1/2	4,324.40	1/2	4,710.41	1/2	5,079.66	1/2	5,432.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,943.84	3/4	4,332.49	3/4	4,718.31	3/4	5,087.14	3/4	5,440.06	3/4		3/4		3/4		3/4		3/4	
2	3,951.93	2	4,340.59	2	4,726.20	2	5,094.62	2	5,447.88	2		2		2		2		2	
1/4	3,960.03	1/4	4,348.69	1/4	4,734.07	1/4	5,102.07	1/4	5,455.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,968.13	1/2	4,356.78	1/2	4,741.94	1/2	5,109.52	1/2	5,463.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,976.22	3/4	4,364.88	3/4	4,749.80	3/4	5,116.97	3/4	5,472.03	3/4		3/4		3/4		3/4		3/4	
3	3,984.32	3	4,372.98	3	4,757.67	3	5,124.42	3	5,480.08	3		3		3		3		3	
1/4	3,992.42	1/4	4,381.07	1/4	4,765.50	1/4	5,131.84	1/4	5,488.03	1/4		1/4		1/4		1/4		1/4	
1/2	4,000.52	1/2	4,389.17	1/2	4,773.34	1/2	5,139.26	1/2	5,495.98	1/2		1/2		1/2		1/2		1/2	
3/4	4,008.61	3/4	4,397.27	3/4	4,781.17	3/4	5,146.68	3/4	5,503.93	3/4		3/4		3/4		3/4		3/4	
4	4,016.71	4	4,405.37	4	4,789.01	4	5,154.10	4	5,511.88	4		4		4		4		4	
1/4	4,024.81	1/4	4,413.46	1/4	4,796.81	1/4	5,161.49	1/4	5,519.02	1/4		1/4		1/4		1/4		1/4	
1/2	4,032.90	1/2	4,421.56	1/2	4,804.62	1/2	5,168.88	1/2	5,526.16	1/2		1/2		1/2		1/2		1/2	
3/4	4,041.00	3/4	4,429.66	3/4	4,812.42	3/4	5,176.27	3/4	5,533.30	3/4		3/4		3/4		3/4		3/4	
5	4,049.10	5	4,437.75	5	4,820.23	5	5,183.65	5	5,540.44	5		5		5		5		5	
1/4	4,057.19	1/4	4,445.85	1/4	4,828.00	1/4	5,191.01	1/4	5,546.06	1/4		1/4		1/4		1/4		1/4	
1/2	4,065.29	1/2	4,453.95	1/2	4,835.78	1/2	5,198.37	1/2	5,551.68	1/2		1/2		1/2		1/2		1/2	
3/4	4,073.39	3/4	4,462.04	3/4	4,843.55	3/4	5,205.73	3/4	5,557.30	3/4		3/4		3/4		3/4		3/4	
6	4,081.49	6	4,470.14	6	4,851.33	6	5,213.08	6	5,562.92	6		6		6		6		6	
1/4	4,089.58	1/4	4,478.24	1/4	4,859.07	1/4	5,220.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,097.68	1/2	4,486.33	1/2	4,866.81	1/2	5,227.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,105.78	3/4	4,494.42	3/4	4,874.55	3/4	5,235.07	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,113.87	7	4,502.52	7	4,882.30	7	5,242.39	7		7		7		7		7		7	
1/4	4,121.97	1/4	4,510.59	1/4	4,890.01	1/4	5,249.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,130.07	1/2	4,518.67	1/2	4,897.72	1/2	5,256.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,138.16	3/4	4,526.75	3/4	4,905.44	3/4	5,264.28	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,146.26	8	4,534.83	8	4,913.15	8	5,271.58	8		8		8		8		8		8	
1/4	4,154.36	1/4	4,542.88	1/4	4,920.81	1/4	5,278.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,162.46	1/2	4,550.93	1/2	4,928.46	1/2	5,286.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,170.55	3/4	4,558.98	3/4	4,936.12	3/4	5,293.37	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,178.65	9	4,567.03	9	4,943.78	9	5,300.64	9		9		9		9		9		9	
1/4	4,186.75	1/4	4,575.05	1/4	4,951.38	1/4	5,307.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,194.84	1/2	4,583.07	1/2	4,958.99	1/2	5,315.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,202.94	3/4	4,591.09	3/4	4,966.59	3/4	5,322.34	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,211.04	10	4,599.11	10	4,974.20	10	5,329.58	10		10		10		10		10		10	
1/4	4,219.13	1/4	4,607.10	1/4	4,981.77	1/4	5,336.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,227.23	1/2	4,615.09	1/2	4,989.34	1/2	5,343.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,235.33	3/4	4,623.08	3/4	4,996.91	3/4	5,351.19	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,243.43	11	4,631.07	11	5,004.49	11	5,358.39	11		11		11		11		11		11	
1/4	4,251.52	1/4	4,639.03	1/4	5,012.03	1/4	5,365.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,259.62	1/2	4,646.99	1/2	5,019.57	1/2	5,372.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,267.72	3/4	4,654.94	3/4	5,027.11	3/4	5,379.91	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

2 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	13.82	0	387.93	0	771.00	0	1,143.28	0	1,524.12	0	1,911.68	0	2,299.24	0	2,686.74	0	3,074.16	0	3,461.57
1/4	19.20	1/4	396.00	1/4	778.74	1/4	1,151.05	1/4	1,532.19	1/4	1,919.75	1/4	2,307.31	1/4	2,694.82	1/4	3,082.23	1/4	3,469.64
1/2	24.59	1/2	404.07	1/2	786.48	1/2	1,158.82	1/2	1,540.27	1/2	1,927.83	1/2	2,315.39	1/2	2,702.89	1/2	3,090.30	1/2	3,477.71
3/4	29.97	3/4	412.14	3/4	794.23	3/4	1,166.58	3/4	1,548.34	3/4	1,935.90	3/4	2,323.46	3/4	2,710.96	3/4	3,098.37	3/4	3,485.78
1	35.35	1	420.22	1	801.97	1	1,174.35	1	1,556.41	1	1,943.98	1	2,331.54	1	2,719.03	1	3,106.44	1	3,493.85
1/4	42.75	1/4	428.29	1/4	809.72	1/4	1,182.12	1/4	1,564.49	1/4	1,952.05	1/4	2,339.61	1/4	2,727.10	1/4	3,114.51	1/4	3,501.93
1/2	50.16	1/2	436.35	1/2	817.46	1/2	1,189.89	1/2	1,572.56	1/2	1,960.12	1/2	2,347.69	1/2	2,735.17	1/2	3,122.58	1/2	3,510.00
3/4	57.56	3/4	444.42	3/4	825.21	3/4	1,197.66	3/4	1,580.64	3/4	1,968.20	3/4	2,355.76	3/4	2,743.24	3/4	3,130.66	3/4	3,518.07
2	64.96	2	452.49	2	832.95	2	1,205.43	2	1,588.71	2	1,976.27	2	2,363.83	2	2,751.31	2	3,138.73	2	3,526.14
1/4	73.03	1/4	460.56	1/4	840.70	1/4	1,213.20	1/4	1,596.78	1/4	1,984.35	1/4	2,371.91	1/4	2,759.38	1/4	3,146.80	1/4	3,534.21
1/2	81.11	1/2	468.63	1/2	848.45	1/2	1,220.96	1/2	1,604.86	1/2	1,992.42	1/2	2,379.98	1/2	2,767.46	1/2	3,154.87	1/2	3,542.28
3/4	89.18	3/4	476.70	3/4	856.19	3/4	1,228.73	3/4	1,612.93	3/4	2,000.49	3/4	2,388.06	3/4	2,775.53	3/4	3,162.94	3/4	3,550.35
3	97.25	3	484.77	3	863.94	3	1,236.50	3	1,621.01	3	2,008.57	3	2,396.13	3	2,783.60	3	3,171.01	3	3,558.42
1/4	105.33	1/4	492.85	1/4	871.69	1/4	1,244.27	1/4	1,629.08	1/4	2,016.64	1/4	2,404.20	1/4	2,791.67	1/4	3,179.08	1/4	3,566.49
1/2	113.40	1/2	500.92	1/2	879.43	1/2	1,252.04	1/2	1,637.16	1/2	2,024.72	1/2	2,412.28	1/2	2,799.74	1/2	3,187.15	1/2	3,574.57
3/4	121.48	3/4	508.99	3/4	887.18	3/4	1,259.81	3/4	1,645.23	3/4	2,032.79	3/4	2,420.35	3/4	2,807.81	3/4	3,195.22	3/4	3,582.64
4	129.55	4	517.06	4	894.93	4	1,267.58	4	1,653.30	4	2,040.87	4	2,428.43	4	2,815.88	4	3,203.30	4	3,590.71
1/4	137.63	1/4	525.14	1/4	902.67	1/4	1,275.35	1/4	1,661.38	1/4	2,048.94	1/4	2,436.50	1/4	2,823.95	1/4	3,211.37	1/4	3,598.78
1/2	145.70	1/2	533.21	1/2	910.42	1/2	1,283.11	1/2	1,669.45	1/2	2,057.01	1/2	2,444.58	1/2	2,832.02	1/2	3,219.44	1/2	3,606.85
3/4	153.77	3/4	541.29	3/4	918.17	3/4	1,290.88	3/4	1,677.53	3/4	2,065.09	3/4	2,452.65	3/4	2,840.10	3/4	3,227.51	3/4	3,614.92
5	161.85	5	549.36	5	925.91	5	1,298.65	5	1,685.60	5	2,073.16	5	2,460.72	5	2,848.17	5	3,235.58	5	3,622.99
1/4	169.92	1/4	557.43	1/4	933.66	1/4	1,306.57	1/4	1,693.68	1/4	2,081.24	1/4	2,468.80	1/4	2,856.24	1/4	3,243.65	1/4	3,631.06
1/2	178.00	1/2	565.51	1/2	941.41	1/2	1,314.49	1/2	1,701.75	1/2	2,089.31	1/2	2,476.87	1/2	2,864.31	1/2	3,251.72	1/2	3,639.13
3/4	186.07	3/4	573.58	3/4	949.15	3/4	1,322.41	3/4	1,709.82	3/4	2,097.39	3/4	2,484.95	3/4	2,872.38	3/4	3,259.79	3/4	3,647.20
6	194.14	6	581.66	6	956.90	6	1,330.34	6	1,717.90	6	2,105.46	6	2,493.02	6	2,880.45	6	3,267.86	6	3,655.27
1/4	202.22	1/4	589.73	1/4	964.66	1/4	1,338.41	1/4	1,725.97	1/4	2,113.53	1/4	2,501.10	1/4	2,888.52	1/4	3,275.94	1/4	3,663.34
1/2	210.29	1/2	597.81	1/2	972.41	1/2	1,346.48	1/2	1,734.05	1/2	2,121.61	1/2	2,509.17	1/2	2,896.59	1/2	3,284.01	1/2	3,671.42
3/4	218.37	3/4	605.88	3/4	980.17	3/4	1,354.56	3/4	1,742.12	3/4	2,129.68	3/4	2,517.24	3/4	2,904.66	3/4	3,292.08	3/4	3,679.49
7	226.44	7	613.95	7	987.92	7	1,362.63	7	1,750.19	7	2,137.76	7	2,525.32	7	2,912.74	7	3,300.15	7	3,687.56
1/4	234.52	1/4	622.03	1/4	995.69	1/4	1,370.71	1/4	1,758.27	1/4	2,145.83	1/4	2,533.39	1/4	2,920.81	1/4	3,308.22	1/4	3,695.63
1/2	242.59	1/2	630.10	1/2	1,003.45	1/2	1,378.78	1/2	1,766.34	1/2	2,153.90	1/2	2,541.46	1/2	2,928.88	1/2	3,316.29	1/2	3,703.70
3/4	250.66	3/4	638.18	3/4	1,011.22	3/4	1,386.86	3/4	1,774.42	3/4	2,161.98	3/4	2,549.54	3/4	2,936.95	3/4	3,324.36	3/4	3,711.77
8	258.74	8	646.25	8	1,018.98	8	1,394.93	8	1,782.49	8	2,170.05	8	2,557.61	8	2,945.02	8	3,332.43	8	3,719.84
1/4	266.81	1/4	654.17	1/4	1,026.75	1/4	1,403.00	1/4	1,790.57	1/4	2,178.13	1/4	2,565.68	1/4	2,953.09	1/4	3,340.50	1/4	3,727.91
1/2	274.89	1/2	662.09	1/2	1,034.52	1/2	1,411.08	1/2	1,798.64	1/2	2,186.20	1/2	2,573.75	1/2	2,961.16	1/2	3,348.58	1/2	3,735.98
3/4	282.96	3/4	670.01	3/4	1,042.29	3/4	1,419.15	3/4	1,806.71	3/4	2,194.28	3/4	2,581.82	3/4	2,969.23	3/4	3,356.65	3/4	3,744.05
9	291.04	9	677.94	9	1,050.06	9	1,427.23	9	1,814.79	9	2,202.35	9	2,589.89	9	2,977.30	9	3,364.72	9	3,752.13
1/4	299.11	1/4	685.70	1/4	1,057.82	1/4	1,435.30	1/4	1,822.86	1/4	2,210.42	1/4	2,597.96	1/4	2,985.38	1/4	3,372.79	1/4	3,760.20
1/2	307.18	1/2	693.47	1/2	1,065.59	1/2	1,443.37	1/2	1,830.94	1/2	2,218.50	1/2	2,606.03	1/2	2,993.45	1/2	3,380.86	1/2	3,768.27
3/4	315.26	3/4	701.23	3/4	1,073.36	3/4	1,451.45	3/4	1,839.01	3/4	2,226.57	3/4	2,614.10	3/4	3,001.52	3/4	3,388.93	3/4	3,776.34
10	323.33	10	709.00	10	1,081.13	10	1,459.52	10	1,847.08	10	2,234.65	10	2,622.18	10	3,009.59	10	3,397.00	10	3,784.41
1/4	331.41	1/4	716.75	1/4	1,088.90	1/4	1,467.60	1/4	1,855.16	1/4	2,242.72	1/4	2,630.25	1/4	3,017.66	1/4	3,405.07	1/4	3,792.48
1/2	339.48	1/2	724.51	1/2	1,096.67	1/2	1,475.67	1/2	1,863.23	1/2	2,250.79	1/2	2,638.32	1/2	3,025.73	1/2	3,413.14	1/2	3,800.55
3/4	347.55	3/4	732.26	3/4	1,104.44	3/4	1,483.75	3/4	1,871.31	3/4	2,258.87	3/4	2,646.39	3/4	3,033.80	3/4	3,421.21	3/4	3,808.62
11	355.63	11	740.01	11	1,112.20	11	1,491.82	11	1,879.38	11	2,266.94	11	2,654.46	11	3,041.87	11	3,429.29	11	3,816.69
1/4	363.70	1/4	747.76	1/4	1,119.97	1/4	1,499.89	1/4	1,887.46	1/4	2,275.02	1/4	2,662.53	1/4	3,049.94	1/4	3,437.36	1/4	3,824.76
1/2	371.78	1/2	755.51	1/2	1,127.74	1/2	1,507.97	1/2	1,895.53	1/2	2,283.09	1/2	2,670.60	1/2	3,058.02	1/2	3,445.43	1/2	3,832.84
3/4	379.85	3/4	763.25	3/4	1,135.51	3/4	1,516.04	3/4	1,903.60	3/4	2,291.17	3/4	2,678.67	3/4	3,066.09	3/4	3,453.50	3/4	3,840.91

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 28092"

2 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	3,848.98	0	4,236.39	0	4,622.23	0	4,992.80	0	5,344.12	0		0		0		0		0	
1/4	3,857.05	1/4	4,244.46	1/4	4,630.13	1/4	5,000.28	1/4	5,351.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,865.12	1/2	4,252.53	1/2	4,638.03	1/2	5,007.77	1/2	5,358.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,873.19	3/4	4,260.60	3/4	4,645.93	3/4	5,015.26	3/4	5,366.18	3/4		3/4		3/4		3/4		3/4	
1	3,881.26	1	4,268.67	1	4,653.84	1	5,022.75	1	5,373.54	1		1		1		1		1	
1/4	3,889.33	1/4	4,276.74	1/4	4,661.71	1/4	5,030.21	1/4	5,381.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,897.40	1/2	4,284.81	1/2	4,669.58	1/2	5,037.66	1/2	5,389.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,905.47	3/4	4,292.88	3/4	4,677.45	3/4	5,045.12	3/4	5,396.93	3/4		3/4		3/4		3/4		3/4	
2	3,913.55	2	4,300.95	2	4,685.32	2	5,052.58	2	5,404.73	2		2		2		2		2	
1/4	3,921.62	1/4	4,309.02	1/4	4,693.16	1/4	5,060.00	1/4	5,412.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,929.69	1/2	4,317.10	1/2	4,701.01	1/2	5,067.43	1/2	5,420.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,937.76	3/4	4,325.17	3/4	4,708.85	3/4	5,074.86	3/4	5,428.80	3/4		3/4		3/4		3/4		3/4	
3	3,945.83	3	4,333.24	3	4,716.69	3	5,082.28	3	5,436.83	3		3		3		3		3	
1/4	3,953.90	1/4	4,341.31	1/4	4,724.50	1/4	5,089.68	1/4	5,444.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,961.97	1/2	4,349.38	1/2	4,732.31	1/2	5,097.07	1/2	5,452.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,970.04	3/4	4,357.45	3/4	4,740.12	3/4	5,104.47	3/4	5,460.59	3/4		3/4		3/4		3/4		3/4	
4	3,978.11	4	4,365.52	4	4,747.93	4	5,111.87	4	5,468.52	4		4		4		4		4	
1/4	3,986.18	1/4	4,373.59	1/4	4,755.71	1/4	5,119.23	1/4	5,475.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,994.26	1/2	4,381.66	1/2	4,763.49	1/2	5,126.60	1/2	5,482.75	1/2		1/2		1/2		1/2		1/2	
3/4	4,002.33	3/4	4,389.73	3/4	4,771.27	3/4	5,133.96	3/4	5,489.86	3/4		3/4		3/4		3/4		3/4	
5	4,010.40	5	4,397.81	5	4,779.05	5	5,141.33	5	5,496.98	5		5		5		5		5	
1/4	4,018.47	1/4	4,405.88	1/4	4,786.80	1/4	5,148.66	1/4	5,502.58	1/4		1/4		1/4		1/4		1/4	
1/2	4,026.54	1/2	4,413.95	1/2	4,794.55	1/2	5,156.00	1/2	5,508.18	1/2		1/2		1/2		1/2		1/2	
3/4	4,034.61	3/4	4,422.02	3/4	4,802.30	3/4	5,163.33	3/4	5,513.78	3/4		3/4		3/4		3/4		3/4	
6	4,042.68	6	4,430.09	6	4,810.05	6	5,170.67	6	5,519.39	6		6		6		6		6	
1/4	4,050.75	1/4	4,438.16	1/4	4,817.77	1/4	5,177.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,058.82	1/2	4,446.22	1/2	4,825.48	1/2	5,185.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,066.89	3/4	4,454.29	3/4	4,833.20	3/4	5,192.58	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,074.97	7	4,462.35	7	4,840.92	7	5,199.88	7		7		7		7		7		7	
1/4	4,083.04	1/4	4,470.41	1/4	4,848.61	1/4	5,207.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,091.11	1/2	4,478.46	1/2	4,856.30	1/2	5,214.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,099.18	3/4	4,486.51	3/4	4,863.98	3/4	5,221.70	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,107.25	8	4,494.56	8	4,871.67	8	5,228.98	8		8		8		8		8		8	
1/4	4,115.32	1/4	4,502.59	1/4	4,879.31	1/4	5,236.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,123.39	1/2	4,510.61	1/2	4,886.94	1/2	5,243.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,131.46	3/4	4,518.64	3/4	4,894.57	3/4	5,250.70	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,139.53	9	4,526.66	9	4,902.21	9	5,257.95	9		9		9		9		9		9	
1/4	4,147.60	1/4	4,534.66	1/4	4,909.79	1/4	5,265.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,155.68	1/2	4,542.65	1/2	4,917.37	1/2	5,272.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,163.75	3/4	4,550.64	3/4	4,924.95	3/4	5,279.58	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,171.82	10	4,558.64	10	4,932.53	10	5,286.79	10		10		10		10		10		10	
1/4	4,179.89	1/4	4,566.60	1/4	4,940.08	1/4	5,293.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,187.96	1/2	4,574.57	1/2	4,947.63	1/2	5,301.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,196.03	3/4	4,582.53	3/4	4,955.17	3/4	5,308.34	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,204.10	11	4,590.49	11	4,962.72	11	5,315.52	11		11		11		11		11		11	
1/4	4,212.17	1/4	4,598.43	1/4	4,970.24	1/4	5,322.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,220.24	1/2	4,606.36	1/2	4,977.76	1/2	5,329.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,228.31	3/4	4,614.29	3/4	4,985.28	3/4	5,336.97	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

3 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	12.91	0	361.59	0	719.87	0	1,073.78	0	1,434.84	0	1,795.89	0	2,156.44	0	2,517.37	0	2,878.12	0	3,238.87
1/4	17.93	1/4	369.12	1/4	727.17	1/4	1,081.31	1/4	1,442.37	1/4	1,803.41	1/4	2,163.94	1/4	2,524.88	1/4	2,885.64	1/4	3,246.39
1/2	22.94	1/2	376.64	1/2	734.48	1/2	1,088.83	1/2	1,449.89	1/2	1,810.93	1/2	2,171.45	1/2	2,532.40	1/2	2,893.15	1/2	3,253.90
3/4	27.96	3/4	384.17	3/4	741.78	3/4	1,096.35	3/4	1,457.41	3/4	1,818.46	3/4	2,178.96	3/4	2,539.91	3/4	2,900.67	3/4	3,261.42
1	32.98	1	391.69	1	749.09	1	1,103.87	1	1,464.93	1	1,825.98	1	2,186.47	1	2,547.43	1	2,908.18	1	3,268.94
1/4	39.87	1/4	399.21	1/4	756.40	1/4	1,111.40	1/4	1,472.45	1/4	1,833.50	1/4	2,193.98	1/4	2,554.94	1/4	2,915.70	1/4	3,276.45
1/2	46.77	1/2	406.73	1/2	763.70	1/2	1,118.92	1/2	1,479.98	1/2	1,841.02	1/2	2,201.49	1/2	2,562.46	1/2	2,923.21	1/2	3,283.97
3/4	53.67	3/4	414.25	3/4	771.01	3/4	1,126.44	3/4	1,487.50	3/4	1,848.54	3/4	2,209.00	3/4	2,569.98	3/4	2,930.73	3/4	3,291.48
2	60.57	2	421.77	2	778.32	2	1,133.96	2	1,495.02	2	1,856.07	2	2,216.50	2	2,577.49	2	2,938.24	2	3,299.00
1/4	68.10	1/4	429.30	1/4	785.62	1/4	1,141.48	1/4	1,502.54	1/4	1,863.58	1/4	2,224.02	1/4	2,585.01	1/4	2,945.76	1/4	3,306.51
1/2	75.62	1/2	436.82	1/2	792.93	1/2	1,149.01	1/2	1,510.06	1/2	1,871.10	1/2	2,231.54	1/2	2,592.52	1/2	2,953.28	1/2	3,314.03
3/4	83.15	3/4	444.34	3/4	800.24	3/4	1,156.53	3/4	1,517.58	3/4	1,878.61	3/4	2,239.06	3/4	2,600.04	3/4	2,960.79	3/4	3,321.55
3	90.67	3	451.86	3	807.55	3	1,164.05	3	1,525.11	3	1,886.13	3	2,246.57	3	2,607.55	3	2,968.31	3	3,329.06
1/4	98.20	1/4	459.38	1/4	814.86	1/4	1,171.57	1/4	1,532.63	1/4	1,893.63	1/4	2,254.10	1/4	2,615.07	1/4	2,975.82	1/4	3,336.58
1/2	105.72	1/2	466.91	1/2	822.16	1/2	1,179.10	1/2	1,540.15	1/2	1,901.14	1/2	2,261.62	1/2	2,622.59	1/2	2,983.34	1/2	3,344.09
3/4	113.25	3/4	474.43	3/4	829.47	3/4	1,186.62	3/4	1,547.67	3/4	1,908.65	3/4	2,269.15	3/4	2,630.10	3/4	2,990.85	3/4	3,351.61
4	120.77	4	481.96	4	836.78	4	1,194.14	4	1,555.19	4	1,916.16	4	2,276.67	4	2,637.62	4	2,998.37	4	3,359.12
1/4	128.30	1/4	489.48	1/4	844.09	1/4	1,201.66	1/4	1,562.72	1/4	1,923.67	1/4	2,284.20	1/4	2,645.13	1/4	3,005.89	1/4	3,366.59
1/2	135.83	1/2	497.01	1/2	851.40	1/2	1,209.19	1/2	1,570.24	1/2	1,931.18	1/2	2,291.72	1/2	2,652.65	1/2	3,013.40	1/2	3,374.05
3/4	143.35	3/4	504.53	3/4	858.70	3/4	1,216.71	3/4	1,577.76	3/4	1,938.69	3/4	2,299.25	3/4	2,660.16	3/4	3,020.92	3/4	3,381.51
5	150.88	5	512.06	5	866.01	5	1,224.23	5	1,585.28	5	1,946.19	5	2,306.77	5	2,667.68	5	3,028.43	5	3,388.97
1/4	158.40	1/4	519.58	1/4	873.32	1/4	1,231.75	1/4	1,592.80	1/4	1,953.70	1/4	2,314.30	1/4	2,675.20	1/4	3,035.95	1/4	3,396.38
1/2	165.93	1/2	527.11	1/2	880.63	1/2	1,239.28	1/2	1,600.32	1/2	1,961.21	1/2	2,321.82	1/2	2,682.71	1/2	3,043.46	1/2	3,403.78
3/4	173.45	3/4	534.63	3/4	887.93	3/4	1,246.80	3/4	1,607.85	3/4	1,968.72	3/4	2,329.35	3/4	2,690.23	3/4	3,050.98	3/4	3,411.19
6	180.98	6	542.16	6	895.24	6	1,254.32	6	1,615.37	6	1,976.23	6	2,336.87	6	2,697.74	6	3,058.50	6	3,418.59
1/4	188.50	1/4	549.69	1/4	902.56	1/4	1,261.84	1/4	1,622.89	1/4	1,983.74	1/4	2,344.40	1/4	2,705.26	1/4	3,066.01	1/4	3,426.00
1/2	196.03	1/2	557.21	1/2	909.87	1/2	1,269.37	1/2	1,630.41	1/2	1,991.25	1/2	2,351.93	1/2	2,712.77	1/2	3,073.53	1/2	3,433.40
3/4	203.56	3/4	564.74	3/4	917.19	3/4	1,276.89	3/4	1,637.93	3/4	1,998.76	3/4	2,359.45	3/4	2,720.29	3/4	3,081.04	3/4	3,440.81
7	211.08	7	572.26	7	924.50	7	1,284.41	7	1,645.45	7	2,006.26	7	2,366.98	7	2,727.81	7	3,088.56	7	3,448.21
1/4	218.61	1/4	579.79	1/4	931.83	1/4	1,291.93	1/4	1,652.98	1/4	2,013.77	1/4	2,374.50	1/4	2,735.32	1/4	3,096.07	1/4	3,455.62
1/2	226.13	1/2	587.31	1/2	939.16	1/2	1,299.45	1/2	1,660.50	1/2	2,021.28	1/2	2,382.02	1/2	2,742.84	1/2	3,103.59	1/2	3,463.02
3/4	233.66	3/4	594.84	3/4	946.48	3/4	1,306.97	3/4	1,668.02	3/4	2,028.79	3/4	2,389.55	3/4	2,750.35	3/4	3,111.11	3/4	3,470.43
8	241.18	8	602.36	8	953.81	8	1,314.50	8	1,675.54	8	2,036.30	8	2,397.07	8	2,757.87	8	3,118.62	8	3,477.83
1/4	248.71	1/4	609.79	1/4	961.24	1/4	1,322.02	1/4	1,683.06	1/4	2,043.81	1/4	2,404.59	1/4	2,765.38	1/4	3,126.14	1/4	3,485.24
1/2	256.24	1/2	617.22	1/2	968.66	1/2	1,329.54	1/2	1,690.59	1/2	2,051.32	1/2	2,412.12	1/2	2,772.90	1/2	3,133.65	1/2	3,492.64
3/4	263.76	3/4	624.65	3/4	976.09	3/4	1,337.06	3/4	1,698.11	3/4	2,058.82	3/4	2,419.64	3/4	2,780.42	3/4	3,141.17	3/4	3,500.05
9	271.29	9	632.08	9	983.51	9	1,344.58	9	1,705.63	9	2,066.33	9	2,427.16	9	2,787.93	9	3,148.68	9	3,507.45
1/4	278.81	1/4	639.40	1/4	991.04	1/4	1,352.10	1/4	1,713.15	1/4	2,073.84	1/4	2,434.68	1/4	2,795.45	1/4	3,156.20	1/4	3,514.86
1/2	286.34	1/2	646.73	1/2	998.56	1/2	1,359.63	1/2	1,720.67	1/2	2,081.35	1/2	2,442.20	1/2	2,802.96	1/2	3,163.72	1/2	3,522.26
3/4	293.86	3/4	654.05	3/4	1,006.08	3/4	1,367.15	3/4	1,728.19	3/4	2,088.86	3/4	2,449.72	3/4	2,810.48	3/4	3,171.23	3/4	3,529.67
10	301.39	10	661.38	10	1,013.60	10	1,374.67	10	1,735.72	10	2,096.37	10	2,457.24	10	2,817.99	10	3,178.75	10	3,537.07
1/4	308.91	1/4	668.70	1/4	1,021.13	1/4	1,382.19	1/4	1,743.24	1/4	2,103.88	1/4	2,464.76	1/4	2,825.51	1/4	3,186.26	1/4	3,544.53
1/2	316.44	1/2	676.01	1/2	1,028.65	1/2	1,389.71	1/2	1,750.76	1/2	2,111.38	1/2	2,472.27	1/2	2,833.03	1/2	3,193.78	1/2	3,551.99
3/4	323.97	3/4	683.33	3/4	1,036.17	3/4	1,397.24	3/4	1,758.28	3/4	2,118.89	3/4	2,479.79	3/4	2,840.54	3/4	3,201.29	3/4	3,559.45
11	331.49	11	690.64	11	1,043.69	11	1,404.76	11	1,765.80	11	2,126.40	11	2,487.30	11	2,848.06	11	3,208.81	11	3,566.91
1/4	339.02	1/4	697.95	1/4	1,051.22	1/4	1,412.28	1/4	1,773.33	1/4	2,133.91	1/4	2,494.82	1/4	2,855.57	1/4	3,216.33	1/4	3,573.94
1/2	346.54	1/2	705.26	1/2	1,058.74	1/2	1,419.80	1/2	1,780.85	1/2	2,141.42	1/2	2,502.33	1/2	2,863.09	1/2	3,223.84	1/2	3,580.97
3/4	354.07	3/4	712.56	3/4	1,066.26	3/4	1,427.32	3/4	1,788.37	3/4	2,148.93	3/4	2,509.85	3/4	2,870.60	3/4	3,231.36	3/4	3,588.00

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 45'-08 1/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28092"

3 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	3,595.03	0	3,892.34	0	4,186.23	0	4,466.03	0	4,727.58	0		0		0		0		0	
1/4	3,601.67	1/4	3,898.49	1/4	4,192.23	1/4	4,471.65	1/4	4,733.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.31	1/2	3,904.65	1/2	4,198.22	1/2	4,477.27	1/2	4,738.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,614.96	3/4	3,910.80	3/4	4,204.22	3/4	4,482.89	3/4	4,743.87	3/4		3/4		3/4		3/4		3/4	
1	3,621.60	1	3,916.95	1	4,210.22	1	4,488.51	1	4,749.30	1		1		1		1		1	
1/4	3,627.75	1/4	3,923.11	1/4	4,216.18	1/4	4,494.10	1/4	4,755.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,633.90	1/2	3,929.26	1/2	4,222.15	1/2	4,499.69	1/2	4,760.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,640.06	3/4	3,935.41	3/4	4,228.12	3/4	4,505.28	3/4	4,766.83	3/4		3/4		3/4		3/4		3/4	
2	3,646.21	2	3,941.56	2	4,234.09	2	4,510.87	2	4,772.68	2		2		2		2		2	
1/4	3,652.36	1/4	3,947.72	1/4	4,240.02	1/4	4,516.44	1/4	4,778.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,658.52	1/2	3,953.87	1/2	4,245.96	1/2	4,522.00	1/2	4,784.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,664.67	3/4	3,960.02	3/4	4,251.90	3/4	4,527.56	3/4	4,790.84	3/4		3/4		3/4		3/4		3/4	
3	3,670.82	3	3,966.18	3	4,257.84	3	4,533.13	3	4,796.90	3		3		3		3		3	
1/4	3,676.98	1/4	3,972.33	1/4	4,263.75	1/4	4,538.66	1/4	4,802.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,683.13	1/2	3,978.48	1/2	4,269.66	1/2	4,544.19	1/2	4,808.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,689.28	3/4	3,984.64	3/4	4,275.57	3/4	4,549.73	3/4	4,814.78	3/4		3/4		3/4		3/4		3/4	
4	3,695.44	4	3,990.79	4	4,281.48	4	4,555.26	4	4,820.74	4		4		4		4		4	
1/4	3,701.59	1/4	3,996.94	1/4	4,287.36	1/4	4,560.77	1/4	4,825.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,707.74	1/2	4,003.10	1/2	4,293.24	1/2	4,566.27	1/2	4,831.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,713.90	3/4	4,009.25	3/4	4,299.12	3/4	4,571.78	3/4	4,836.37	3/4		3/4		3/4		3/4		3/4	
5	3,720.05	5	4,015.40	5	4,305.01	5	4,577.28	5	4,841.57	5		5		5		5		5	
1/4	3,726.20	1/4	4,021.56	1/4	4,310.86	1/4	4,582.76	1/4	4,845.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,732.36	1/2	4,027.71	1/2	4,316.71	1/2	4,588.24	1/2	4,849.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,738.51	3/4	4,033.86	3/4	4,322.56	3/4	4,593.72	3/4	4,852.97	3/4		3/4		3/4		3/4		3/4	
6	3,744.66	6	4,040.02	6	4,328.42	6	4,599.19	6	4,856.76	6		6		6		6		6	
1/4	3,750.82	1/4	4,046.17	1/4	4,334.24	1/4	4,604.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.97	1/2	4,052.31	1/2	4,340.07	1/2	4,610.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,763.12	3/4	4,058.46	3/4	4,345.89	3/4	4,615.54	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,769.28	7	4,064.61	7	4,351.71	7	4,620.99	7		7		7		7		7		7	
1/4	3,775.43	1/4	4,070.75	1/4	4,357.51	1/4	4,626.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,781.58	1/2	4,076.88	1/2	4,363.31	1/2	4,631.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,787.73	3/4	4,083.02	3/4	4,369.10	3/4	4,637.25	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,793.89	8	4,089.15	8	4,374.90	8	4,642.67	8		8		8		8		8		8	
1/4	3,800.04	1/4	4,095.26	1/4	4,380.65	1/4	4,648.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.19	1/2	4,101.38	1/2	4,386.40	1/2	4,653.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.35	3/4	4,107.49	3/4	4,392.15	3/4	4,658.84	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,818.50	9	4,113.60	9	4,397.90	9	4,664.23	9		9		9		9		9		9	
1/4	3,824.65	1/4	4,119.68	1/4	4,403.61	1/4	4,669.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,830.81	1/2	4,125.76	1/2	4,409.31	1/2	4,674.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,836.96	3/4	4,131.84	3/4	4,415.02	3/4	4,680.22	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,843.11	10	4,137.92	10	4,420.72	10	4,685.55	10		10		10		10		10		10	
1/4	3,849.27	1/4	4,143.98	1/4	4,426.40	1/4	4,690.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,855.42	1/2	4,150.03	1/2	4,432.08	1/2	4,696.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,861.57	3/4	4,156.08	3/4	4,437.76	3/4	4,701.36	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,867.73	11	4,162.13	11	4,443.43	11	4,706.62	11		11		11		11		11		11	
1/4	3,873.88	1/4	4,168.16	1/4	4,449.08	1/4	4,711.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.03	1/2	4,174.18	1/2	4,454.73	1/2	4,717.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.19	3/4	4,180.21	3/4	4,460.38	3/4	4,722.34	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
COMPUTED: 03/18/2024 CL
PRINTED: 03/18/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

**3 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE 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	12.92	0	361.70	0	715.94	0	1,059.76	0	1,420.48	0	1,780.65	0	2,137.09	0	2,497.74	0	2,858.16	0	3,218.67
1/4	17.95	1/4	369.22	1/4	722.95	1/4	1,067.27	1/4	1,428.00	1/4	1,788.07	1/4	2,144.59	1/4	2,505.25	1/4	2,865.67	1/4	3,226.18
1/2	22.97	1/2	376.74	1/2	729.97	1/2	1,074.78	1/2	1,435.51	1/2	1,795.50	1/2	2,152.10	1/2	2,512.75	1/2	2,873.18	1/2	3,233.69
3/4	27.99	3/4	384.26	3/4	736.98	3/4	1,082.29	3/4	1,443.03	3/4	1,802.92	3/4	2,159.60	3/4	2,520.26	3/4	2,880.69	3/4	3,241.20
1	33.02	1	391.78	1	744.00	1	1,089.80	1	1,450.54	1	1,810.35	1	2,167.11	1	2,527.77	1	2,888.20	1	3,248.71
1/4	39.92	1/4	399.30	1/4	751.01	1/4	1,097.31	1/4	1,458.05	1/4	1,817.77	1/4	2,174.61	1/4	2,535.27	1/4	2,895.71	1/4	3,256.22
1/2	46.83	1/2	406.82	1/2	758.03	1/2	1,104.83	1/2	1,465.57	1/2	1,825.20	1/2	2,182.12	1/2	2,542.78	1/2	2,903.22	1/2	3,263.73
3/4	53.74	3/4	414.34	3/4	765.04	3/4	1,112.34	3/4	1,473.08	3/4	1,832.62	3/4	2,189.62	3/4	2,550.28	3/4	2,910.73	3/4	3,271.24
2	60.64	2	421.86	2	772.06	2	1,119.86	2	1,480.60	2	1,840.05	2	2,197.13	2	2,557.79	2	2,918.24	2	3,278.75
1/4	68.18	1/4	429.38	1/4	779.07	1/4	1,127.38	1/4	1,488.11	1/4	1,847.46	1/4	2,204.64	1/4	2,565.29	1/4	2,925.75	1/4	3,286.26
1/2	75.71	1/2	436.90	1/2	786.09	1/2	1,134.89	1/2	1,495.63	1/2	1,854.88	1/2	2,212.15	1/2	2,572.80	1/2	2,933.26	1/2	3,293.77
3/4	83.25	3/4	444.42	3/4	793.10	3/4	1,142.41	3/4	1,503.14	3/4	1,862.30	3/4	2,219.67	3/4	2,580.30	3/4	2,940.77	3/4	3,301.28
3	90.78	3	451.94	3	800.12	3	1,149.93	3	1,510.66	3	1,869.72	3	2,227.18	3	2,587.81	3	2,948.28	3	3,308.79
1/4	98.32	1/4	459.46	1/4	807.14	1/4	1,157.45	1/4	1,518.17	1/4	1,877.13	1/4	2,234.70	1/4	2,595.31	1/4	2,955.79	1/4	3,316.30
1/2	105.85	1/2	466.98	1/2	814.15	1/2	1,164.97	1/2	1,525.69	1/2	1,884.54	1/2	2,242.22	1/2	2,602.82	1/2	2,963.31	1/2	3,323.81
3/4	113.39	3/4	474.50	3/4	821.17	3/4	1,172.48	3/4	1,533.20	3/4	1,891.95	3/4	2,249.74	3/4	2,610.32	3/4	2,970.82	3/4	3,331.32
4	120.93	4	482.02	4	828.19	4	1,180.00	4	1,540.72	4	1,899.36	4	2,257.26	4	2,617.83	4	2,978.33	4	3,338.84
1/4	128.45	1/4	489.55	1/4	835.20	1/4	1,187.52	1/4	1,548.23	1/4	1,906.77	1/4	2,264.79	1/4	2,625.34	1/4	2,985.84	1/4	3,346.29
1/2	135.98	1/2	497.07	1/2	842.22	1/2	1,195.03	1/2	1,555.75	1/2	1,914.19	1/2	2,272.31	1/2	2,632.84	1/2	2,993.35	1/2	3,353.74
3/4	143.51	3/4	504.59	3/4	849.23	3/4	1,202.55	3/4	1,563.26	3/4	1,921.60	3/4	2,279.83	3/4	2,640.35	3/4	3,000.86	3/4	3,361.20
5	151.04	5	512.12	5	856.25	5	1,210.06	5	1,570.78	5	1,929.01	5	2,287.35	5	2,647.86	5	3,008.37	5	3,368.65
1/4	158.56	1/4	519.64	1/4	863.26	1/4	1,217.58	1/4	1,578.29	1/4	1,936.42	1/4	2,294.87	1/4	2,655.37	1/4	3,015.88	1/4	3,376.05
1/2	166.09	1/2	527.16	1/2	870.27	1/2	1,225.09	1/2	1,585.81	1/2	1,943.83	1/2	2,302.39	1/2	2,662.88	1/2	3,023.39	1/2	3,383.45
3/4	173.61	3/4	534.69	3/4	877.28	3/4	1,232.61	3/4	1,593.32	3/4	1,951.24	3/4	2,309.91	3/4	2,670.39	3/4	3,030.90	3/4	3,390.86
6	181.14	6	542.21	6	884.30	6	1,240.12	6	1,600.84	6	1,958.65	6	2,317.44	6	2,677.90	6	3,038.41	6	3,398.26
1/4	188.66	1/4	549.73	1/4	891.32	1/4	1,247.64	1/4	1,608.35	1/4	1,966.06	1/4	2,324.96	1/4	2,685.41	1/4	3,045.92	1/4	3,405.66
1/2	196.18	1/2	557.26	1/2	898.34	1/2	1,255.15	1/2	1,615.87	1/2	1,973.48	1/2	2,332.48	1/2	2,692.92	1/2	3,053.43	1/2	3,413.06
3/4	203.71	3/4	564.78	3/4	905.36	3/4	1,262.67	3/4	1,623.38	3/4	1,980.89	3/4	2,340.00	3/4	2,700.43	3/4	3,060.94	3/4	3,420.46
7	211.23	7	572.30	7	912.38	7	1,270.18	7	1,630.90	7	1,988.30	7	2,347.52	7	2,707.94	7	3,068.45	7	3,427.86
1/4	218.75	1/4	579.83	1/4	919.42	1/4	1,277.70	1/4	1,638.41	1/4	1,995.71	1/4	2,355.04	1/4	2,715.46	1/4	3,075.96	1/4	3,435.26
1/2	226.28	1/2	587.35	1/2	926.46	1/2	1,285.21	1/2	1,645.92	1/2	2,003.12	1/2	2,362.56	1/2	2,722.97	1/2	3,083.47	1/2	3,442.67
3/4	233.80	3/4	594.87	3/4	933.50	3/4	1,292.73	3/4	1,653.44	3/4	2,010.53	3/4	2,370.08	3/4	2,730.48	3/4	3,090.99	3/4	3,450.07
8	241.32	8	602.40	8	940.54	8	1,300.24	8	1,660.95	8	2,017.94	8	2,377.60	8	2,737.99	8	3,098.50	8	3,457.48
1/4	248.85	1/4	609.69	1/4	947.82	1/4	1,307.76	1/4	1,668.47	1/4	2,025.36	1/4	2,385.12	1/4	2,745.50	1/4	3,106.01	1/4	3,464.89
1/2	256.37	1/2	616.97	1/2	955.09	1/2	1,315.27	1/2	1,675.98	1/2	2,032.77	1/2	2,392.63	1/2	2,753.01	1/2	3,113.52	1/2	3,472.30
3/4	263.89	3/4	624.26	3/4	962.37	3/4	1,322.79	3/4	1,683.50	3/4	2,040.18	3/4	2,400.15	3/4	2,760.52	3/4	3,121.03	3/4	3,479.71
9	271.42	9	631.55	9	969.65	9	1,330.30	9	1,691.01	9	2,047.59	9	2,407.67	9	2,768.03	9	3,128.54	9	3,487.12
1/4	278.94	1/4	638.60	1/4	977.16	1/4	1,337.82	1/4	1,698.53	1/4	2,055.00	1/4	2,415.17	1/4	2,775.54	1/4	3,136.05	1/4	3,494.54
1/2	286.46	1/2	645.65	1/2	984.67	1/2	1,345.33	1/2	1,706.04	1/2	2,062.41	1/2	2,422.68	1/2	2,783.05	1/2	3,143.56	1/2	3,501.95
3/4	293.99	3/4	652.70	3/4	992.18	3/4	1,352.85	3/4	1,713.56	3/4	2,069.82	3/4	2,430.19	3/4	2,790.56	3/4	3,151.07	3/4	3,509.36
10	301.51	10	659.75	10	999.69	10	1,360.36	10	1,721.07	10	2,077.24	10	2,437.70	10	2,798.07	10	3,158.58	10	3,516.77
1/4	309.03	1/4	666.79	1/4	1,007.20	1/4	1,367.88	1/4	1,728.54	1/4	2,084.69	1/4	2,445.21	1/4	2,805.58	1/4	3,166.09	1/4	3,524.24
1/2	316.56	1/2	673.82	1/2	1,014.70	1/2	1,375.39	1/2	1,736.01	1/2	2,092.15	1/2	2,452.71	1/2	2,813.09	1/2	3,173.60	1/2	3,531.70
3/4	324.08	3/4	680.85	3/4	1,022.21	3/4	1,382.91	3/4	1,743.48	3/4	2,099.61	3/4	2,460.22	3/4	2,820.60	3/4	3,181.11	3/4	3,539.17
11	331.60	11	687.88	11	1,029.72	11	1,390.42	11	1,750.95	11	2,107.07	11	2,467.72	11	2,828.11	11	3,188.62	11	3,546.64
1/4	339.13	1/4	694.90	1/4	1,037.23	1/4	1,397.94	1/4	1,758.38	1/4	2,114.57	1/4	2,475.23	1/4	2,835.62	1/4	3,196.13	1/4	3,553.67
1/2	346.65	1/2	701.91	1/2	1,044.74	1/2	1,405.45	1/2	1,765.80	1/2	2,122.08	1/2	2,482.73	1/2	2,843.14	1/2	3,203.64	1/2	3,560.71
3/4	354.17	3/4	708.93	3/4	1,052.25	3/4	1,412.97	3/4	1,773.22	3/4	2,129.58	3/4	2,490.24	3/4	2,850.65	3/4	3,211.15	3/4	3,567.75

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 1/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 28092"

3 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	3,574.79	0	3,872.74	0	4,167.29	0	4,447.76	0	4,710.03	0		0		0		0		0	
1/4	3,581.45	1/4	3,878.91	1/4	4,173.30	1/4	4,453.39	1/4	4,715.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,588.10	1/2	3,885.08	1/2	4,179.31	1/2	4,459.03	1/2	4,720.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,594.76	3/4	3,891.24	3/4	4,185.32	3/4	4,464.66	3/4	4,726.37	3/4		3/4		3/4		3/4		3/4	
1	3,601.41	1	3,897.41	1	4,191.33	1	4,470.30	1	4,731.81	1		1		1		1		1	
1/4	3,607.58	1/4	3,903.58	1/4	4,197.31	1/4	4,475.90	1/4	4,737.67	1/4		1/4		1/4		1/4		1/4	
1/2	3,613.74	1/2	3,909.74	1/2	4,203.29	1/2	4,481.51	1/2	4,743.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,619.91	3/4	3,915.91	3/4	4,209.27	3/4	4,487.12	3/4	4,749.38	3/4		3/4		3/4		3/4		3/4	
2	3,626.08	2	3,922.08	2	4,215.25	2	4,492.72	2	4,755.24	2		2		2		2		2	
1/4	3,632.24	1/4	3,928.24	1/4	4,221.20	1/4	4,498.30	1/4	4,761.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,638.41	1/2	3,934.41	1/2	4,227.15	1/2	4,503.88	1/2	4,767.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.58	3/4	3,940.58	3/4	4,233.11	3/4	4,509.46	3/4	4,773.45	3/4		3/4		3/4		3/4		3/4	
3	3,650.74	3	3,946.75	3	4,239.06	3	4,515.03	3	4,779.52	3		3		3		3		3	
1/4	3,656.91	1/4	3,952.91	1/4	4,244.98	1/4	4,520.58	1/4	4,785.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,663.08	1/2	3,959.08	1/2	4,250.91	1/2	4,526.13	1/2	4,791.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,669.24	3/4	3,965.25	3/4	4,256.83	3/4	4,531.68	3/4	4,797.44	3/4		3/4		3/4		3/4		3/4	
4	3,675.41	4	3,971.41	4	4,262.76	4	4,537.23	4	4,803.41	4		4		4		4		4	
1/4	3,681.58	1/4	3,977.58	1/4	4,268.65	1/4	4,542.75	1/4	4,808.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,687.74	1/2	3,983.75	1/2	4,274.55	1/2	4,548.27	1/2	4,813.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,693.91	3/4	3,989.91	3/4	4,280.44	3/4	4,553.79	3/4	4,819.08	3/4		3/4		3/4		3/4		3/4	
5	3,700.08	5	3,996.08	5	4,286.34	5	4,559.31	5	4,824.30	5		5		5		5		5	
1/4	3,706.24	1/4	4,002.25	1/4	4,292.21	1/4	4,564.80	1/4	4,828.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,712.41	1/2	4,008.41	1/2	4,298.07	1/2	4,570.29	1/2	4,831.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,718.58	3/4	4,014.58	3/4	4,303.94	3/4	4,575.79	3/4	4,835.72	3/4		3/4		3/4		3/4		3/4	
6	3,724.74	6	4,020.75	6	4,309.81	6	4,581.28	6	4,839.53	6		6		6		6		6	
1/4	3,730.91	1/4	4,026.91	1/4	4,315.64	1/4	4,586.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,737.08	1/2	4,033.07	1/2	4,321.48	1/2	4,592.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.24	3/4	4,039.23	3/4	4,327.32	3/4	4,597.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,749.41	7	4,045.39	7	4,333.16	7	4,603.13	7		7		7		7		7		7	
1/4	3,755.58	1/4	4,051.54	1/4	4,338.97	1/4	4,608.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,761.74	1/2	4,057.69	1/2	4,344.78	1/2	4,614.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,767.91	3/4	4,063.84	3/4	4,350.59	3/4	4,619.44	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,774.08	8	4,069.99	8	4,356.40	8	4,624.87	8		8		8		8		8		8	
1/4	3,780.24	1/4	4,076.11	1/4	4,362.16	1/4	4,630.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.41	1/2	4,082.24	1/2	4,367.93	1/2	4,635.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,792.58	3/4	4,088.36	3/4	4,373.69	3/4	4,641.09	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,798.74	9	4,094.49	9	4,379.46	9	4,646.50	9		9		9		9		9		9	
1/4	3,804.91	1/4	4,100.58	1/4	4,385.18	1/4	4,651.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,811.08	1/2	4,106.68	1/2	4,390.90	1/2	4,657.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,817.24	3/4	4,112.77	3/4	4,396.62	3/4	4,662.53	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,823.41	10	4,118.87	10	4,402.34	10	4,667.88	10		10		10		10		10		10	
1/4	3,829.58	1/4	4,124.93	1/4	4,408.03	1/4	4,673.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,835.74	1/2	4,131.00	1/2	4,413.72	1/2	4,678.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,841.91	3/4	4,137.07	3/4	4,419.42	3/4	4,683.73	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,848.08	11	4,143.13	11	4,425.11	11	4,689.01	11		11		11		11		11		11	
1/4	3,854.24	1/4	4,149.17	1/4	4,430.77	1/4	4,694.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,860.41	1/2	4,155.21	1/2	4,436.43	1/2	4,699.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,866.58	3/4	4,161.25	3/4	4,442.10	3/4	4,704.78	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2024 JS
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PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 28092"

PORT SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-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	
1/4	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	
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	
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	
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	
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	
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	
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	
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	4,813	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	
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	
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	
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	

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 AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

STRAPPED: 03/15/2024 JS
 CALCULATED: 03/18/2024 CL
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CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2024

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
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BARGE "KIRBY 28092"

STBD SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-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	4,167	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	4,187	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	4,267	1/2		1/2		1/2		1/2		1/2	
3/4	154	3/4	1,212	3/4	2,270	3/4	3,304	3/4	4,287	3/4		3/4		3/4		3/4		3/4	
2	176	2	1,234	2	2,292	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	2,314	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	2,336	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	2,358	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	4,423	1/2		1/2		1/2		1/2		1/2	
3/4	331	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	4,498	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	4,554	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	4,610	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	1,631	1/2	2,685	1/2	3,700	1/2	4,647	1/2		1/2		1/2		1/2		1/2	
3/4	595	3/4	1,653	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	1,675	7	2,728	7	3,741	7	4,684	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	4,721	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	2,815	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	4,794	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	4,812	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	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	970	11	2,027	11	3,072	11	4,066	11	11	11	11	11	11	11	11	11	11	11	11
1/4	992	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	1,014	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	

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 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 28092"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-01 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	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	
1/4	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	
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	
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	
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	
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	
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	
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	
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	888	3/4		3/4		3/4		3/4		3/4	
9	141	9	329	9	516	9	704	9	892	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	
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	
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	

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