



BARGE "KIRBY 28026"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-06"

June 5, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 28026"

1 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	4,352.60	0	4,052.29	0	3,755.75	0	3,444.57	0	3,119.86	0	2,788.27	0	2,456.67		
1/4		1/4		1/4		1/4	4,347.42	1/4	4,046.27	1/4	3,749.41	1/4	3,437.95	1/4	3,112.96	1/4	2,781.36	1/4	2,449.76		
1/2		1/2		1/2		1/2	4,340.51	1/2	4,040.22	1/2	3,743.05	1/2	3,431.31	1/2	3,106.05	1/2	2,774.45	1/2	2,442.85		
3/4		3/4		3/4		3/4	4,333.60	3/4	4,034.17	3/4	3,736.69	3/4	3,424.67	3/4	3,099.14	3/4	2,767.54	3/4	2,435.94		
1		1		1		1	4,326.69	1	4,028.12	1	3,730.33	1	3,418.04	1	3,092.23	1	2,760.64	1	2,429.03		
1/4		1/4		1/4		1/4	4,319.78	1/4	4,022.08	1/4	3,723.97	1/4	3,411.40	1/4	3,085.33	1/4	2,753.73	1/4	2,422.12		
1/2		1/2		1/2		1/2	4,312.87	1/2	4,016.01	1/2	3,717.59	1/2	3,404.73	1/2	3,078.42	1/2	2,746.82	1/2	2,415.22		
3/4		3/4		3/4		3/4	4,305.96	3/4	4,009.94	3/4	3,711.20	3/4	3,398.06	3/4	3,071.51	3/4	2,739.91	3/4	2,408.31		
2		2		2		2	4,299.05	2	4,003.87	2	3,704.82	2	3,391.39	2	3,064.60	2	2,733.00	2	2,401.40		
1/4		1/4		1/4		1/4	4,292.14	1/4	3,997.81	1/4	3,698.44	1/4	3,384.73	1/4	3,057.69	1/4	2,726.09	1/4	2,394.49		
1/2		1/2		1/2		1/2	4,285.23	1/2	3,991.72	1/2	3,692.03	1/2	3,378.04	1/2	3,050.78	1/2	2,719.19	1/2	2,387.58		
3/4		3/4		3/4		3/4	4,278.32	3/4	3,985.63	3/4	3,685.62	3/4	3,371.35	3/4	3,043.88	3/4	2,712.28	3/4	2,380.67		
3		3		3		3	4,271.41	3	3,979.54	3	3,679.21	3	3,364.66	3	3,036.97	3	2,705.37	3	2,373.76		
1/4		1/4		1/4		1/4	4,264.51	1/4	3,973.45	1/4	3,672.80	1/4	3,357.98	1/4	3,030.06	1/4	2,698.46	1/4	2,366.85		
1/2		1/2		1/2		1/2	4,257.60	1/2	3,967.33	1/2	3,666.38	1/2	3,351.27	1/2	3,023.15	1/2	2,691.55	1/2	2,359.94		
3/4		3/4		3/4		3/4	4,250.69	3/4	3,961.22	3/4	3,659.95	3/4	3,344.56	3/4	3,016.24	3/4	2,684.64	3/4	2,353.03		
4		4		4		4	4,243.78	4	3,955.10	4	3,653.52	4	3,337.85	4	3,009.34	4	2,677.74	4	2,346.12		
1/4		1/4		1/4		1/4	4,236.87	1/4	3,948.98	1/4	3,647.09	1/4	3,331.14	1/4	3,002.43	1/4	2,670.83	1/4	2,339.21		
1/2		1/2		1/2		1/2	4,230.97	1/2	3,942.84	1/2	3,640.64	1/2	3,324.40	1/2	2,995.52	1/2	2,663.92	1/2	2,332.30		
3/4		3/4		3/4		3/4	4,225.08	3/4	3,936.71	3/4	3,634.18	3/4	3,317.67	3/4	2,988.61	3/4	2,657.01	3/4	2,325.39		
5		5		5		5	4,219.18	5	3,930.57	5	3,627.73	5	3,310.93	5	2,981.70	5	2,650.10	5	2,318.48		
1/4		1/4		1/4		1/4	4,213.29	1/4	3,924.43	1/4	3,621.28	1/4	3,304.19	1/4	2,974.79	1/4	2,643.20	1/4	2,311.57		
1/2		1/2		1/2		1/2	4,207.38	1/2	3,918.27	1/2	3,614.80	1/2	3,297.44	1/2	2,967.89	1/2	2,636.29	1/2	2,304.66		
3/4		3/4		3/4		3/4	4,201.46	3/4	3,912.11	3/4	3,608.33	3/4	3,290.68	3/4	2,960.98	3/4	2,629.38	3/4	2,297.75		
6		6		6		6	4,195.55	6	3,905.96	6	3,601.85	6	3,283.92	6	2,954.07	6	2,622.47	6	2,290.84		
1/4		1/4		1/4		1/4	4,189.63	1/4	3,899.80	1/4	3,595.37	1/4	3,277.16	1/4	2,947.16	1/4	2,615.56	1/4	2,283.93		
1/2		1/2		1/2		1/2	4,183.70	1/2	3,893.61	1/2	3,588.87	1/2	3,270.38	1/2	2,940.25	1/2	2,608.65	1/2	2,277.03		
3/4		3/4		3/4		3/4	4,177.76	3/4	3,887.42	3/4	3,582.37	3/4	3,263.59	3/4	2,933.34	3/4	2,601.75	3/4	2,270.12		
7		7		7		7	4,171.82	7	3,881.24	7	3,575.87	7	3,256.80	7	2,926.44	7	2,594.84	7	2,263.21		
1/4		1/4		1/4		1/4	4,165.89	1/4	3,875.05	1/4	3,569.37	1/4	3,250.01	1/4	2,919.53	1/4	2,587.93	1/4	2,256.30		
1/2		1/2		1/2		1/2	4,159.92	1/2	3,868.84	1/2	3,562.85	1/2	3,243.21	1/2	2,912.62	1/2	2,581.02	1/2	2,249.39		
3/4		3/4		3/4		3/4	4,153.96	3/4	3,862.64	3/4	3,556.33	3/4	3,236.40	3/4	2,905.71	3/4	2,574.11	3/4	2,242.48		
8		8		8		8	4,148.00	8	3,856.43	8	3,549.81	8	3,229.60	8	2,898.80	8	2,567.20	8	2,235.57		
1/4		1/4		1/4		1/4	4,142.03	1/4	3,850.22	1/4	3,543.29	1/4	3,222.79	1/4	2,891.89	1/4	2,560.30	1/4	2,228.66		
1/2		1/2		1/2		1/2	4,136.08	1/2	3,843.96	1/2	3,536.74	1/2	3,215.96	1/2	2,884.99	1/2	2,553.39	1/2	2,221.75		
3/4		3/4		3/4		3/4	4,130.13	3/4	3,837.70	3/4	3,530.19	3/4	3,209.13	3/4	2,878.08	3/4	2,546.48	3/4	2,214.84		
9		9		9		9	4,124.18	9	3,831.43	9	3,523.64	9	3,202.31	9	2,871.17	9	2,539.57	9	2,207.93		
1/4		1/4		1/4		1/4	4,118.23	1/4	3,825.17	1/4	3,517.10	1/4	3,195.48	1/4	2,864.26	1/4	2,532.66	1/4	2,201.02		
1/2		1/2		1/2		1/2	4,112.26	1/2	3,818.88	1/2	3,510.53	1/2	3,188.62	1/2	2,857.35	1/2	2,525.75	1/2	2,194.11		
3/4		3/4		3/4		3/4	4,106.29	3/4	3,812.59	3/4	3,503.96	3/4	3,181.77	3/4	2,850.44	3/4	2,518.85	3/4	2,187.20		
10		10		10		10	4,100.32	10	3,806.30	10	3,497.39	10	3,174.91	10	2,843.54	10	2,511.94	10	2,180.29		
1/4		1/4		1/4		1/4	4,094.34	1/4	3,800.01	1/4	3,490.82	1/4	3,168.05	1/4	2,836.63	1/4	2,505.03	1/4	2,173.38		
1/2		1/2		1/2		1/2	4,088.35	1/2	3,793.70	1/2	3,484.22	1/2	3,161.18	1/2	2,829.72	1/2	2,498.12	1/2	2,166.47		
3/4		3/4		3/4		3/4	4,082.35	3/4	3,787.39	3/4	3,477.62	3/4	3,154.30	3/4	2,822.81	3/4	2,491.21	3/4	2,159.56		
11		11		11		11	4,076.35	11	3,781.08	11	3,471.02	11	3,147.43	11	2,815.90	11	2,484.30	11	2,152.65		
1/4		1/4		1/4		1/4	4,070.35	1/4	3,774.77	1/4	3,464.42	1/4	3,140.55	1/4	2,808.99	1/4	2,477.40	1/4	2,145.74		
1/2		1/2		1/2		1/2	4,362.97	1/2	4,064.33	1/2	3,768.43	1/2	3,457.81	1/2	3,133.65	1/2	2,802.09	1/2	2,470.49	1/2	2,138.84
3/4		3/4		3/4		3/4	4,357.79	3/4	4,058.31	3/4	3,762.09	3/4	3,451.19	3/4	3,126.75	3/4	2,795.18	3/4	2,463.58	3/4	2,131.93

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 12'-08" OFF CENTERLINE AND 39'-02 1/2" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 28026"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,125.02	0	1,793.36	0	1,461.70	0	1,130.05	0	804.46	0	500.91	0	220.82	0		0		0	
1/4	2,118.11	1/4	1,786.45	1/4	1,454.79	1/4	1,123.14	1/4	797.89	1/4	494.82	1/4	215.22	1/4		1/4		1/4	
1/2	2,111.20	1/2	1,779.54	1/2	1,447.89	1/2	1,116.23	1/2	791.37	1/2	488.77	1/2	209.67	1/2		1/2		1/2	
3/4	2,104.29	3/4	1,772.63	3/4	1,440.98	3/4	1,109.32	3/4	784.84	3/4	482.72	3/4	204.11	3/4		3/4		3/4	
1	2,097.38	1	1,765.72	1	1,434.07	1	1,102.41	1	778.32	1	476.67	1	198.55	1		1		1	
1/4	2,090.47	1/4	1,758.81	1/4	1,427.16	1/4	1,095.50	1/4	771.79	1/4	470.62	1/4	193.00	1/4		1/4		1/4	
1/2	2,083.56	1/2	1,751.90	1/2	1,420.25	1/2	1,088.59	1/2	765.31	1/2	464.61	1/2	187.48	1/2		1/2		1/2	
3/4	2,076.65	3/4	1,744.99	3/4	1,413.34	3/4	1,081.68	3/4	758.82	3/4	458.60	3/4	181.96	3/4		3/4		3/4	
2	2,069.74	2	1,738.08	2	1,406.43	2	1,074.78	2	752.33	2	452.59	2	176.44	2		2		2	
1/4	2,062.83	1/4	1,731.17	1/4	1,399.52	1/4	1,067.87	1/4	745.85	1/4	446.58	1/4	170.92	1/4		1/4		1/4	
1/2	2,055.92	1/2	1,724.27	1/2	1,392.61	1/2	1,060.97	1/2	739.39	1/2	440.61	1/2	165.44	1/2		1/2		1/2	
3/4	2,049.01	3/4	1,717.36	3/4	1,385.70	3/4	1,054.07	3/4	732.93	3/4	434.64	3/4	159.97	3/4		3/4		3/4	
3	2,042.10	3	1,710.45	3	1,378.79	3	1,047.17	3	726.47	3	428.68	3	154.49	3		3		3	
1/4	2,035.19	1/4	1,703.54	1/4	1,371.88	1/4	1,040.27	1/4	720.01	1/4	422.71	1/4	149.02	1/4		1/4		1/4	
1/2	2,028.28	1/2	1,696.63	1/2	1,364.97	1/2	1,033.38	1/2	713.59	1/2	416.78	1/2	143.58	1/2		1/2		1/2	
3/4	2,021.37	3/4	1,689.72	3/4	1,358.06	3/4	1,026.50	3/4	707.17	3/4	410.85	3/4	138.14	3/4		3/4		3/4	
4	2,014.46	4	1,682.81	4	1,351.15	4	1,019.61	4	700.75	4	404.92	4	132.70	4		4		4	
1/4	2,007.55	1/4	1,675.90	1/4	1,344.24	1/4	1,012.73	1/4	694.33	1/4	399.00	1/4	127.26	1/4		1/4		1/4	
1/2	2,000.65	1/2	1,668.99	1/2	1,337.33	1/2	1,005.87	1/2	687.95	1/2	393.11	1/2	121.87	1/2		1/2		1/2	
3/4	1,993.74	3/4	1,662.08	3/4	1,330.42	3/4	999.01	3/4	681.57	3/4	387.22	3/4	116.48	3/4		3/4		3/4	
5	1,986.83	5	1,655.17	5	1,323.51	5	992.14	5	675.20	5	381.34	5	111.09	5		5		5	
1/4	1,979.92	1/4	1,648.26	1/4	1,316.60	1/4	985.28	1/4	668.82	1/4	375.45	1/4	105.70	1/4		1/4		1/4	
1/2	1,973.01	1/2	1,641.35	1/2	1,309.70	1/2	978.46	1/2	662.48	1/2	369.61	1/2	100.35	1/2		1/2		1/2	
3/4	1,966.10	3/4	1,634.44	3/4	1,302.79	3/4	971.63	3/4	656.14	3/4	363.76	3/4	94.99	3/4		3/4		3/4	
6	1,959.19	6	1,627.53	6	1,295.88	6	964.80	6	649.80	6	357.92	6	89.64	6		6		6	
1/4	1,952.28	1/4	1,620.62	1/4	1,288.97	1/4	957.97	1/4	643.47	1/4	352.07	1/4	84.29	1/4		1/4		1/4	
1/2	1,945.37	1/2	1,613.71	1/2	1,282.06	1/2	951.20	1/2	637.17	1/2	346.27	1/2	78.98	1/2		1/2		1/2	
3/4	1,938.46	3/4	1,606.80	3/4	1,275.15	3/4	944.43	3/4	630.88	3/4	340.46	3/4	73.67	3/4		3/4		3/4	
7	1,931.55	7	1,599.89	7	1,268.24	7	937.66	7	624.58	7	334.66	7	68.36	7		7		7	
1/4	1,924.64	1/4	1,592.98	1/4	1,261.33	1/4	930.88	1/4	618.28	1/4	328.86	1/4	63.05	1/4		1/4		1/4	
1/2	1,917.73	1/2	1,586.08	1/2	1,254.42	1/2	924.15	1/2	612.03	1/2	323.09	1/2	57.78	1/2		1/2		1/2	
3/4	1,910.82	3/4	1,579.17	3/4	1,247.51	3/4	917.42	3/4	605.77	3/4	317.33	3/4	52.51	3/4		3/4		3/4	
8	1,903.91	8	1,572.26	8	1,240.60	8	910.69	8	599.52	8	311.56	8	47.24	8		8		8	
1/4	1,897.00	1/4	1,565.35	1/4	1,233.69	1/4	903.96	1/4	593.26	1/4	305.80	1/4	41.97	1/4		1/4		1/4	
1/2	1,890.09	1/2	1,558.44	1/2	1,226.78	1/2	897.27	1/2	587.05	1/2	300.08	1/2	37.61	1/2		1/2		1/2	
3/4	1,883.18	3/4	1,551.53	3/4	1,219.87	3/4	890.58	3/4	580.83	3/4	294.36	3/4	33.25	3/4		3/4		3/4	
9	1,876.27	9	1,544.62	9	1,212.96	9	883.89	9	574.62	9	288.63	9	28.89	9		9		9	
1/4	1,869.36	1/4	1,537.71	1/4	1,206.05	1/4	877.20	1/4	568.41	1/4	282.91	1/4	24.53	1/4		1/4		1/4	
1/2	1,862.46	1/2	1,530.80	1/2	1,199.14	1/2	870.55	1/2	562.23	1/2	277.23	1/2	21.93	1/2		1/2		1/2	
3/4	1,855.55	3/4	1,523.89	3/4	1,192.23	3/4	863.90	3/4	556.06	3/4	271.55	3/4	19.33	3/4		3/4		3/4	
10	1,848.64	10	1,516.98	10	1,185.32	10	857.25	10	549.88	10	265.86	10	16.74	10		10		10	
1/4	1,841.73	1/4	1,510.07	1/4	1,178.41	1/4	850.60	1/4	543.71	1/4	260.18	1/4	14.14	1/4		1/4		1/4	
1/2	1,834.82	1/2	1,503.16	1/2	1,171.51	1/2	843.99	1/2	537.58	1/2	254.54	1/2		1/2		1/2		1/2	
3/4	1,827.91	3/4	1,496.25	3/4	1,164.60	3/4	837.38	3/4	531.45	3/4	248.90	3/4		3/4		3/4		3/4	
11	1,821.00	11	1,489.34	11	1,157.69	11	830.77	11	525.32	11	243.27	11		11		11		11	
1/4	1,814.09	1/4	1,482.43	1/4	1,150.78	1/4	824.17	1/4	519.18	1/4	237.63	1/4		1/4		1/4		1/4	
1/2	1,807.18	1/2	1,475.52	1/2	1,143.87	1/2	817.60	1/2	513.09	1/2	232.03	1/2		1/2		1/2		1/2	
3/4	1,800.27	3/4	1,468.61	3/4	1,136.96	3/4	811.03	3/4	507.00	3/4	226.42	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/05/2003 CL - SW
CALCULATED: 03/05/2003 CL
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 28026"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	4,350.82	0	4,050.51	0	3,753.97	0	3,442.79	0	3,118.08	0	2,786.49	0	2,454.89
1/4		1/4		1/4		1/4	4,345.64	1/4	4,044.49	1/4	3,747.63	1/4	3,436.18	1/4	3,111.18	1/4	2,779.58	1/4	2,447.98
1/2		1/2		1/2		1/2	4,338.73	1/2	4,038.44	1/2	3,741.27	1/2	3,429.54	1/2	3,104.27	1/2	2,772.67	1/2	2,441.08
3/4		3/4		3/4		3/4	4,331.82	3/4	4,032.40	3/4	3,734.91	3/4	3,422.90	3/4	3,097.36	3/4	2,765.77	3/4	2,434.17
1		1		1		1	4,324.91	1	4,026.35	1	3,728.55	1	3,416.26	1	3,090.46	1	2,758.86	1	2,427.26
1/4		1/4		1/4		1/4	4,318.00	1/4	4,020.30	1/4	3,722.19	1/4	3,409.62	1/4	3,083.55	1/4	2,751.95	1/4	2,420.35
1/2		1/2		1/2		1/2	4,311.09	1/2	4,014.23	1/2	3,715.81	1/2	3,402.95	1/2	3,076.64	1/2	2,745.04	1/2	2,413.44
3/4		3/4		3/4		3/4	4,304.18	3/4	4,008.16	3/4	3,709.43	3/4	3,396.28	3/4	3,069.73	3/4	2,738.13	3/4	2,406.53
2		2		2		2	4,297.27	2	4,002.10	2	3,703.05	2	3,389.62	2	3,062.82	2	2,731.23	2	2,399.62
1/4		1/4		1/4		1/4	4,290.36	1/4	3,996.03	1/4	3,696.66	1/4	3,382.95	1/4	3,055.92	1/4	2,724.32	1/4	2,392.71
1/2		1/2		1/2		1/2	4,283.46	1/2	3,989.94	1/2	3,690.25	1/2	3,376.26	1/2	3,049.01	1/2	2,717.41	1/2	2,385.80
3/4		3/4		3/4		3/4	4,276.55	3/4	3,983.85	3/4	3,683.85	3/4	3,369.57	3/4	3,042.10	3/4	2,710.50	3/4	2,378.89
3		3		3		3	4,269.64	3	3,977.76	3	3,677.44	3	3,362.89	3	3,035.19	3	2,703.59	3	2,371.98
1/4		1/4		1/4		1/4	4,262.73	1/4	3,971.67	1/4	3,671.03	1/4	3,356.20	1/4	3,028.28	1/4	2,696.68	1/4	2,365.07
1/2		1/2		1/2		1/2	4,255.82	1/2	3,965.56	1/2	3,664.60	1/2	3,349.49	1/2	3,021.37	1/2	2,689.78	1/2	2,358.16
3/4		3/4		3/4		3/4	4,248.91	3/4	3,959.44	3/4	3,658.17	3/4	3,342.78	3/4	3,014.47	3/4	2,682.87	3/4	2,351.25
4		4		4		4	4,242.00	4	3,953.32	4	3,651.74	4	3,336.07	4	3,007.56	4	2,675.96	4	2,344.34
1/4		1/4		1/4		1/4	4,235.09	1/4	3,947.20	1/4	3,645.31	1/4	3,329.36	1/4	3,000.65	1/4	2,669.05	1/4	2,337.43
1/2		1/2		1/2		1/2	4,229.20	1/2	3,941.07	1/2	3,638.86	1/2	3,322.62	1/2	2,993.74	1/2	2,662.14	1/2	2,330.52
3/4		3/4		3/4		3/4	4,223.30	3/4	3,934.93	3/4	3,632.41	3/4	3,315.89	3/4	2,986.83	3/4	2,655.23	3/4	2,323.61
5		5		5		5	4,217.41	5	3,928.79	5	3,625.95	5	3,309.15	5	2,979.92	5	2,648.33	5	2,316.70
1/4		1/4		1/4		1/4	4,211.51	1/4	3,922.65	1/4	3,619.50	1/4	3,302.42	1/4	2,973.02	1/4	2,641.42	1/4	2,309.79
1/2		1/2		1/2		1/2	4,205.60	1/2	3,916.50	1/2	3,613.03	1/2	3,295.66	1/2	2,966.11	1/2	2,634.51	1/2	2,302.89
3/4		3/4		3/4		3/4	4,199.68	3/4	3,910.34	3/4	3,606.55	3/4	3,288.90	3/4	2,959.20	3/4	2,627.60	3/4	2,295.98
6		6		6		6	4,193.77	6	3,904.18	6	3,600.07	6	3,282.14	6	2,952.29	6	2,620.69	6	2,289.07
1/4		1/4		1/4		1/4	4,187.85	1/4	3,898.02	1/4	3,593.59	1/4	3,275.39	1/4	2,945.38	1/4	2,613.78	1/4	2,282.16
1/2		1/2		1/2		1/2	4,181.92	1/2	3,891.83	1/2	3,587.09	1/2	3,268.60	1/2	2,938.47	1/2	2,606.88	1/2	2,275.25
3/4		3/4		3/4		3/4	4,175.98	3/4	3,885.65	3/4	3,580.59	3/4	3,261.81	3/4	2,931.57	3/4	2,599.97	3/4	2,268.34
7		7		7		7	4,170.05	7	3,879.46	7	3,574.09	7	3,255.02	7	2,924.66	7	2,593.06	7	2,261.43
1/4		1/4		1/4		1/4	4,164.11	1/4	3,873.27	1/4	3,567.59	1/4	3,248.23	1/4	2,917.75	1/4	2,586.15	1/4	2,254.52
1/2		1/2		1/2		1/2	4,158.15	1/2	3,867.07	1/2	3,561.07	1/2	3,241.43	1/2	2,910.84	1/2	2,579.24	1/2	2,247.61
3/4		3/4		3/4		3/4	4,152.18	3/4	3,860.86	3/4	3,554.55	3/4	3,234.62	3/4	2,903.93	3/4	2,572.33	3/4	2,240.70
8		8		8		8	4,146.22	8	3,854.65	8	3,548.03	8	3,227.82	8	2,897.02	8	2,565.43	8	2,233.79
1/4		1/4		1/4		1/4	4,140.26	1/4	3,848.44	1/4	3,541.51	1/4	3,221.01	1/4	2,890.12	1/4	2,558.52	1/4	2,226.88
1/2		1/2		1/2		1/2	4,134.31	1/2	3,842.18	1/2	3,534.96	1/2	3,214.18	1/2	2,883.21	1/2	2,551.61	1/2	2,219.97
3/4		3/4		3/4		3/4	4,128.36	3/4	3,835.92	3/4	3,528.41	3/4	3,207.36	3/4	2,876.30	3/4	2,544.70	3/4	2,213.06
9		9		9		9	4,122.41	9	3,829.66	9	3,521.87	9	3,200.53	9	2,869.39	9	2,537.79	9	2,206.15
1/4		1/4		1/4		1/4	4,116.46	1/4	3,823.39	1/4	3,515.32	1/4	3,193.70	1/4	2,862.48	1/4	2,530.88	1/4	2,199.24
1/2		1/2		1/2		1/2	4,110.48	1/2	3,817.10	1/2	3,508.75	1/2	3,186.84	1/2	2,855.57	1/2	2,523.98	1/2	2,192.33
3/4		3/4		3/4		3/4	4,104.51	3/4	3,810.81	3/4	3,502.18	3/4	3,179.99	3/4	2,848.67	3/4	2,517.07	3/4	2,185.42
10		10		10		10	4,098.54	10	3,804.52	10	3,495.61	10	3,173.13	10	2,841.76	10	2,510.16	10	2,178.51
1/4		1/4		1/4		1/4	4,092.57	1/4	3,798.23	1/4	3,489.04	1/4	3,166.27	1/4	2,834.85	1/4	2,503.25	1/4	2,171.60
1/2		1/2		1/2		1/2	4,086.57	1/2	3,791.92	1/2	3,482.44	1/2	3,159.40	1/2	2,827.94	1/2	2,496.34	1/2	2,164.70
3/4		3/4		3/4		3/4	4,080.57	3/4	3,785.61	3/4	3,475.84	3/4	3,152.52	3/4	2,821.03	3/4	2,489.43	3/4	2,157.79
11		11		11		11	4,074.57	11	3,779.30	11	3,469.24	11	3,145.65	11	2,814.12	11	2,482.53	11	2,150.88
1/4		1/4		1/4		1/4	4,068.57	1/4	3,772.99	1/4	3,462.65	1/4	3,138.77	1/4	2,807.22	1/4	2,475.62	1/4	2,143.97
1/2		1/2		1/2		1/2	4,062.55	1/2	3,766.65	1/2	3,456.03	1/2	3,131.87	1/2	2,800.31	1/2	2,468.71	1/2	2,137.06
3/4		3/4		3/4		3/4	4,356.01	3/4	4,056.53	3/4	3,760.31	3/4	3,449.41	3/4	2,793.40	3/4	2,461.80	3/4	2,130.15

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 12'-08" OFF CENTERLINE AND 39'-02 1/2" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 28026"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,123.24	0	1,791.58	0	1,459.93	0	1,128.27	0	803.84	0	500.90	0	220.82	0		0		0	
1/4	2,116.33	1/4	1,784.67	1/4	1,453.02	1/4	1,121.36	1/4	797.31	1/4	494.81	1/4	215.22	1/4		1/4		1/4	
1/2	2,109.42	1/2	1,777.76	1/2	1,446.11	1/2	1,114.45	1/2	790.82	1/2	488.76	1/2	209.66	1/2		1/2		1/2	
3/4	2,102.51	3/4	1,770.85	3/4	1,439.20	3/4	1,107.54	3/4	784.33	3/4	482.71	3/4	204.10	3/4		3/4		3/4	
1	2,095.60	1	1,763.94	1	1,432.29	1	1,100.63	1	777.85	1	476.66	1	198.55	1		1		1	
1/4	2,088.69	1/4	1,757.03	1/4	1,425.38	1/4	1,093.72	1/4	771.36	1/4	470.61	1/4	192.99	1/4		1/4		1/4	
1/2	2,081.78	1/2	1,750.13	1/2	1,418.47	1/2	1,086.81	1/2	764.91	1/2	464.60	1/2	187.47	1/2		1/2		1/2	
3/4	2,074.87	3/4	1,743.22	3/4	1,411.56	3/4	1,079.91	3/4	758.47	3/4	458.59	3/4	181.95	3/4		3/4		3/4	
2	2,067.96	2	1,736.31	2	1,404.65	2	1,073.00	2	752.02	2	452.58	2	176.43	2		2		2	
1/4	2,061.05	1/4	1,729.40	1/4	1,397.74	1/4	1,066.09	1/4	745.57	1/4	446.57	1/4	170.91	1/4		1/4		1/4	
1/2	2,054.14	1/2	1,722.49	1/2	1,390.83	1/2	1,059.19	1/2	739.15	1/2	440.60	1/2	165.44	1/2		1/2		1/2	
3/4	2,047.23	3/4	1,715.58	3/4	1,383.92	3/4	1,052.29	3/4	732.72	3/4	434.63	3/4	159.96	3/4		3/4		3/4	
3	2,040.32	3	1,708.67	3	1,377.01	3	1,045.39	3	726.30	3	428.67	3	154.49	3		3		3	
1/4	2,033.41	1/4	1,701.76	1/4	1,370.10	1/4	1,038.49	1/4	719.88	1/4	422.70	1/4	149.02	1/4		1/4		1/4	
1/2	2,026.51	1/2	1,694.85	1/2	1,363.19	1/2	1,031.60	1/2	713.49	1/2	416.77	1/2	143.58	1/2		1/2		1/2	
3/4	2,019.60	3/4	1,687.94	3/4	1,356.28	3/4	1,024.72	3/4	707.10	3/4	410.84	3/4	138.14	3/4		3/4		3/4	
4	2,012.69	4	1,681.03	4	1,349.37	4	1,017.83	4	700.71	4	404.92	4	132.70	4		4		4	
1/4	2,005.78	1/4	1,674.12	1/4	1,342.46	1/4	1,010.95	1/4	694.32	1/4	398.99	1/4	127.26	1/4		1/4		1/4	
1/2	1,998.87	1/2	1,667.21	1/2	1,335.56	1/2	1,004.12	1/2	687.94	1/2	393.10	1/2	121.87	1/2		1/2		1/2	
3/4	1,991.96	3/4	1,660.30	3/4	1,328.65	3/4	997.29	3/4	681.56	3/4	387.22	3/4	116.48	3/4		3/4		3/4	
5	1,985.05	5	1,653.39	5	1,321.74	5	990.46	5	675.18	5	381.33	5	111.09	5		5		5	
1/4	1,978.14	1/4	1,646.48	1/4	1,314.83	1/4	983.62	1/4	668.81	1/4	375.45	1/4	105.70	1/4		1/4		1/4	
1/2	1,971.23	1/2	1,639.57	1/2	1,307.92	1/2	976.83	1/2	662.47	1/2	369.60	1/2	100.34	1/2		1/2		1/2	
3/4	1,964.32	3/4	1,632.66	3/4	1,301.01	3/4	970.04	3/4	656.13	3/4	363.75	3/4	94.99	3/4		3/4		3/4	
6	1,957.41	6	1,625.75	6	1,294.10	6	963.25	6	649.79	6	357.91	6	89.64	6		6		6	
1/4	1,950.50	1/4	1,618.84	1/4	1,287.19	1/4	956.46	1/4	643.45	1/4	352.06	1/4	84.28	1/4		1/4		1/4	
1/2	1,943.59	1/2	1,611.94	1/2	1,280.28	1/2	949.72	1/2	637.16	1/2	346.26	1/2	78.98	1/2		1/2		1/2	
3/4	1,936.68	3/4	1,605.03	3/4	1,273.37	3/4	942.99	3/4	630.86	3/4	340.46	3/4	73.67	3/4		3/4		3/4	
7	1,929.77	7	1,598.12	7	1,266.46	7	936.26	7	624.57	7	334.65	7	68.36	7		7		7	
1/4	1,922.86	1/4	1,591.21	1/4	1,259.55	1/4	929.52	1/4	618.27	1/4	328.85	1/4	63.05	1/4		1/4		1/4	
1/2	1,915.95	1/2	1,584.30	1/2	1,252.64	1/2	922.83	1/2	612.02	1/2	323.09	1/2	57.78	1/2		1/2		1/2	
3/4	1,909.04	3/4	1,577.39	3/4	1,245.73	3/4	916.14	3/4	605.76	3/4	317.32	3/4	52.51	3/4		3/4		3/4	
8	1,902.13	8	1,570.48	8	1,238.82	8	909.44	8	599.51	8	311.56	8	47.24	8		8		8	
1/4	1,895.22	1/4	1,563.57	1/4	1,231.91	1/4	902.75	1/4	593.25	1/4	305.79	1/4	41.97	1/4		1/4		1/4	
1/2	1,888.32	1/2	1,556.66	1/2	1,225.00	1/2	896.10	1/2	587.04	1/2	300.07	1/2	37.61	1/2		1/2		1/2	
3/4	1,881.41	3/4	1,549.75	3/4	1,218.09	3/4	889.45	3/4	580.82	3/4	294.35	3/4	33.25	3/4		3/4		3/4	
9	1,874.50	9	1,542.84	9	1,211.18	9	882.80	9	574.61	9	288.63	9	28.89	9		9		9	
1/4	1,867.59	1/4	1,535.93	1/4	1,204.27	1/4	876.15	1/4	568.40	1/4	282.91	1/4	24.53	1/4		1/4		1/4	
1/2	1,860.68	1/2	1,529.02	1/2	1,197.37	1/2	869.54	1/2	562.22	1/2	277.22	1/2	21.93	1/2		1/2		1/2	
3/4	1,853.77	3/4	1,522.11	3/4	1,190.46	3/4	862.93	3/4	556.05	3/4	271.54	3/4	19.33	3/4		3/4		3/4	
10	1,846.86	10	1,515.20	10	1,183.55	10	856.31	10	549.87	10	265.86	10	16.74	10		10		10	
1/4	1,839.95	1/4	1,508.29	1/4	1,176.64	1/4	849.70	1/4	543.70	1/4	260.18	1/4	14.14	1/4		1/4		1/4	
1/2	1,833.04	1/2	1,501.38	1/2	1,169.73	1/2	843.13	1/2	537.57	1/2	254.54	1/2		1/2		1/2		1/2	
3/4	1,826.13	3/4	1,494.47	3/4	1,162.82	3/4	836.57	3/4	531.44	3/4	248.90	3/4		3/4		3/4		3/4	
11	1,819.22	11	1,487.56	11	1,155.91	11	830.00	11	525.31	11	243.26	11		11		11		11	
1/4	1,812.31	1/4	1,480.65	1/4	1,149.00	1/4	823.43	1/4	519.17	1/4	237.62	1/4		1/4		1/4		1/4	
1/2	1,805.40	1/2	1,473.75	1/2	1,142.09	1/2	816.90	1/2	513.08	1/2	232.02	1/2		1/2		1/2		1/2	
3/4	1,798.49	3/4	1,466.84	3/4	1,135.18	3/4	810.37	3/4	506.99	3/4	226.42	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/05/2003 CL - SW
CALCULATED: 03/05/2003 CL
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 28026"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	5,264.91	0	4,913.87	0	4,567.84	0	4,203.66	0	3,823.64	0	3,435.57	0	3,047.49
1/4		1/4		1/4		1/4	5,258.85	1/4	4,906.85	1/4	4,560.42	1/4	4,195.92	1/4	3,815.57	1/4	3,427.49	1/4	3,039.41
1/2		1/2		1/2		1/2	5,250.76	1/2	4,899.80	1/2	4,552.98	1/2	4,188.15	1/2	3,807.48	1/2	3,419.40	1/2	3,031.32
3/4		3/4		3/4		3/4	5,242.67	3/4	4,892.76	3/4	4,545.54	3/4	4,180.38	3/4	3,799.40	3/4	3,411.32	3/4	3,023.23
1		1		1		1	5,234.58	1	4,885.71	1	4,538.09	1	4,172.61	1	3,791.31	1	3,403.23	1	3,015.15
1/4		1/4		1/4		1/4	5,226.50	1/4	4,878.66	1/4	4,530.65	1/4	4,164.84	1/4	3,783.23	1/4	3,395.15	1/4	3,007.06
1/2		1/2		1/2		1/2	5,218.41	1/2	4,871.59	1/2	4,523.18	1/2	4,157.03	1/2	3,775.14	1/2	3,387.06	1/2	2,998.97
3/4		3/4		3/4		3/4	5,210.32	3/4	4,864.52	3/4	4,515.71	3/4	4,149.23	3/4	3,767.06	3/4	3,378.98	3/4	2,990.88
2		2		2		2	5,202.23	2	4,857.45	2	4,508.25	2	4,141.43	2	3,758.97	2	3,370.89	2	2,982.80
1/4		1/4		1/4		1/4	5,194.15	1/4	4,850.38	1/4	4,500.78	1/4	4,133.62	1/4	3,750.89	1/4	3,362.81	1/4	2,974.71
1/2		1/2		1/2		1/2	5,186.06	1/2	4,843.29	1/2	4,493.28	1/2	4,125.80	1/2	3,742.80	1/2	3,354.72	1/2	2,966.62
3/4		3/4		3/4		3/4	5,177.97	3/4	4,836.19	3/4	4,485.77	3/4	4,117.97	3/4	3,734.72	3/4	3,346.64	3/4	2,958.53
3		3		3		3	5,169.88	3	4,829.10	3	4,478.27	3	4,110.14	3	3,726.63	3	3,338.55	3	2,950.44
1/4		1/4		1/4		1/4	5,161.80	1/4	4,822.00	1/4	4,470.77	1/4	4,102.32	1/4	3,718.55	1/4	3,330.47	1/4	2,942.36
1/2		1/2		1/2		1/2	5,153.71	1/2	4,814.88	1/2	4,463.25	1/2	4,094.47	1/2	3,710.46	1/2	3,322.38	1/2	2,934.27
3/4		3/4		3/4		3/4	5,145.62	3/4	4,807.75	3/4	4,455.72	3/4	4,086.61	3/4	3,702.38	3/4	3,314.30	3/4	2,926.18
4		4		4		4	5,137.53	4	4,800.62	4	4,448.20	4	4,078.76	4	3,694.29	4	3,306.21	4	2,918.09
1/4		1/4		1/4		1/4	5,129.45	1/4	4,793.49	1/4	4,440.67	1/4	4,070.91	1/4	3,686.21	1/4	3,298.13	1/4	2,910.01
1/2		1/2		1/2		1/2	5,122.55	1/2	4,786.34	1/2	4,433.12	1/2	4,063.03	1/2	3,678.12	1/2	3,290.04	1/2	2,901.92
3/4		3/4		3/4		3/4	5,115.65	3/4	4,779.19	3/4	4,425.57	3/4	4,055.14	3/4	3,670.04	3/4	3,281.96	3/4	2,893.83
5		5		5		5	5,108.75	5	4,772.04	5	4,418.02	5	4,047.26	5	3,661.95	5	3,273.87	5	2,885.74
1/4		1/4		1/4		1/4	5,101.85	1/4	4,764.89	1/4	4,410.47	1/4	4,039.37	1/4	3,653.87	1/4	3,265.79	1/4	2,877.66
1/2		1/2		1/2		1/2	5,094.93	1/2	4,757.71	1/2	4,402.89	1/2	4,031.47	1/2	3,645.78	1/2	3,257.70	1/2	2,869.57
3/4		3/4		3/4		3/4	5,088.00	3/4	4,750.53	3/4	4,395.31	3/4	4,023.56	3/4	3,637.70	3/4	3,249.62	3/4	2,861.48
6		6		6		6	5,081.08	6	4,743.36	6	4,387.73	6	4,015.65	6	3,629.61	6	3,241.53	6	2,853.39
1/4		1/4		1/4		1/4	5,074.16	1/4	4,736.18	1/4	4,380.15	1/4	4,007.74	1/4	3,621.53	1/4	3,233.45	1/4	2,845.31
1/2		1/2		1/2		1/2	5,067.21	1/2	4,728.97	1/2	4,372.54	1/2	3,999.80	1/2	3,613.44	1/2	3,225.36	1/2	2,837.22
3/4		3/4		3/4		3/4	5,060.26	3/4	4,721.76	3/4	4,364.93	3/4	3,991.85	3/4	3,605.36	3/4	3,217.28	3/4	2,829.13
7		7		7		7	5,053.31	7	4,714.55	7	4,357.33	7	3,983.91	7	3,597.27	7	3,209.19	7	2,821.04
1/4		1/4		1/4		1/4	5,046.36	1/4	4,707.34	1/4	4,349.72	1/4	3,975.96	1/4	3,589.19	1/4	3,201.11	1/4	2,812.96
1/2		1/2		1/2		1/2	5,039.38	1/2	4,700.11	1/2	4,342.09	1/2	3,968.00	1/2	3,581.10	1/2	3,193.02	1/2	2,804.87
3/4		3/4		3/4		3/4	5,032.40	3/4	4,692.88	3/4	4,334.46	3/4	3,960.03	3/4	3,573.02	3/4	3,184.94	3/4	2,796.78
8		8		8		8	5,025.42	8	4,685.64	8	4,326.82	8	3,952.07	8	3,564.93	8	3,176.85	8	2,788.69
1/4		1/4		1/4		1/4	5,018.44	1/4	4,678.41	1/4	4,319.19	1/4	3,944.10	1/4	3,556.85	1/4	3,168.77	1/4	2,780.61
1/2		1/2		1/2		1/2	5,011.51	1/2	4,671.08	1/2	4,311.53	1/2	3,936.11	1/2	3,548.76	1/2	3,160.68	1/2	2,772.52
3/4		3/4		3/4		3/4	5,004.58	3/4	4,663.75	3/4	4,303.87	3/4	3,928.12	3/4	3,540.68	3/4	3,152.60	3/4	2,764.43
9		9		9		9	4,997.64	9	4,656.42	9	4,296.20	9	3,920.13	9	3,532.59	9	3,144.51	9	2,756.34
1/4		1/4		1/4		1/4	4,990.71	1/4	4,649.09	1/4	4,288.54	1/4	3,912.14	1/4	3,524.51	1/4	3,136.43	1/4	2,748.25
1/2		1/2		1/2		1/2	4,983.75	1/2	4,641.73	1/2	4,280.85	1/2	3,904.12	1/2	3,516.42	1/2	3,128.34	1/2	2,740.17
3/4		3/4		3/4		3/4	4,976.79	3/4	4,634.37	3/4	4,273.16	3/4	3,896.09	3/4	3,508.34	3/4	3,120.26	3/4	2,732.08
10		10		10		10	4,969.83	10	4,627.01	10	4,265.48	10	3,888.07	10	3,500.25	10	3,112.17	10	2,723.99
1/4		1/4		1/4		1/4	4,962.87	1/4	4,619.65	1/4	4,257.79	1/4	3,880.04	1/4	3,492.17	1/4	3,104.09	1/4	2,715.90
1/2		1/2		1/2		1/2	4,955.88	1/2	4,612.26	1/2	4,250.07	1/2	3,872.00	1/2	3,484.08	1/2	3,096.00	1/2	2,707.82
3/4		3/4		3/4		3/4	4,948.89	3/4	4,604.88	3/4	4,242.34	3/4	3,863.95	3/4	3,476.00	3/4	3,087.92	3/4	2,699.73
11		11		11		11	4,941.90	11	4,597.49	11	4,234.62	11	3,855.90	11	3,467.91	11	3,079.83	11	2,691.64
1/4		1/4		1/4		1/4	4,934.91	1/4	4,590.10	1/4	4,226.90	1/4	3,847.85	1/4	3,459.83	1/4	3,071.75	1/4	2,683.55
1/2		1/2		1/2		1/2	4,927.90	1/2	4,582.68	1/2	4,219.15	1/2	3,839.78	1/2	3,451.74	1/2	3,063.66	1/2	2,675.47
3/4		3/4		3/4		3/4	5,270.98	3/4	4,920.88	3/4	4,575.26	3/4	4,211.41	3/4	3,831.71	3/4	3,443.66	3/4	2,667.38

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 12'-08" OFF CENTERLINE AND 43'-07" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 28026"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,659.29	0	2,271.09	0	1,882.88	0	1,494.68	0	1,106.47	0	718.78	0	331.17	0		0		0	
1/4	2,651.20	1/4	2,263.00	1/4	1,874.79	1/4	1,486.59	1/4	1,098.38	1/4	710.72	1/4	323.09	1/4		1/4		1/4	
1/2	2,643.12	1/2	2,254.91	1/2	1,866.71	1/2	1,478.50	1/2	1,090.30	1/2	702.66	1/2	315.01	1/2		1/2		1/2	
3/4	2,635.03	3/4	2,246.82	3/4	1,858.62	3/4	1,470.41	3/4	1,082.21	3/4	694.59	3/4	306.93	3/4		3/4		3/4	
1	2,626.94	1	2,238.74	1	1,850.53	1	1,462.33	1	1,074.12	1	686.53	1	298.85	1		1		1	
1/4	2,618.85	1/4	2,230.65	1/4	1,842.44	1/4	1,454.24	1/4	1,066.03	1/4	678.47	1/4	290.77	1/4		1/4		1/4	
1/2	2,610.77	1/2	2,222.56	1/2	1,834.36	1/2	1,446.15	1/2	1,057.95	1/2	670.40	1/2	282.70	1/2		1/2		1/2	
3/4	2,602.68	3/4	2,214.47	3/4	1,826.27	3/4	1,438.06	3/4	1,049.86	3/4	662.34	3/4	274.62	3/4		3/4		3/4	
2	2,594.59	2	2,206.39	2	1,818.18	2	1,429.98	2	1,041.77	2	654.28	2	266.54	2		2		2	
1/4	2,586.50	1/4	2,198.30	1/4	1,810.09	1/4	1,421.89	1/4	1,033.68	1/4	646.21	1/4	258.46	1/4		1/4		1/4	
1/2	2,578.42	1/2	2,190.21	1/2	1,802.01	1/2	1,413.80	1/2	1,025.60	1/2	638.14	1/2	250.38	1/2		1/2		1/2	
3/4	2,570.33	3/4	2,182.12	3/4	1,793.92	3/4	1,405.71	3/4	1,017.51	3/4	630.07	3/4	242.30	3/4		3/4		3/4	
3	2,562.24	3	2,174.04	3	1,785.83	3	1,397.63	3	1,009.42	3	622.00	3	234.22	3		3		3	
1/4	2,554.15	1/4	2,165.95	1/4	1,777.74	1/4	1,389.54	1/4	1,001.33	1/4	613.93	1/4	226.14	1/4		1/4		1/4	
1/2	2,546.06	1/2	2,157.86	1/2	1,769.66	1/2	1,381.45	1/2	993.25	1/2	605.85	1/2	218.06	1/2		1/2		1/2	
3/4	2,537.98	3/4	2,149.77	3/4	1,761.57	3/4	1,373.36	3/4	985.16	3/4	597.77	3/4	209.99	3/4		3/4		3/4	
4	2,529.89	4	2,141.68	4	1,753.48	4	1,365.28	4	977.07	4	589.69	4	201.91	4		4		4	
1/4	2,521.80	1/4	2,133.60	1/4	1,745.39	1/4	1,357.19	1/4	968.98	1/4	581.61	1/4	193.83	1/4		1/4		1/4	
1/2	2,513.71	1/2	2,125.51	1/2	1,737.30	1/2	1,349.10	1/2	960.90	1/2	573.54	1/2	185.75	1/2		1/2		1/2	
3/4	2,505.63	3/4	2,117.42	3/4	1,729.22	3/4	1,341.01	3/4	952.81	3/4	565.46	3/4	177.67	3/4		3/4		3/4	
5	2,497.54	5	2,109.33	5	1,721.13	5	1,332.92	5	944.72	5	557.38	5	169.59	5		5		5	
1/4	2,489.45	1/4	2,101.25	1/4	1,713.04	1/4	1,324.84	1/4	936.63	1/4	549.30	1/4	161.51	1/4		1/4		1/4	
1/2	2,481.36	1/2	2,093.16	1/2	1,704.95	1/2	1,316.75	1/2	928.54	1/2	541.22	1/2	153.43	1/2		1/2		1/2	
3/4	2,473.28	3/4	2,085.07	3/4	1,696.87	3/4	1,308.66	3/4	920.46	3/4	533.14	3/4	145.35	3/4		3/4		3/4	
6	2,465.19	6	2,076.98	6	1,688.78	6	1,300.57	6	912.37	6	525.06	6	137.28	6		6		6	
1/4	2,457.10	1/4	2,068.90	1/4	1,680.69	1/4	1,292.49	1/4	904.28	1/4	516.98	1/4	129.20	1/4		1/4		1/4	
1/2	2,449.01	1/2	2,060.81	1/2	1,672.60	1/2	1,284.40	1/2	896.21	1/2	508.90	1/2	121.12	1/2		1/2		1/2	
3/4	2,440.93	3/4	2,052.72	3/4	1,664.52	3/4	1,276.31	3/4	888.13	3/4	500.83	3/4	113.04	3/4		3/4		3/4	
7	2,432.84	7	2,044.63	7	1,656.43	7	1,268.22	7	880.06	7	492.75	7	104.96	7		7		7	
1/4	2,424.75	1/4	2,036.55	1/4	1,648.34	1/4	1,260.14	1/4	871.98	1/4	484.67	1/4	96.88	1/4		1/4		1/4	
1/2	2,416.66	1/2	2,028.46	1/2	1,640.25	1/2	1,252.05	1/2	863.92	1/2	476.59	1/2	88.80	1/2		1/2		1/2	
3/4	2,408.58	3/4	2,020.37	3/4	1,632.17	3/4	1,243.96	3/4	855.85	3/4	468.51	3/4	80.72	3/4		3/4		3/4	
8	2,400.49	8	2,012.28	8	1,624.08	8	1,235.87	8	847.79	8	460.43	8	72.64	8		8		8	
1/4	2,392.40	1/4	2,004.20	1/4	1,615.99	1/4	1,227.79	1/4	839.73	1/4	452.35	1/4	64.56	1/4		1/4		1/4	
1/2	2,384.31	1/2	1,996.11	1/2	1,607.90	1/2	1,219.70	1/2	831.66	1/2	444.27	1/2	57.50	1/2		1/2		1/2	
3/4	2,376.23	3/4	1,988.02	3/4	1,599.82	3/4	1,211.61	3/4	823.60	3/4	436.19	3/4	50.43	3/4		3/4		3/4	
9	2,368.14	9	1,979.93	9	1,591.73	9	1,203.52	9	815.54	9	428.12	9	43.36	9		9		9	
1/4	2,360.05	1/4	1,971.85	1/4	1,583.64	1/4	1,195.44	1/4	807.48	1/4	420.04	1/4	36.29	1/4		1/4		1/4	
1/2	2,351.96	1/2	1,963.76	1/2	1,575.55	1/2	1,187.35	1/2	799.41	1/2	411.96	1/2	31.24	1/2		1/2		1/2	
3/4	2,343.87	3/4	1,955.67	3/4	1,567.47	3/4	1,179.26	3/4	791.35	3/4	403.88	3/4	26.20	3/4		3/4		3/4	
10	2,335.79	10	1,947.58	10	1,559.38	10	1,171.17	10	783.29	10	395.80	10	21.15	10		10		10	
1/4	2,327.70	1/4	1,939.49	1/4	1,551.29	1/4	1,163.09	1/4	775.22	1/4	387.72	1/4	16.10	1/4		1/4		1/4	
1/2	2,319.61	1/2	1,931.41	1/2	1,543.20	1/2	1,155.00	1/2	767.16	1/2	379.64	1/2		1/2		1/2		1/2	
3/4	2,311.52	3/4	1,923.32	3/4	1,535.11	3/4	1,146.91	3/4	759.10	3/4	371.56	3/4		3/4		3/4		3/4	
11	2,303.44	11	1,915.23	11	1,527.03	11	1,138.82	11	751.03	11	363.48	11		11		11		11	
1/4	2,295.35	1/4	1,907.14	1/4	1,518.94	1/4	1,130.73	1/4	742.97	1/4	355.41	1/4		1/4		1/4		1/4	
1/2	2,287.26	1/2	1,899.06	1/2	1,510.85	1/2	1,122.65	1/2	734.91	1/2	347.33	1/2		1/2		1/2		1/2	
3/4	2,279.17	3/4	1,890.97	3/4	1,502.76	3/4	1,114.56	3/4	726.84	3/4	339.25	3/4		3/4		3/4		3/4	

STRAPPED: 03/05/2003 CL - SW
CALCULATED: 03/05/2003 CL
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 28026"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	5,252.63	0	4,901.47	0	4,555.33	0	4,191.03	0	3,810.89	0	3,422.70	0	3,034.49		
1/4		1/4		1/4		1/4	5,246.56	1/4	4,894.45	1/4	4,547.90	1/4	4,183.28	1/4	3,802.82	1/4	3,414.61	1/4	3,026.41		
1/2		1/2		1/2		1/2	5,238.47	1/2	4,887.40	1/2	4,540.46	1/2	4,175.51	1/2	3,794.73	1/2	3,406.52	1/2	3,018.32		
3/4		3/4		3/4		3/4	5,230.38	3/4	4,880.35	3/4	4,533.01	3/4	4,167.74	3/4	3,786.64	3/4	3,398.44	3/4	3,010.23		
1		1		1		1	5,222.29	1	4,873.30	1	4,525.57	1	4,159.96	1	3,778.55	1	3,390.35	1	3,002.14		
1/4		1/4		1/4		1/4	5,214.20	1/4	4,866.25	1/4	4,518.12	1/4	4,152.19	1/4	3,770.47	1/4	3,382.26	1/4	2,994.05		
1/2		1/2		1/2		1/2	5,206.11	1/2	4,859.18	1/2	4,510.65	1/2	4,144.39	1/2	3,762.38	1/2	3,374.17	1/2	2,985.96		
3/4		3/4		3/4		3/4	5,198.02	3/4	4,852.11	3/4	4,503.18	3/4	4,136.58	3/4	3,754.29	3/4	3,366.09	3/4	2,977.87		
2		2		2		2	5,189.93	2	4,845.03	2	4,495.71	2	4,128.77	2	3,746.20	2	3,358.00	2	2,969.78		
1/4		1/4		1/4		1/4	5,181.84	1/4	4,837.96	1/4	4,488.24	1/4	4,120.97	1/4	3,738.12	1/4	3,349.91	1/4	2,961.69		
1/2		1/2		1/2		1/2	5,173.75	1/2	4,830.87	1/2	4,480.74	1/2	4,113.14	1/2	3,730.03	1/2	3,341.82	1/2	2,953.60		
3/4		3/4		3/4		3/4	5,165.66	3/4	4,823.77	3/4	4,473.23	3/4	4,105.31	3/4	3,721.94	3/4	3,333.74	3/4	2,945.51		
3		3		3		3	5,157.57	3	4,816.67	3	4,465.73	3	4,097.48	3	3,713.85	3	3,325.65	3	2,937.42		
1/4		1/4		1/4		1/4	5,149.48	1/4	4,809.57	1/4	4,458.22	1/4	4,089.65	1/4	3,705.76	1/4	3,317.56	1/4	2,929.33		
1/2		1/2		1/2		1/2	5,141.39	1/2	4,802.44	1/2	4,450.70	1/2	4,081.80	1/2	3,697.68	1/2	3,309.47	1/2	2,921.24		
3/4		3/4		3/4		3/4	5,133.30	3/4	4,795.31	3/4	4,443.17	3/4	4,073.94	3/4	3,689.59	3/4	3,301.38	3/4	2,913.15		
4		4		4		4	5,125.21	4	4,788.18	4	4,435.64	4	4,066.09	4	3,681.50	4	3,293.30	4	2,905.06		
1/4		1/4		1/4		1/4	5,117.12	1/4	4,781.05	1/4	4,428.12	1/4	4,058.23	1/4	3,673.41	1/4	3,285.21	1/4	2,896.97		
1/2		1/2		1/2		1/2	5,110.22	1/2	4,773.90	1/2	4,420.56	1/2	4,050.35	1/2	3,665.33	1/2	3,277.12	1/2	2,888.88		
3/4		3/4		3/4		3/4	5,103.32	3/4	4,766.74	3/4	4,413.01	3/4	4,042.46	3/4	3,657.24	3/4	3,269.03	3/4	2,880.79		
5		5		5		5	5,096.42	5	4,759.59	5	4,405.46	5	4,034.57	5	3,649.15	5	3,260.95	5	2,872.70		
1/4		1/4		1/4		1/4	5,089.52	1/4	4,752.44	1/4	4,397.91	1/4	4,026.69	1/4	3,641.06	1/4	3,252.86	1/4	2,864.61		
1/2		1/2		1/2		1/2	5,082.59	1/2	4,745.26	1/2	4,390.32	1/2	4,018.78	1/2	3,632.98	1/2	3,244.77	1/2	2,856.52		
3/4		3/4		3/4		3/4	5,075.66	3/4	4,738.08	3/4	4,382.74	3/4	4,010.87	3/4	3,624.89	3/4	3,236.68	3/4	2,848.43		
6		6		6		6	5,068.74	6	4,730.90	6	4,375.15	6	4,002.96	6	3,616.80	6	3,228.60	6	2,840.34		
1/4		1/4		1/4		1/4	5,061.81	1/4	4,723.72	1/4	4,367.57	1/4	3,995.04	1/4	3,608.71	1/4	3,220.51	1/4	2,832.25		
1/2		1/2		1/2		1/2	5,054.86	1/2	4,716.51	1/2	4,359.96	1/2	3,987.10	1/2	3,600.63	1/2	3,212.42	1/2	2,824.16		
3/4		3/4		3/4		3/4	5,047.91	3/4	4,709.30	3/4	4,352.35	3/4	3,979.15	3/4	3,592.54	3/4	3,204.33	3/4	2,816.07		
7		7		7		7	5,040.96	7	4,702.09	7	4,344.74	7	3,971.20	7	3,584.45	7	3,196.25	7	2,807.98		
1/4		1/4		1/4		1/4	5,034.01	1/4	4,694.87	1/4	4,337.13	1/4	3,963.26	1/4	3,576.36	1/4	3,188.16	1/4	2,799.89		
1/2		1/2		1/2		1/2	5,027.03	1/2	4,687.64	1/2	4,329.50	1/2	3,955.29	1/2	3,568.28	1/2	3,180.07	1/2	2,791.80		
3/4		3/4		3/4		3/4	5,020.05	3/4	4,680.40	3/4	4,321.86	3/4	3,947.32	3/4	3,560.19	3/4	3,171.98	3/4	2,783.71		
8		8		8		8	5,013.06	8	4,673.17	8	4,314.23	8	3,939.36	8	3,552.10	8	3,163.90	8	2,775.62		
1/4		1/4		1/4		1/4	5,006.08	1/4	4,665.93	1/4	4,306.60	1/4	3,931.39	1/4	3,544.01	1/4	3,155.81	1/4	2,767.53		
1/2		1/2		1/2		1/2	4,999.15	1/2	4,658.60	1/2	4,298.93	1/2	3,923.40	1/2	3,535.93	1/2	3,147.72	1/2	2,759.44		
3/4		3/4		3/4		3/4	4,992.21	3/4	4,651.27	3/4	4,291.27	3/4	3,915.40	3/4	3,527.84	3/4	3,139.63	3/4	2,751.35		
9		9		9		9	4,985.27	9	4,643.93	9	4,283.60	9	3,907.41	9	3,519.75	9	3,131.55	9	2,743.26		
1/4		1/4		1/4		1/4	4,978.34	1/4	4,636.60	1/4	4,275.93	1/4	3,899.42	1/4	3,511.66	1/4	3,123.46	1/4	2,735.17		
1/2		1/2		1/2		1/2	4,971.38	1/2	4,629.24	1/2	4,268.24	1/2	3,891.39	1/2	3,503.57	1/2	3,115.37	1/2	2,727.08		
3/4		3/4		3/4		3/4	4,964.41	3/4	4,621.88	3/4	4,260.55	3/4	3,883.36	3/4	3,495.49	3/4	3,107.28	3/4	2,718.99		
10		10		10		10	4,957.45	10	4,614.51	10	4,252.86	10	3,875.33	10	3,487.40	10	3,099.19	10	2,710.90		
1/4		1/4		1/4		1/4	4,950.49	1/4	4,607.15	1/4	4,245.17	1/4	3,867.31	1/4	3,479.31	1/4	3,091.11	1/4	2,702.81		
1/2		1/2		1/2		1/2	4,943.50	1/2	4,599.76	1/2	4,237.45	1/2	3,859.26	1/2	3,471.22	1/2	3,083.02	1/2	2,694.72		
3/4		3/4		3/4		3/4	4,936.51	3/4	4,592.37	3/4	4,229.72	3/4	3,851.21	3/4	3,463.14	3/4	3,074.93	3/4	2,686.63		
11		11		11		11	4,929.51	11	4,584.98	11	4,222.00	11	3,843.16	11	3,455.05	11	3,066.84	11	2,678.54		
1/4		1/4		1/4		1/4	4,922.52	1/4	4,577.59	1/4	4,214.27	1/4	3,835.11	1/4	3,446.96	1/4	3,058.76	1/4	2,670.45		
1/2		1/2		1/2		1/2	4,915.50	1/2	4,570.17	1/2	4,206.52	1/2	3,827.04	1/2	3,438.87	1/2	3,050.67	1/2	2,662.36		
3/4		3/4		3/4		3/4	5,258.70	3/4	4,908.49	3/4	4,562.75	3/4	4,198.78	3/4	3,818.96	3/4	3,430.79	3/4	3,042.58	3/4	2,654.27

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 12'-08" OFF CENTERLINE AND 43'-07" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 28026"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,646.18	0	2,257.86	0	1,869.54	0	1,481.22	0	1,092.90	0	714.07	0	331.97	0		0		0	
1/4	2,638.09	1/4	2,249.77	1/4	1,861.45	1/4	1,473.13	1/4	1,084.81	1/4	706.31	1/4	323.88	1/4		1/4		1/4	
1/2	2,630.00	1/2	2,241.68	1/2	1,853.36	1/2	1,465.04	1/2	1,076.72	1/2	698.56	1/2	315.79	1/2		1/2		1/2	
3/4	2,621.91	3/4	2,233.59	3/4	1,845.27	3/4	1,456.95	3/4	1,068.63	3/4	690.81	3/4	307.70	3/4		3/4		3/4	
1	2,613.82	1	2,225.50	1	1,837.18	1	1,448.86	1	1,060.54	1	683.05	1	299.61	1		1		1	
1/4	2,605.73	1/4	2,217.41	1/4	1,829.09	1/4	1,440.77	1/4	1,052.45	1/4	675.30	1/4	291.53	1/4		1/4		1/4	
1/2	2,597.64	1/2	2,209.32	1/2	1,821.00	1/2	1,432.68	1/2	1,044.36	1/2	667.54	1/2	283.44	1/2		1/2		1/2	
3/4	2,589.55	3/4	2,201.23	3/4	1,812.91	3/4	1,424.59	3/4	1,036.27	3/4	659.79	3/4	275.35	3/4		3/4		3/4	
2	2,581.46	2	2,193.14	2	1,804.82	2	1,416.50	2	1,028.18	2	652.04	2	267.26	2		2		2	
1/4	2,573.37	1/4	2,185.05	1/4	1,796.73	1/4	1,408.41	1/4	1,020.09	1/4	644.28	1/4	259.17	1/4		1/4		1/4	
1/2	2,565.28	1/2	2,176.96	1/2	1,788.64	1/2	1,400.32	1/2	1,012.00	1/2	636.52	1/2	251.08	1/2		1/2		1/2	
3/4	2,557.19	3/4	2,168.87	3/4	1,780.55	3/4	1,392.23	3/4	1,003.91	3/4	628.76	3/4	242.99	3/4		3/4		3/4	
3	2,549.10	3	2,160.78	3	1,772.46	3	1,384.14	3	995.82	3	620.99	3	234.90	3		3		3	
1/4	2,541.01	1/4	2,152.69	1/4	1,764.37	1/4	1,376.05	1/4	987.73	1/4	613.23	1/4	226.81	1/4		1/4		1/4	
1/2	2,532.92	1/2	2,144.60	1/2	1,756.28	1/2	1,367.96	1/2	979.64	1/2	605.45	1/2	218.72	1/2		1/2		1/2	
3/4	2,524.83	3/4	2,136.51	3/4	1,748.19	3/4	1,359.87	3/4	971.55	3/4	597.67	3/4	210.63	3/4		3/4		3/4	
4	2,516.74	4	2,128.42	4	1,740.10	4	1,351.78	4	963.46	4	589.89	4	202.55	4		4		4	
1/4	2,508.65	1/4	2,120.33	1/4	1,732.01	1/4	1,343.69	1/4	955.37	1/4	582.11	1/4	194.46	1/4		1/4		1/4	
1/2	2,500.56	1/2	2,112.24	1/2	1,723.92	1/2	1,335.60	1/2	947.43	1/2	574.18	1/2	186.37	1/2		1/2		1/2	
3/4	2,492.47	3/4	2,104.15	3/4	1,715.83	3/4	1,327.51	3/4	939.49	3/4	566.25	3/4	178.28	3/4		3/4		3/4	
5	2,484.38	5	2,096.06	5	1,707.74	5	1,319.42	5	931.55	5	558.31	5	170.19	5		5		5	
1/4	2,476.29	1/4	2,087.97	1/4	1,699.65	1/4	1,311.33	1/4	923.62	1/4	550.38	1/4	162.10	1/4		1/4		1/4	
1/2	2,468.20	1/2	2,079.88	1/2	1,691.56	1/2	1,303.24	1/2	915.84	1/2	542.29	1/2	154.01	1/2		1/2		1/2	
3/4	2,460.11	3/4	2,071.79	3/4	1,683.47	3/4	1,295.15	3/4	908.06	3/4	534.20	3/4	145.92	3/4		3/4		3/4	
6	2,452.02	6	2,063.70	6	1,675.38	6	1,287.06	6	900.28	6	526.11	6	137.83	6		6		6	
1/4	2,443.93	1/4	2,055.61	1/4	1,667.29	1/4	1,278.97	1/4	892.49	1/4	518.02	1/4	129.74	1/4		1/4		1/4	
1/2	2,435.84	1/2	2,047.52	1/2	1,659.20	1/2	1,270.88	1/2	884.73	1/2	509.93	1/2	121.65	1/2		1/2		1/2	
3/4	2,427.75	3/4	2,039.43	3/4	1,651.11	3/4	1,262.79	3/4	876.96	3/4	501.84	3/4	113.57	3/4		3/4		3/4	
7	2,419.66	7	2,031.34	7	1,643.02	7	1,254.70	7	869.20	7	493.75	7	105.48	7		7		7	
1/4	2,411.57	1/4	2,023.25	1/4	1,634.93	1/4	1,246.61	1/4	861.43	1/4	485.66	1/4	97.39	1/4		1/4		1/4	
1/2	2,403.48	1/2	2,015.16	1/2	1,626.84	1/2	1,238.52	1/2	853.67	1/2	477.57	1/2	89.30	1/2		1/2		1/2	
3/4	2,395.39	3/4	2,007.07	3/4	1,618.75	3/4	1,230.43	3/4	845.92	3/4	469.49	3/4	81.21	3/4		3/4		3/4	
8	2,387.30	8	1,998.98	8	1,610.66	8	1,222.34	8	838.16	8	461.40	8	73.12	8		8		8	
1/4	2,379.21	1/4	1,990.89	1/4	1,602.57	1/4	1,214.25	1/4	830.41	1/4	453.31	1/4	65.03	1/4		1/4		1/4	
1/2	2,371.12	1/2	1,982.80	1/2	1,594.48	1/2	1,206.16	1/2	822.65	1/2	445.22	1/2	57.95	1/2		1/2		1/2	
3/4	2,363.03	3/4	1,974.71	3/4	1,586.39	3/4	1,198.07	3/4	814.89	3/4	437.13	3/4	50.87	3/4		3/4		3/4	
9	2,354.94	9	1,966.62	9	1,578.30	9	1,189.98	9	807.14	9	429.04	9	43.79	9		9		9	
1/4	2,346.85	1/4	1,958.53	1/4	1,570.21	1/4	1,181.89	1/4	799.38	1/4	420.95	1/4	36.71	1/4		1/4		1/4	
1/2	2,338.76	1/2	1,950.44	1/2	1,562.12	1/2	1,173.80	1/2	791.63	1/2	412.86	1/2	31.66	1/2		1/2		1/2	
3/4	2,330.67	3/4	1,942.35	3/4	1,554.03	3/4	1,165.71	3/4	783.87	3/4	404.77	3/4	26.60	3/4		3/4		3/4	
10	2,322.58	10	1,934.26	10	1,545.94	10	1,157.62	10	776.12	10	396.68	10	21.55	10		10		10	
1/4	2,314.49	1/4	1,926.17	1/4	1,537.85	1/4	1,149.53	1/4	768.36	1/4	388.59	1/4	16.49	1/4		1/4		1/4	
1/2	2,306.40	1/2	1,918.08	1/2	1,529.76	1/2	1,141.44	1/2	760.60	1/2	380.51	1/2		1/2		1/2		1/2	
3/4	2,298.31	3/4	1,909.99	3/4	1,521.67	3/4	1,133.35	3/4	752.85	3/4	372.42	3/4		3/4		3/4		3/4	
11	2,290.22	11	1,901.90	11	1,513.58	11	1,125.26	11	745.09	11	364.33	11		11		11		11	
1/4	2,282.13	1/4	1,893.81	1/4	1,505.49	1/4	1,117.17	1/4	737.34	1/4	356.24	1/4		1/4		1/4		1/4	
1/2	2,274.04	1/2	1,885.72	1/2	1,497.40	1/2	1,109.08	1/2	729.58	1/2	348.15	1/2		1/2		1/2		1/2	
3/4	2,265.95	3/4	1,877.63	3/4	1,489.31	3/4	1,100.99	3/4	721.82	3/4	340.06	3/4		3/4		3/4		3/4	

STRAPPED: 03/05/2003 CL - SW
CALCULATED: 03/05/2003 CL
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 28026"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	0	0	0	4,618.28	0	4,351.95	0	4,089.09	0	3,813.02	0	3,524.95	0	3,196.00	0	2,835.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,613.68	1/4	4,346.61	1/4	4,083.46	1/4	3,807.15	1/4	3,518.83	1/4	3,188.48	1/4	2,827.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,607.55	1/2	4,341.25	1/2	4,077.82	1/2	3,801.26	1/2	3,512.70	1/2	3,180.96	1/2	2,820.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,601.42	3/4	4,335.89	3/4	4,072.18	3/4	3,795.37	3/4	3,506.57	3/4	3,173.44	3/4	2,812.50
1	1	1	1	1	1	1	4,595.29	1	4,330.53	1	4,066.54	1	3,789.48	1	3,500.44	1	3,165.92	1	2,804.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,589.16	1/4	4,325.18	1/4	4,060.90	1/4	3,783.59	1/4	3,494.31	1/4	3,158.40	1/4	2,797.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,583.03	1/2	4,319.80	1/2	4,055.23	1/2	3,777.68	1/2	3,488.18	1/2	3,150.88	1/2	2,789.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,576.90	3/4	4,314.42	3/4	4,049.57	3/4	3,771.76	3/4	3,482.05	3/4	3,143.36	3/4	2,782.42
2	2	2	2	2	2	2	4,570.77	2	4,309.05	2	4,043.91	2	3,765.85	2	3,475.92	2	3,135.84	2	2,774.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,564.64	1/4	4,303.67	1/4	4,038.25	1/4	3,759.93	1/4	3,469.80	1/4	3,128.32	1/4	2,767.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,558.51	1/2	4,298.28	1/2	4,032.56	1/2	3,754.00	1/2	3,463.67	1/2	3,120.80	1/2	2,759.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,552.38	3/4	4,292.88	3/4	4,026.88	3/4	3,748.07	3/4	3,457.54	3/4	3,113.29	3/4	2,752.33
3	3	3	3	3	3	3	4,546.25	3	4,287.49	3	4,021.19	3	3,742.13	3	3,451.41	3	3,105.77	3	2,744.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,540.12	1/4	4,282.09	1/4	4,015.51	1/4	3,736.20	1/4	3,445.28	1/4	3,098.25	1/4	2,737.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,533.99	1/2	4,276.67	1/2	4,009.80	1/2	3,730.25	1/2	3,439.01	1/2	3,090.73	1/2	2,729.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,527.86	3/4	4,271.25	3/4	4,004.10	3/4	3,724.29	3/4	3,432.74	3/4	3,083.21	3/4	2,722.25
4	4	4	4	4	4	4	4,521.73	4	4,265.83	4	3,998.39	4	3,718.34	4	3,426.48	4	3,075.69	4	2,714.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,515.60	1/4	4,260.41	1/4	3,992.69	1/4	3,712.39	1/4	3,420.21	1/4	3,068.17	1/4	2,707.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,510.37	1/2	4,254.97	1/2	3,986.97	1/2	3,706.41	1/2	3,413.66	1/2	3,060.65	1/2	2,699.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,505.14	3/4	4,249.54	3/4	3,981.24	3/4	3,700.44	3/4	3,407.11	3/4	3,053.13	3/4	2,692.16
5	5	5	5	5	5	5	4,499.91	5	4,244.10	5	3,975.52	5	3,694.46	5	3,400.57	5	3,045.61	5	2,684.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,494.68	1/4	4,238.66	1/4	3,969.80	1/4	3,688.48	1/4	3,394.02	1/4	3,038.09	1/4	2,677.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,489.44	1/2	4,233.20	1/2	3,964.05	1/2	3,682.49	1/2	3,387.20	1/2	3,030.57	1/2	2,669.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,484.19	3/4	4,227.75	3/4	3,958.30	3/4	3,676.49	3/4	3,380.37	3/4	3,023.05	3/4	2,662.08
6	6	6	6	6	6	6	4,478.94	6	4,222.29	6	3,952.55	6	3,670.50	6	3,373.55	6	3,015.53	6	2,654.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,473.69	1/4	4,216.83	1/4	3,946.81	1/4	3,664.50	1/4	3,366.73	1/4	3,008.01	1/4	2,647.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,468.43	1/2	4,211.35	1/2	3,941.04	1/2	3,658.48	1/2	3,359.62	1/2	3,000.49	1/2	2,639.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,463.16	3/4	4,205.87	3/4	3,935.28	3/4	3,652.46	3/4	3,352.52	3/4	2,992.97	3/4	2,632.00
7	7	7	7	7	7	7	4,457.89	7	4,200.39	7	3,929.51	7	3,646.44	7	3,345.42	7	2,985.45	7	2,624.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,452.63	1/4	4,194.91	1/4	3,923.74	1/4	3,640.42	1/4	3,338.31	1/4	2,977.93	1/4	2,616.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,447.34	1/2	4,189.41	1/2	3,917.96	1/2	3,634.38	1/2	3,330.93	1/2	2,970.41	1/2	2,609.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,442.05	3/4	4,183.91	3/4	3,912.17	3/4	3,628.34	3/4	3,323.55	3/4	2,962.90	3/4	2,601.91
8	8	8	8	8	8	8	4,436.76	8	4,178.41	8	3,906.39	8	3,622.30	8	3,316.17	8	2,955.38	8	2,594.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,431.46	1/4	4,172.91	1/4	3,900.60	1/4	3,616.26	1/4	3,308.79	1/4	2,947.86	1/4	2,586.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,426.19	1/2	4,167.35	1/2	3,894.79	1/2	3,610.21	1/2	3,301.27	1/2	2,940.34	1/2	2,579.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,420.92	3/4	4,161.79	3/4	3,888.98	3/4	3,604.15	3/4	3,293.75	3/4	2,932.82	3/4	2,571.83
9	9	9	9	9	9	9	4,415.65	9	4,156.24	9	3,883.17	9	3,598.09	9	3,286.23	9	2,925.30	9	2,564.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,410.38	1/4	4,150.68	1/4	3,877.37	1/4	3,592.04	1/4	3,278.71	1/4	2,917.78	1/4	2,556.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,405.08	1/2	4,145.10	1/2	3,871.54	1/2	3,585.95	1/2	3,271.19	1/2	2,910.26	1/2	2,549.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,399.79	3/4	4,139.52	3/4	3,865.71	3/4	3,579.87	3/4	3,263.68	3/4	2,902.74	3/4	2,541.74
10	10	10	10	10	10	10	4,394.50	10	4,133.94	10	3,859.88	10	3,573.79	10	3,256.16	10	2,895.22	10	2,534.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,389.21	1/4	4,128.36	1/4	3,854.05	1/4	3,567.70	1/4	3,248.64	1/4	2,887.70	1/4	2,526.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,383.89	1/2	4,122.76	1/2	3,848.20	1/2	3,561.60	1/2	3,241.12	1/2	2,880.18	1/2	2,519.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,378.58	3/4	4,117.16	3/4	3,842.35	3/4	3,555.50	3/4	3,233.60	3/4	2,872.66	3/4	2,511.66
11	11	11	11	11	11	11	4,373.26	11	4,111.56	11	3,836.49	11	3,549.40	11	3,226.08	11	2,865.14	11	2,504.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,367.95	1/4	4,105.96	1/4	3,830.64	1/4	3,543.30	1/4	3,218.56	1/4	2,857.62	1/4	2,496.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,362.62	1/2	4,100.34	1/2	3,824.77	1/2	3,537.18	1/2	3,211.04	1/2	2,850.10	1/2	2,489.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,622.88	3/4	4,357.28	3/4	4,094.71	3/4	3,818.90	3/4	3,531.07	3/4	2,842.58	3/4	2,481.57

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 12'-08" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
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BARGE "KIRBY 28026"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,474.05	0	2,113.04	0	1,752.03	0	1,391.01	0	1,030.28	0	669.80	0	308.80	0		0		0	
1/4	2,466.53	1/4	2,105.52	1/4	1,744.51	1/4	1,383.49	1/4	1,022.78	1/4	662.28	1/4	301.28	1/4		1/4		1/4	
1/2	2,459.01	1/2	2,098.00	1/2	1,736.98	1/2	1,375.97	1/2	1,015.28	1/2	654.76	1/2	293.76	1/2		1/2		1/2	
3/4	2,451.49	3/4	2,090.48	3/4	1,729.46	3/4	1,368.45	3/4	1,007.79	3/4	647.23	3/4	286.24	3/4		3/4		3/4	
1	2,443.97	1	2,082.96	1	1,721.94	1	1,360.93	1	1,000.29	1	639.71	1	278.72	1		1		1	
1/4	2,436.45	1/4	2,075.43	1/4	1,714.42	1/4	1,353.41	1/4	992.80	1/4	632.19	1/4	271.19	1/4		1/4		1/4	
1/2	2,428.93	1/2	2,067.91	1/2	1,706.90	1/2	1,345.89	1/2	985.30	1/2	624.67	1/2	263.67	1/2		1/2		1/2	
3/4	2,421.41	3/4	2,060.39	3/4	1,699.38	3/4	1,338.37	3/4	977.80	3/4	617.15	3/4	256.15	3/4		3/4		3/4	
2	2,413.88	2	2,052.87	2	1,691.86	2	1,330.85	2	970.31	2	609.63	2	248.63	2		2		2	
1/4	2,406.36	1/4	2,045.35	1/4	1,684.34	1/4	1,323.32	1/4	962.81	1/4	602.11	1/4	241.11	1/4		1/4		1/4	
1/2	2,398.84	1/2	2,037.83	1/2	1,676.82	1/2	1,315.80	1/2	955.32	1/2	594.59	1/2	233.59	1/2		1/2		1/2	
3/4	2,391.32	3/4	2,030.31	3/4	1,669.30	3/4	1,308.28	3/4	947.82	3/4	587.07	3/4	226.07	3/4		3/4		3/4	
3	2,383.80	3	2,022.79	3	1,661.77	3	1,300.76	3	940.32	3	579.55	3	218.55	3		3		3	
1/4	2,376.28	1/4	2,015.27	1/4	1,654.25	1/4	1,293.24	1/4	932.83	1/4	572.03	1/4	211.03	1/4		1/4		1/4	
1/2	2,368.76	1/2	2,007.74	1/2	1,646.73	1/2	1,285.72	1/2	925.33	1/2	564.51	1/2	203.51	1/2		1/2		1/2	
3/4	2,361.24	3/4	2,000.22	3/4	1,639.21	3/4	1,278.20	3/4	917.84	3/4	556.98	3/4	195.99	3/4		3/4		3/4	
4	2,353.72	4	1,992.70	4	1,631.69	4	1,270.68	4	910.34	4	549.46	4	188.47	4		4		4	
1/4	2,346.19	1/4	1,985.18	1/4	1,624.17	1/4	1,263.16	1/4	902.84	1/4	541.94	1/4	180.94	1/4		1/4		1/4	
1/2	2,338.67	1/2	1,977.66	1/2	1,616.65	1/2	1,255.63	1/2	895.35	1/2	534.42	1/2	173.42	1/2		1/2		1/2	
3/4	2,331.15	3/4	1,970.14	3/4	1,609.13	3/4	1,248.11	3/4	887.85	3/4	526.90	3/4	165.90	3/4		3/4		3/4	
5	2,323.63	5	1,962.62	5	1,601.61	5	1,240.59	5	880.35	5	519.38	5	158.38	5		5		5	
1/4	2,316.11	1/4	1,955.10	1/4	1,594.08	1/4	1,233.07	1/4	872.86	1/4	511.86	1/4	150.86	1/4		1/4		1/4	
1/2	2,308.59	1/2	1,947.58	1/2	1,586.56	1/2	1,225.55	1/2	865.34	1/2	504.34	1/2	143.34	1/2		1/2		1/2	
3/4	2,301.07	3/4	1,940.05	3/4	1,579.04	3/4	1,218.03	3/4	857.82	3/4	496.82	3/4	135.82	3/4		3/4		3/4	
6	2,293.55	6	1,932.53	6	1,571.52	6	1,210.51	6	850.30	6	489.30	6	128.30	6		6		6	
1/4	2,286.03	1/4	1,925.01	1/4	1,564.00	1/4	1,202.99	1/4	842.78	1/4	481.78	1/4	120.78	1/4		1/4		1/4	
1/2	2,278.50	1/2	1,917.49	1/2	1,556.48	1/2	1,195.47	1/2	835.25	1/2	474.26	1/2	113.26	1/2		1/2		1/2	
3/4	2,270.98	3/4	1,909.97	3/4	1,548.96	3/4	1,187.94	3/4	827.73	3/4	466.74	3/4	105.74	3/4		3/4		3/4	
7	2,263.46	7	1,902.45	7	1,541.44	7	1,180.42	7	820.21	7	459.21	7	98.22	7		7		7	
1/4	2,255.94	1/4	1,894.93	1/4	1,533.92	1/4	1,172.90	1/4	812.69	1/4	451.69	1/4	90.70	1/4		1/4		1/4	
1/2	2,248.42	1/2	1,887.41	1/2	1,526.39	1/2	1,165.38	1/2	805.17	1/2	444.17	1/2	83.17	1/2		1/2		1/2	
3/4	2,240.90	3/4	1,879.89	3/4	1,518.87	3/4	1,157.86	3/4	797.65	3/4	436.65	3/4	75.65	3/4		3/4		3/4	
8	2,233.38	8	1,872.36	8	1,511.35	8	1,150.34	8	790.13	8	429.13	8	68.13	8		8		8	
1/4	2,225.86	1/4	1,864.84	1/4	1,503.83	1/4	1,142.82	1/4	782.61	1/4	421.61	1/4	60.61	1/4		1/4		1/4	
1/2	2,218.34	1/2	1,857.32	1/2	1,496.31	1/2	1,135.30	1/2	775.09	1/2	414.09	1/2	54.03	1/2		1/2		1/2	
3/4	2,210.81	3/4	1,849.80	3/4	1,488.79	3/4	1,127.78	3/4	767.57	3/4	406.57	3/4	47.45	3/4		3/4		3/4	
9	2,203.29	9	1,842.28	9	1,481.27	9	1,120.25	9	760.05	9	399.05	9	40.87	9		9		9	
1/4	2,195.77	1/4	1,834.76	1/4	1,473.75	1/4	1,112.73	1/4	752.53	1/4	391.53	1/4	34.29	1/4		1/4		1/4	
1/2	2,188.25	1/2	1,827.24	1/2	1,466.23	1/2	1,105.24	1/2	745.00	1/2	384.01	1/2	29.59	1/2		1/2		1/2	
3/4	2,180.73	3/4	1,819.72	3/4	1,458.70	3/4	1,097.74	3/4	737.48	3/4	376.49	3/4	24.89	3/4		3/4		3/4	
10	2,173.21	10	1,812.20	10	1,451.18	10	1,090.25	10	729.96	10	368.96	10	20.19	10		10		10	
1/4	2,165.69	1/4	1,804.67	1/4	1,443.66	1/4	1,082.75	1/4	722.44	1/4	361.44	1/4	15.49	1/4		1/4		1/4	
1/2	2,158.17	1/2	1,797.15	1/2	1,436.14	1/2	1,075.25	1/2	714.92	1/2	353.92	1/2		1/2		1/2		1/2	
3/4	2,150.65	3/4	1,789.63	3/4	1,428.62	3/4	1,067.76	3/4	707.40	3/4	346.40	3/4		3/4		3/4		3/4	
11	2,143.12	11	1,782.11	11	1,421.10	11	1,060.26	11	699.88	11	338.88	11		11		11		11	
1/4	2,135.60	1/4	1,774.59	1/4	1,413.58	1/4	1,052.76	1/4	692.36	1/4	331.36	1/4		1/4		1/4		1/4	
1/2	2,128.08	1/2	1,767.07	1/2	1,406.06	1/2	1,045.27	1/2	684.84	1/2	323.84	1/2		1/2		1/2		1/2	
3/4	2,120.56	3/4	1,759.55	3/4	1,398.54	3/4	1,037.77	3/4	677.32	3/4	316.32	3/4		3/4		3/4		3/4	

STRAPPED: 03/05/2003 CL - SW
CALCULATED: 03/05/2003 CL
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 28026"

3 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	4,595.63	0	4,329.30	0	4,066.44	0	3,790.38	0	3,502.30	0	3,173.57	0	2,813.29
1/4		1/4		1/4		1/4	4,591.03	1/4	4,323.96	1/4	4,060.82	1/4	3,784.50	1/4	3,496.18	1/4	3,166.06	1/4	2,805.79
1/2		1/2		1/2		1/2	4,584.90	1/2	4,318.60	1/2	4,055.17	1/2	3,778.61	1/2	3,490.05	1/2	3,158.56	1/2	2,798.28
3/4		3/4		3/4		3/4	4,578.77	3/4	4,313.25	3/4	4,049.53	3/4	3,772.72	3/4	3,483.92	3/4	3,151.05	3/4	2,790.77
1		1		1		1	4,572.64	1	4,307.89	1	4,043.89	1	3,766.83	1	3,477.79	1	3,143.54	1	2,783.27
1/4		1/4		1/4		1/4	4,566.51	1/4	4,302.53	1/4	4,038.25	1/4	3,760.94	1/4	3,471.66	1/4	3,136.04	1/4	2,775.76
1/2		1/2		1/2		1/2	4,560.38	1/2	4,297.15	1/2	4,032.59	1/2	3,755.03	1/2	3,465.53	1/2	3,128.53	1/2	2,768.25
3/4		3/4		3/4		3/4	4,554.25	3/4	4,291.78	3/4	4,026.92	3/4	3,749.11	3/4	3,459.40	3/4	3,121.03	3/4	2,760.75
2		2		2		2	4,548.12	2	4,286.40	2	4,021.26	2	3,743.20	2	3,453.28	2	3,113.52	2	2,753.24
1/4		1/4		1/4		1/4	4,541.99	1/4	4,281.02	1/4	4,015.60	1/4	3,737.28	1/4	3,447.15	1/4	3,106.02	1/4	2,745.73
1/2		1/2		1/2		1/2	4,535.86	1/2	4,275.63	1/2	4,009.92	1/2	3,731.35	1/2	3,441.02	1/2	3,098.51	1/2	2,738.23
3/4		3/4		3/4		3/4	4,529.73	3/4	4,270.23	3/4	4,004.23	3/4	3,725.42	3/4	3,434.89	3/4	3,091.00	3/4	2,730.72
3		3		3		3	4,523.60	3	4,264.84	3	3,998.54	3	3,719.48	3	3,428.76	3	3,083.50	3	2,723.21
1/4		1/4		1/4		1/4	4,517.47	1/4	4,259.44	1/4	3,992.86	1/4	3,713.55	1/4	3,422.63	1/4	3,075.99	1/4	2,715.71
1/2		1/2		1/2		1/2	4,511.34	1/2	4,254.02	1/2	3,987.15	1/2	3,707.60	1/2	3,416.36	1/2	3,068.49	1/2	2,708.20
3/4		3/4		3/4		3/4	4,505.21	3/4	4,248.60	3/4	3,981.45	3/4	3,701.65	3/4	3,410.09	3/4	3,060.98	3/4	2,700.69
4		4		4		4	4,499.08	4	4,243.18	4	3,975.75	4	3,695.69	4	3,403.83	4	3,053.48	4	2,693.18
1/4		1/4		1/4		1/4	4,492.95	1/4	4,237.76	1/4	3,970.04	1/4	3,689.74	1/4	3,397.56	1/4	3,045.97	1/4	2,685.68
1/2		1/2		1/2		1/2	4,487.72	1/2	4,232.32	1/2	3,964.32	1/2	3,683.76	1/2	3,391.01	1/2	3,038.46	1/2	2,678.17
3/4		3/4		3/4		3/4	4,482.49	3/4	4,226.89	3/4	3,958.59	3/4	3,677.79	3/4	3,384.47	3/4	3,030.96	3/4	2,670.66
5		5		5		5	4,477.26	5	4,221.45	5	3,952.87	5	3,671.81	5	3,377.92	5	3,023.45	5	2,663.16
1/4		1/4		1/4		1/4	4,472.03	1/4	4,216.01	1/4	3,947.15	1/4	3,665.84	1/4	3,371.37	1/4	3,015.95	1/4	2,655.65
1/2		1/2		1/2		1/2	4,466.79	1/2	4,210.55	1/2	3,941.40	1/2	3,659.84	1/2	3,364.55	1/2	3,008.44	1/2	2,648.14
3/4		3/4		3/4		3/4	4,461.54	3/4	4,205.10	3/4	3,935.65	3/4	3,653.85	3/4	3,357.73	3/4	3,000.94	3/4	2,640.64
6		6		6		6	4,456.29	6	4,199.64	6	3,929.91	6	3,647.85	6	3,350.90	6	2,993.43	6	2,633.13
1/4		1/4		1/4		1/4	4,451.04	1/4	4,194.18	1/4	3,924.16	1/4	3,641.86	1/4	3,344.08	1/4	2,985.92	1/4	2,625.62
1/2		1/2		1/2		1/2	4,445.78	1/2	4,188.70	1/2	3,918.39	1/2	3,635.83	1/2	3,336.97	1/2	2,978.42	1/2	2,618.12
3/4		3/4		3/4		3/4	4,440.51	3/4	4,183.22	3/4	3,912.63	3/4	3,629.81	3/4	3,329.87	3/4	2,970.91	3/4	2,610.61
7		7		7		7	4,435.24	7	4,177.74	7	3,906.86	7	3,623.79	7	3,322.77	7	2,963.41	7	2,603.10
1/4		1/4		1/4		1/4	4,429.98	1/4	4,172.26	1/4	3,901.09	1/4	3,617.77	1/4	3,315.67	1/4	2,955.90	1/4	2,595.59
1/2		1/2		1/2		1/2	4,424.69	1/2	4,166.76	1/2	3,895.31	1/2	3,611.73	1/2	3,308.29	1/2	2,948.40	1/2	2,588.09
3/4		3/4		3/4		3/4	4,419.40	3/4	4,161.26	3/4	3,889.52	3/4	3,605.69	3/4	3,300.91	3/4	2,940.89	3/4	2,580.58
8		8		8		8	4,414.11	8	4,155.76	8	3,883.74	8	3,599.65	8	3,293.53	8	2,933.38	8	2,573.07
1/4		1/4		1/4		1/4	4,408.82	1/4	4,150.26	1/4	3,877.95	1/4	3,593.62	1/4	3,286.15	1/4	2,925.88	1/4	2,565.57
1/2		1/2		1/2		1/2	4,403.54	1/2	4,144.70	1/2	3,872.14	1/2	3,587.56	1/2	3,278.65	1/2	2,918.37	1/2	2,558.06
3/4		3/4		3/4		3/4	4,398.27	3/4	4,139.14	3/4	3,866.33	3/4	3,581.50	3/4	3,271.14	3/4	2,910.87	3/4	2,550.55
9		9		9		9	4,393.00	9	4,133.59	9	3,860.53	9	3,575.44	9	3,263.64	9	2,903.36	9	2,543.05
1/4		1/4		1/4		1/4	4,387.73	1/4	4,128.03	1/4	3,854.72	1/4	3,569.39	1/4	3,256.13	1/4	2,895.86	1/4	2,535.54
1/2		1/2		1/2		1/2	4,382.44	1/2	4,122.45	1/2	3,848.89	1/2	3,563.30	1/2	3,248.62	1/2	2,888.35	1/2	2,528.03
3/4		3/4		3/4		3/4	4,377.14	3/4	4,116.87	3/4	3,843.06	3/4	3,557.22	3/4	3,241.12	3/4	2,880.84	3/4	2,520.53
10		10		10		10	4,371.85	10	4,111.29	10	3,837.23	10	3,551.14	10	3,233.61	10	2,873.34	10	2,513.02
1/4		1/4		1/4		1/4	4,366.56	1/4	4,105.71	1/4	3,831.40	1/4	3,545.05	1/4	3,226.11	1/4	2,865.83	1/4	2,505.51
1/2		1/2		1/2		1/2	4,361.25	1/2	4,100.11	1/2	3,825.55	1/2	3,538.95	1/2	3,218.60	1/2	2,858.33	1/2	2,498.00
3/4		3/4		3/4		3/4	4,355.93	3/4	4,094.51	3/4	3,819.70	3/4	3,532.85	3/4	3,211.10	3/4	2,850.82	3/4	2,490.50
11		11		11		11	4,350.62	11	4,088.91	11	3,813.84	11	3,526.75	11	3,203.59	11	2,843.32	11	2,482.99
1/4		1/4		1/4		1/4	4,345.30	1/4	4,083.32	1/4	3,807.99	1/4	3,520.65	1/4	3,196.08	1/4	2,835.81	1/4	2,475.48
1/2		1/2		1/2		1/2	4,339.97	1/2	4,077.69	1/2	3,802.12	1/2	3,514.54	1/2	3,188.58	1/2	2,828.30	1/2	2,467.98
3/4		3/4		3/4		3/4	4,600.23	3/4	4,334.63	3/4	4,072.07	3/4	3,796.25	3/4	3,181.07	3/4	2,820.80	3/4	2,460.48

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 12'-08" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 28026"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,452.97	0	2,092.70	0	1,735.42	0	1,375.11	0	1,018.49	0	665.40	0	308.63	0		0		0	
1/4	2,445.47	1/4	2,085.19	1/4	1,727.97	1/4	1,367.60	1/4	1,011.13	1/4	658.06	1/4	301.12	1/4		1/4		1/4	
1/2	2,437.97	1/2	2,077.75	1/2	1,720.47	1/2	1,360.09	1/2	1,003.76	1/2	650.72	1/2	293.61	1/2		1/2		1/2	
3/4	2,430.46	3/4	2,070.31	3/4	1,712.96	3/4	1,352.58	3/4	996.40	3/4	643.38	3/4	286.10	3/4		3/4		3/4	
1	2,422.96	1	2,062.86	1	1,705.45	1	1,345.08	1	989.03	1	636.04	1	278.60	1		1		1	
1/4	2,415.46	1/4	2,055.42	1/4	1,697.94	1/4	1,337.57	1/4	981.67	1/4	628.70	1/4	271.09	1/4		1/4		1/4	
1/2	2,407.95	1/2	2,047.98	1/2	1,690.43	1/2	1,330.06	1/2	974.31	1/2	621.36	1/2	263.58	1/2		1/2		1/2	
3/4	2,400.45	3/4	2,040.54	3/4	1,682.93	3/4	1,322.55	3/4	966.94	3/4	614.02	3/4	256.07	3/4		3/4		3/4	
2	2,392.95	2	2,033.10	2	1,675.42	2	1,315.04	2	959.58	2	606.68	2	248.56	2		2		2	
1/4	2,385.44	1/4	2,025.65	1/4	1,667.91	1/4	1,307.54	1/4	952.21	1/4	599.34	1/4	241.05	1/4		1/4		1/4	
1/2	2,377.94	1/2	2,018.21	1/2	1,660.40	1/2	1,300.03	1/2	944.85	1/2	592.00	1/2	233.54	1/2		1/2		1/2	
3/4	2,370.44	3/4	2,010.77	3/4	1,652.90	3/4	1,292.52	3/4	937.48	3/4	584.66	3/4	226.03	3/4		3/4		3/4	
3	2,362.93	3	2,003.33	3	1,645.39	3	1,285.01	3	930.12	3	577.32	3	218.53	3		3		3	
1/4	2,355.43	1/4	1,995.89	1/4	1,637.88	1/4	1,277.51	1/4	922.76	1/4	569.98	1/4	211.02	1/4		1/4		1/4	
1/2	2,347.93	1/2	1,988.44	1/2	1,630.37	1/2	1,270.00	1/2	915.39	1/2	562.63	1/2	203.50	1/2		1/2		1/2	
3/4	2,340.42	3/4	1,981.00	3/4	1,622.86	3/4	1,262.49	3/4	908.03	3/4	555.28	3/4	195.98	3/4		3/4		3/4	
4	2,332.92	4	1,973.56	4	1,615.36	4	1,254.98	4	900.66	4	547.92	4	188.46	4		4		4	
1/4	2,325.42	1/4	1,966.12	1/4	1,607.85	1/4	1,247.47	1/4	893.30	1/4	540.57	1/4	180.93	1/4		1/4		1/4	
1/2	2,317.92	1/2	1,958.68	1/2	1,600.34	1/2	1,239.97	1/2	885.93	1/2	533.20	1/2	173.41	1/2		1/2		1/2	
3/4	2,310.41	3/4	1,951.23	3/4	1,592.83	3/4	1,232.46	3/4	878.57	3/4	525.83	3/4	165.89	3/4		3/4		3/4	
5	2,302.91	5	1,943.79	5	1,585.33	5	1,224.95	5	871.20	5	518.46	5	158.37	5		5		5	
1/4	2,295.41	1/4	1,936.35	1/4	1,577.82	1/4	1,217.44	1/4	863.84	1/4	511.09	1/4	150.85	1/4		1/4		1/4	
1/2	2,287.90	1/2	1,928.91	1/2	1,570.31	1/2	1,210.07	1/2	856.47	1/2	503.65	1/2	143.33	1/2		1/2		1/2	
3/4	2,280.39	3/4	1,921.47	3/4	1,562.80	3/4	1,202.70	3/4	849.10	3/4	496.21	3/4	135.81	3/4		3/4		3/4	
6	2,272.88	6	1,914.02	6	1,555.29	6	1,195.33	6	841.73	6	488.77	6	128.29	6		6		6	
1/4	2,265.37	1/4	1,906.58	1/4	1,547.79	1/4	1,187.96	1/4	834.36	1/4	481.33	1/4	120.77	1/4		1/4		1/4	
1/2	2,257.87	1/2	1,899.14	1/2	1,540.28	1/2	1,180.59	1/2	826.99	1/2	473.82	1/2	113.25	1/2		1/2		1/2	
3/4	2,250.36	3/4	1,891.70	3/4	1,532.77	3/4	1,173.21	3/4	819.62	3/4	466.32	3/4	105.73	3/4		3/4		3/4	
7	2,242.85	7	1,884.26	7	1,525.26	7	1,165.84	7	812.25	7	458.81	7	98.21	7		7		7	
1/4	2,235.34	1/4	1,876.81	1/4	1,517.76	1/4	1,158.47	1/4	804.89	1/4	451.30	1/4	90.69	1/4		1/4		1/4	
1/2	2,227.84	1/2	1,869.37	1/2	1,510.25	1/2	1,151.10	1/2	797.54	1/2	443.79	1/2	83.17	1/2		1/2		1/2	
3/4	2,220.33	3/4	1,861.93	3/4	1,502.74	3/4	1,143.73	3/4	790.18	3/4	436.28	3/4	75.65	3/4		3/4		3/4	
8	2,212.82	8	1,854.49	8	1,495.23	8	1,136.36	8	782.83	8	428.77	8	68.13	8		8		8	
1/4	2,205.31	1/4	1,847.05	1/4	1,487.72	1/4	1,128.99	1/4	775.48	1/4	421.26	1/4	60.61	1/4		1/4		1/4	
1/2	2,197.81	1/2	1,839.60	1/2	1,480.22	1/2	1,121.61	1/2	768.14	1/2	413.75	1/2	54.03	1/2		1/2		1/2	
3/4	2,190.30	3/4	1,832.16	3/4	1,472.71	3/4	1,114.24	3/4	760.80	3/4	406.25	3/4	47.44	3/4		3/4		3/4	
9	2,182.79	9	1,824.72	9	1,465.20	9	1,106.87	9	753.47	9	398.74	9	40.86	9		9		9	
1/4	2,175.28	1/4	1,817.28	1/4	1,457.69	1/4	1,099.50	1/4	746.13	1/4	391.23	1/4	34.28	1/4		1/4		1/4	
1/2	2,167.77	1/2	1,809.84	1/2	1,450.18	1/2	1,092.14	1/2	738.79	1/2	383.72	1/2	29.58	1/2		1/2		1/2	
3/4	2,160.27	3/4	1,802.39	3/4	1,442.68	3/4	1,084.77	3/4	731.45	3/4	376.21	3/4	24.88	3/4		3/4		3/4	
10	2,152.76	10	1,794.95	10	1,435.17	10	1,077.41	10	724.11	10	368.70	10	20.18	10		10		10	
1/4	2,145.25	1/4	1,787.51	1/4	1,427.66	1/4	1,070.04	1/4	716.78	1/4	361.19	1/4	15.48	1/4		1/4		1/4	
1/2	2,137.74	1/2	1,780.07	1/2	1,420.15	1/2	1,062.68	1/2	709.44	1/2	353.68	1/2		1/2		1/2		1/2	
3/4	2,130.24	3/4	1,772.63	3/4	1,412.65	3/4	1,055.31	3/4	702.10	3/4	346.18	3/4		3/4		3/4		3/4	
11	2,122.73	11	1,765.18	11	1,405.14	11	1,047.95	11	694.76	11	338.67	11		11		11		11	
1/4	2,115.22	1/4	1,757.74	1/4	1,397.63	1/4	1,040.59	1/4	687.42	1/4	331.16	1/4		1/4		1/4		1/4	
1/2	2,107.71	1/2	1,750.30	1/2	1,390.12	1/2	1,033.22	1/2	680.08	1/2	323.65	1/2		1/2		1/2		1/2	
3/4	2,100.20	3/4	1,742.86	3/4	1,382.61	3/4	1,025.86	3/4	672.74	3/4	316.14	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/05/2003 CL - SW
CALCULATED: 03/05/2003 CL
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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