



BARGE "KIRBY 11358"

ULLAGE TRIM TABLE
FORMERLY "FMT 1018"

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

(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 CENTER IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 169'-06"

October 13, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 11358"

1 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1018"

GAUGE HEIGHT 17'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	3,673.16	0	3,427.23	0	3,181.29	0	2,924.95	0	2,651.25	0	2,377.56		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,668.04	1/4	3,422.11	1/4	3,176.17	1/4	2,919.25	1/4	2,645.55	1/4	2,371.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,662.92	1/2	3,416.98	1/2	3,171.04	1/2	2,913.55	1/2	2,639.85	1/2	2,366.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,872.99	3/4	3,657.79	3/4	3,411.86	3/4	3,165.92	3/4	2,907.84	3/4	2,634.15	3/4	2,360.45
1		1		1		1		1	3,872.78	1	3,652.67	1	3,406.73	1	3,160.79	1	2,902.14	1	2,628.45	1	2,354.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,871.50	1/4	3,647.55	1/4	3,401.61	1/4	3,155.67	1/4	2,896.44	1/4	2,622.75	1/4	2,349.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,870.22	1/2	3,642.42	1/2	3,396.49	1/2	3,150.55	1/2	2,890.74	1/2	2,617.05	1/2	2,343.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,868.93	3/4	3,637.30	3/4	3,391.36	3/4	3,145.42	3/4	2,885.03	3/4	2,611.34	3/4	2,337.64
2		2		2		2		2	3,867.65	2	3,632.17	2	3,386.24	2	3,140.30	2	2,879.33	2	2,605.64	2	2,331.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,864.66	1/4	3,627.05	1/4	3,381.12	1/4	3,135.18	1/4	2,873.63	1/4	2,599.94	1/4	2,326.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,861.67	1/2	3,621.93	1/2	3,375.99	1/2	3,130.06	1/2	2,867.93	1/2	2,594.24	1/2	2,320.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,858.68	3/4	3,617.80	3/4	3,370.87	3/4	3,124.93	3/4	2,862.22	3/4	2,588.53	3/4	2,314.83
3		3		3		3		3	3,855.69	3	3,611.68	3	3,365.74	3	3,119.81	3	2,856.52	3	2,582.83	3	2,309.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,851.05	1/4	3,606.56	1/4	3,360.62	1/4	3,114.69	1/4	2,850.82	1/4	2,577.13	1/4	2,303.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,846.41	1/2	3,601.43	1/2	3,355.50	1/2	3,109.56	1/2	2,845.12	1/2	2,571.43	1/2	2,297.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,841.76	3/4	3,596.31	3/4	3,350.37	3/4	3,104.44	3/4	2,839.41	3/4	2,565.72	3/4	2,292.02
4		4		4		4		4	3,837.12	4	3,591.18	4	3,345.25	4	3,099.31	4	2,833.71	4	2,560.02	4	2,286.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,832.00	1/4	3,586.06	1/4	3,340.13	1/4	3,094.19	1/4	2,828.01	1/4	2,554.32	1/4	2,280.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,826.87	1/2	3,580.94	1/2	3,335.00	1/2	3,089.07	1/2	2,822.31	1/2	2,548.62	1/2	2,274.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,821.75	3/4	3,575.81	3/4	3,329.88	3/4	3,083.94	3/4	2,816.61	3/4	2,542.92	3/4	2,269.21
5		5		5		5		5	3,816.62	5	3,570.69	5	3,324.75	5	3,078.82	5	2,810.91	5	2,537.22	5	2,263.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,811.50	1/4	3,565.57	1/4	3,319.63	1/4	3,073.70	1/4	2,805.21	1/4	2,531.52	1/4	2,257.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,806.38	1/2	3,560.44	1/2	3,314.51	1/2	3,068.57	1/2	2,799.51	1/2	2,525.82	1/2	2,252.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,801.25	3/4	3,555.32	3/4	3,309.38	3/4	3,063.45	3/4	2,793.80	3/4	2,520.11	3/4	2,246.40
6		6		6		6		6	3,796.13	6	3,550.19	6	3,304.26	6	3,058.32	6	2,788.10	6	2,514.41	6	2,240.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,791.01	1/4	3,545.07	1/4	3,299.14	1/4	3,053.20	1/4	2,782.40	1/4	2,508.71	1/4	2,235.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,785.89	1/2	3,539.95	1/2	3,294.01	1/2	3,048.08	1/2	2,776.70	1/2	2,503.01	1/2	2,229.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,780.76	3/4	3,534.82	3/4	3,288.89	3/4	3,042.95	3/4	2,770.99	3/4	2,497.30	3/4	2,223.59
7		7		7		7		7	3,775.64	7	3,529.70	7	3,283.76	7	3,037.83	7	2,765.29	7	2,491.60	7	2,217.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,770.52	1/4	3,524.58	1/4	3,278.64	1/4	3,032.42	1/4	2,759.59	1/4	2,485.90	1/4	2,212.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,765.39	1/2	3,519.45	1/2	3,273.52	1/2	3,027.01	1/2	2,753.89	1/2	2,480.20	1/2	2,206.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,760.27	3/4	3,514.33	3/4	3,268.39	3/4	3,021.59	3/4	2,748.18	3/4	2,474.49	3/4	2,200.78
8		8		8		8		8	3,755.14	8	3,509.20	8	3,263.27	8	3,016.18	8	2,742.48	8	2,468.79	8	2,195.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,750.02	1/4	3,504.08	1/4	3,258.15	1/4	3,010.48	1/4	2,736.78	1/4	2,463.09	1/4	2,189.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,744.90	1/2	3,498.96	1/2	3,253.02	1/2	3,004.78	1/2	2,731.08	1/2	2,457.39	1/2	2,183.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,739.77	3/4	3,493.83	3/4	3,247.90	3/4	2,999.07	3/4	2,725.38	3/4	2,451.69	3/4	2,177.97
9		9		9		9		9	3,734.65	9	3,488.71	9	3,242.77	9	2,993.37	9	2,719.68	9	2,445.99	9	2,172.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,729.53	1/4	3,483.59	1/4	3,237.65	1/4	2,987.67	1/4	2,713.98	1/4	2,440.29	1/4	2,166.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,724.40	1/2	3,478.47	1/2	3,232.53	1/2	2,981.97	1/2	2,708.28	1/2	2,434.59	1/2	2,160.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,719.28	3/4	3,473.34	3/4	3,227.40	3/4	2,976.26	3/4	2,702.57	3/4	2,428.88	3/4	2,155.16
10		10		10		10		10	3,714.15	10	3,468.22	10	3,222.28	10	2,970.56	10	2,696.87	10	2,423.18	10	2,149.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,709.03	1/4	3,463.10	1/4	3,217.16	1/4	2,964.86	1/4	2,691.17	1/4	2,417.48	1/4	2,143.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,703.91	1/2	3,457.97	1/2	3,212.03	1/2	2,959.16	1/2	2,685.47	1/2	2,411.78	1/2	2,138.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,698.78	3/4	3,452.85	3/4	3,206.91	3/4	2,953.45	3/4	2,679.76	3/4	2,406.07	3/4	2,132.35
11		11		11		11		11	3,693.66	11	3,447.72	11	3,201.78	11	2,947.75	11	2,674.06	11	2,400.37	11	2,126.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,688.54	1/4	3,442.60	1/4	3,196.66	1/4	2,942.05	1/4	2,668.36	1/4	2,394.67	1/4	2,120.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,683.41	1/2	3,437.48	1/2	3,191.54	1/2	2,936.35	1/2	2,662.66	1/2	2,388.97	1/2	2,115.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,678.29	3/4	3,432.35	3/4	3,186.41	3/4	2,930.65	3/4	2,656.95	3/4	2,383.26	3/4	2,109.54

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 1'-0" CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 11358"

1 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1018"

GAUGE HEIGHT 17'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,103.84	0	1,830.12	0	1,556.39	0	1,282.66	0	1,008.93	0	735.55	0	462.26	0	188.56	0		0	
1/4	2,098.14	1/4	1,824.42	1/4	1,550.69	1/4	1,276.96	1/4	1,003.23	1/4	729.87	1/4	456.56	1/4	182.86	1/4		1/4	
1/2	2,092.44	1/2	1,818.72	1/2	1,544.99	1/2	1,271.26	1/2	997.53	1/2	724.19	1/2	450.86	1/2	177.16	1/2		1/2	
3/4	2,086.73	3/4	1,813.01	3/4	1,539.28	3/4	1,265.55	3/4	991.82	3/4	718.50	3/4	445.15	3/4	171.45	3/4		3/4	
1	2,081.03	1	1,807.31	1	1,533.58	1	1,259.85	1	986.12	1	712.82	1	439.45	1	165.75	1		1	
1/4	2,075.33	1/4	1,801.61	1/4	1,527.88	1/4	1,254.15	1/4	980.42	1/4	707.14	1/4	433.75	1/4	160.05	1/4		1/4	
1/2	2,069.63	1/2	1,795.91	1/2	1,522.18	1/2	1,248.45	1/2	974.72	1/2	701.46	1/2	428.05	1/2	154.35	1/2		1/2	
3/4	2,063.92	3/4	1,790.20	3/4	1,516.47	3/4	1,242.74	3/4	969.01	3/4	695.77	3/4	422.34	3/4	148.65	3/4		3/4	
2	2,058.22	2	1,784.50	2	1,510.77	2	1,237.04	2	963.31	2	690.09	2	416.64	2	142.95	2		2	
1/4	2,052.52	1/4	1,778.80	1/4	1,505.07	1/4	1,231.34	1/4	957.61	1/4	684.41	1/4	410.94	1/4	137.25	1/4		1/4	
1/2	2,046.82	1/2	1,773.10	1/2	1,499.37	1/2	1,225.64	1/2	951.90	1/2	678.73	1/2	405.24	1/2	131.55	1/2		1/2	
3/4	2,041.11	3/4	1,767.39	3/4	1,493.66	3/4	1,219.93	3/4	946.20	3/4	673.04	3/4	399.53	3/4	125.84	3/4		3/4	
3	2,035.41	3	1,761.69	3	1,487.96	3	1,214.23	3	940.49	3	667.36	3	393.83	3	120.14	3		3	
1/4	2,029.71	1/4	1,755.99	1/4	1,482.26	1/4	1,208.53	1/4	934.79	1/4	661.68	1/4	388.13	1/4	114.44	1/4		1/4	
1/2	2,024.01	1/2	1,750.29	1/2	1,476.56	1/2	1,202.83	1/2	929.09	1/2	656.00	1/2	382.43	1/2	108.74	1/2		1/2	
3/4	2,018.30	3/4	1,744.58	3/4	1,470.85	3/4	1,197.12	3/4	923.38	3/4	650.31	3/4	376.73	3/4	103.03	3/4		3/4	
4	2,012.60	4	1,738.88	4	1,465.15	4	1,191.42	4	917.68	4	644.63	4	371.03	4	97.33	4		4	
1/4	2,006.90	1/4	1,733.18	1/4	1,459.45	1/4	1,185.72	1/4	911.98	1/4	638.95	1/4	365.33	1/4	91.63	1/4		1/4	
1/2	2,001.20	1/2	1,727.48	1/2	1,453.75	1/2	1,180.02	1/2	906.28	1/2	633.27	1/2	359.63	1/2	85.93	1/2		1/2	
3/4	1,995.49	3/4	1,721.77	3/4	1,448.04	3/4	1,174.31	3/4	900.57	3/4	627.58	3/4	353.92	3/4	80.22	3/4		3/4	
5	1,989.79	5	1,716.07	5	1,442.34	5	1,168.61	5	894.87	5	621.90	5	348.22	5	74.52	5		5	
1/4	1,984.09	1/4	1,710.37	1/4	1,436.64	1/4	1,162.91	1/4	889.17	1/4	616.20	1/4	342.52	1/4	68.82	1/4		1/4	
1/2	1,978.39	1/2	1,704.67	1/2	1,430.94	1/2	1,157.20	1/2	883.47	1/2	610.50	1/2	336.82	1/2	63.12	1/2		1/2	
3/4	1,972.68	3/4	1,698.96	3/4	1,425.23	3/4	1,151.50	3/4	877.76	3/4	604.79	3/4	331.11	3/4	57.42	3/4		3/4	
6	1,966.98	6	1,693.26	6	1,419.53	6	1,145.79	6	872.06	6	599.09	6	325.41	6	51.72	6		6	
1/4	1,961.28	1/4	1,687.56	1/4	1,413.83	1/4	1,140.09	1/4	866.36	1/4	593.39	1/4	319.71	1/4	46.02	1/4		1/4	
1/2	1,955.58	1/2	1,681.86	1/2	1,408.13	1/2	1,134.39	1/2	860.66	1/2	587.69	1/2	314.01	1/2	40.32	1/2		1/2	
3/4	1,949.87	3/4	1,676.15	3/4	1,402.42	3/4	1,128.68	3/4	854.95	3/4	581.99	3/4	308.30	3/4	34.61	3/4		3/4	
7	1,944.17	7	1,670.45	7	1,396.72	7	1,122.98	7	849.25	7	576.29	7	302.60	7	28.91	7		7	
1/4	1,938.47	1/4	1,664.75	1/4	1,391.02	1/4	1,117.28	1/4	843.56	1/4	570.59	1/4	296.90	1/4	24.07	1/4		1/4	
1/2	1,932.77	1/2	1,659.05	1/2	1,385.32	1/2	1,111.58	1/2	837.87	1/2	564.89	1/2	291.20	1/2	19.23	1/2		1/2	
3/4	1,927.06	3/4	1,653.34	3/4	1,379.61	3/4	1,105.87	3/4	832.17	3/4	559.18	3/4	285.49	3/4	14.38	3/4		3/4	
8	1,921.36	8	1,647.64	8	1,373.91	8	1,100.17	8	826.48	8	553.48	8	279.79	8	9.54	8		8	
1/4	1,915.66	1/4	1,641.94	1/4	1,368.21	1/4	1,094.47	1/4	820.80	1/4	547.78	1/4	274.09	1/4	7.40	1/4		1/4	
1/2	1,909.96	1/2	1,636.23	1/2	1,362.50	1/2	1,088.77	1/2	815.12	1/2	542.08	1/2	268.39	1/2	5.27	1/2		1/2	
3/4	1,904.25	3/4	1,630.53	3/4	1,356.80	3/4	1,083.06	3/4	809.43	3/4	536.38	3/4	262.69	3/4	3.13	3/4		3/4	
9	1,898.55	9	1,624.82	9	1,351.09	9	1,077.36	9	803.75	9	530.68	9	256.99	9	0.99	9		9	
1/4	1,892.85	1/4	1,619.12	1/4	1,345.39	1/4	1,071.66	1/4	798.07	1/4	524.98	1/4	251.29	1/4		1/4		1/4	
1/2	1,887.15	1/2	1,613.42	1/2	1,339.69	1/2	1,065.96	1/2	792.39	1/2	519.28	1/2	245.59	1/2		1/2		1/2	
3/4	1,881.44	3/4	1,607.71	3/4	1,333.98	3/4	1,060.25	3/4	786.70	3/4	513.57	3/4	239.88	3/4		3/4		3/4	
10	1,875.74	10	1,602.01	10	1,328.28	10	1,054.55	10	781.02	10	507.87	10	234.18	10		10		10	
1/4	1,870.04	1/4	1,596.31	1/4	1,322.58	1/4	1,048.85	1/4	775.34	1/4	502.17	1/4	228.48	1/4		1/4		1/4	
1/2	1,864.34	1/2	1,590.61	1/2	1,316.88	1/2	1,043.15	1/2	769.65	1/2	496.47	1/2	222.78	1/2		1/2		1/2	
3/4	1,858.63	3/4	1,584.90	3/4	1,311.17	3/4	1,037.44	3/4	763.97	3/4	490.77	3/4	217.07	3/4		3/4		3/4	
11	1,852.93	11	1,579.20	11	1,305.47	11	1,031.74	11	758.28	11	485.07	11	211.37	11		11		11	
1/4	1,847.23	1/4	1,573.50	1/4	1,299.77	1/4	1,026.04	1/4	752.60	1/4	479.37	1/4	205.67	1/4		1/4		1/4	
1/2	1,841.53	1/2	1,567.80	1/2	1,294.07	1/2	1,020.34	1/2	746.92	1/2	473.67	1/2	199.97	1/2		1/2		1/2	
3/4	1,835.82	3/4	1,562.09	3/4	1,288.36	3/4	1,014.63	3/4	741.23	3/4	467.96	3/4	194.26	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/03/2008 INT.
NAME CHANGE: 10/18/2023 JS
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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



BARGE "KIRBY 11358"

2 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1018"

GAUGE HEIGHT 17'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,621.29	0	3,397.91	0	3,148.33	0	2,898.74	0	2,649.15	0	2,399.56	0	2,149.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,620.64	1/4	3,392.71	1/4	3,143.13	1/4	2,893.54	1/4	2,643.95	1/4	2,394.36	1/4	2,144.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,618.91	1/2	3,387.51	1/2	3,137.93	1/2	2,888.34	1/2	2,638.75	1/2	2,389.16	1/2	2,139.57		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,617.18	3/4	3,382.31	3/4	3,132.73	3/4	2,883.14	3/4	2,633.55	3/4	2,383.96	3/4	2,134.37		
1		1		1		1	3,615.44	1	3,377.11	1	3,127.53	1	2,877.94	1	2,628.35	1	2,378.76	1	2,129.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,613.71	1/4	3,371.91	1/4	3,122.33	1/4	2,872.74	1/4	2,623.15	1/4	2,373.56	1/4	2,123.97		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,610.24	1/2	3,366.71	1/2	3,117.13	1/2	2,867.54	1/2	2,617.95	1/2	2,368.36	1/2	2,118.77		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,606.78	3/4	3,361.52	3/4	3,111.93	3/4	2,862.34	3/4	2,612.75	3/4	2,363.16	3/4	2,113.57		
2		2		2		2	3,603.31	2	3,356.32	2	3,106.73	2	2,857.14	2	2,607.55	2	2,357.96	2	2,108.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,599.84	1/4	3,351.12	1/4	3,101.53	1/4	2,851.94	1/4	2,602.35	1/4	2,352.76	1/4	2,103.17		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,594.86	1/2	3,345.92	1/2	3,096.33	1/2	2,846.74	1/2	2,597.15	1/2	2,347.56	1/2	2,097.97		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,589.87	3/4	3,340.72	3/4	3,091.13	3/4	2,841.54	3/4	2,591.95	3/4	2,342.36	3/4	2,092.77		
3		3		3		3	3,584.89	3	3,335.52	3	3,085.93	3	2,836.34	3	2,586.75	3	2,337.16	3	2,087.56		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,579.90	1/4	3,330.32	1/4	3,080.73	1/4	2,831.14	1/4	2,581.55	1/4	2,331.96	1/4	2,082.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,574.70	1/2	3,325.12	1/2	3,075.53	1/2	2,825.94	1/2	2,576.35	1/2	2,326.76	1/2	2,077.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,569.51	3/4	3,319.92	3/4	3,070.33	3/4	2,820.74	3/4	2,571.15	3/4	2,321.56	3/4	2,071.96		
4		4		4		4	3,564.31	4	3,314.72	4	3,065.13	4	2,815.54	4	2,565.95	4	2,316.36	4	2,066.76		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,559.11	1/4	3,309.52	1/4	3,059.93	1/4	2,810.34	1/4	2,560.75	1/4	2,311.16	1/4	2,061.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,553.91	1/2	3,304.32	1/2	3,054.73	1/2	2,805.14	1/2	2,555.55	1/2	2,305.96	1/2	2,056.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,548.71	3/4	3,299.12	3/4	3,049.53	3/4	2,799.94	3/4	2,550.35	3/4	2,300.77	3/4	2,051.16		
5		5		5		5	3,543.51	5	3,293.92	5	3,044.33	5	2,794.74	5	2,545.15	5	2,295.57	5	2,045.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,538.31	1/4	3,288.72	1/4	3,039.13	1/4	2,789.54	1/4	2,539.95	1/4	2,290.37	1/4	2,040.76		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,533.11	1/2	3,283.52	1/2	3,033.93	1/2	2,784.34	1/2	2,534.75	1/2	2,285.17	1/2	2,035.56		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,527.91	3/4	3,278.32	3/4	3,028.73	3/4	2,779.14	3/4	2,529.55	3/4	2,279.97	3/4	2,030.36		
6		6		6		6	3,522.71	6	3,273.12	6	3,023.53	6	2,773.94	6	2,524.35	6	2,274.77	6	2,025.16		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,517.51	1/4	3,267.92	1/4	3,018.33	1/4	2,768.74	1/4	2,519.15	1/4	2,269.57	1/4	2,019.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,512.31	1/2	3,262.72	1/2	3,013.13	1/2	2,763.54	1/2	2,513.95	1/2	2,264.37	1/2	2,014.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,507.11	3/4	3,257.52	3/4	3,007.93	3/4	2,758.34	3/4	2,508.76	3/4	2,259.17	3/4	2,009.56		
7		7		7		7	3,501.91	7	3,252.32	7	3,002.73	7	2,753.14	7	2,503.56	7	2,253.97	7	2,004.36		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,496.71	1/4	3,247.12	1/4	2,997.53	1/4	2,747.94	1/4	2,498.36	1/4	2,248.77	1/4	1,999.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,491.51	1/2	3,241.92	1/2	2,992.33	1/2	2,742.74	1/2	2,493.16	1/2	2,243.57	1/2	1,993.96		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,486.31	3/4	3,236.72	3/4	2,987.13	3/4	2,737.54	3/4	2,487.96	3/4	2,238.37	3/4	1,988.76		
8		8		8		8	3,481.11	8	3,231.52	8	2,981.93	8	2,732.34	8	2,482.76	8	2,233.17	8	1,983.56		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,475.91	1/4	3,226.32	1/4	2,976.73	1/4	2,727.14	1/4	2,477.56	1/4	2,227.97	1/4	1,978.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,470.71	1/2	3,221.12	1/2	2,971.53	1/2	2,721.94	1/2	2,472.36	1/2	2,222.77	1/2	1,973.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,465.51	3/4	3,215.92	3/4	2,966.33	3/4	2,716.75	3/4	2,467.16	3/4	2,217.57	3/4	1,967.96		
9		9		9		9	3,460.31	9	3,210.72	9	2,961.13	9	2,711.55	9	2,461.96	9	2,212.37	9	1,962.76		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,455.11	1/4	3,205.52	1/4	2,955.93	1/4	2,706.35	1/4	2,456.76	1/4	2,207.17	1/4	1,957.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,449.91	1/2	3,200.32	1/2	2,950.73	1/2	2,701.15	1/2	2,451.56	1/2	2,201.97	1/2	1,952.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,444.71	3/4	3,195.12	3/4	2,945.54	3/4	2,695.95	3/4	2,446.36	3/4	2,196.77	3/4	1,947.16		
10		10		10		10	3,439.51	10	3,189.92	10	2,940.34	10	2,690.75	10	2,441.16	10	2,191.57	10	1,941.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,434.31	1/4	3,184.72	1/4	2,935.14	1/4	2,685.55	1/4	2,435.96	1/4	2,186.37	1/4	1,936.75		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,429.11	1/2	3,179.52	1/2	2,929.94	1/2	2,680.35	1/2	2,430.76	1/2	2,181.17	1/2	1,931.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,423.91	3/4	3,174.32	3/4	2,924.74	3/4	2,675.15	3/4	2,425.56	3/4	2,175.97	3/4	1,926.35		
11		11		11		11	3,418.71	11	3,169.12	11	2,919.54	11	2,669.95	11	2,420.36	11	2,170.77	11	1,921.15		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,413.51	1/4	3,163.92	1/4	2,914.34	1/4	2,664.75	1/4	2,415.16	1/4	2,165.57	1/4	1,915.95		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,408.31	1/2	3,158.72	1/2	2,909.14	1/2	2,659.55	1/2	2,409.96	1/2	2,160.37	1/2	1,910.75		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,403.11	3/4	3,153.53	3/4	2,903.94	3/4	2,654.35	3/4	2,404.76	3/4	2,155.17	3/4	1,905.55		

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 1'-0" CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11358"

2 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1018"

GAUGE HEIGHT 17'-08 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	1,900.35	0	1,650.73	0	1,401.11	0	1,151.48	0	901.85	0	652.63	0	403.39	0	153.79	0		0	
1/4	1,895.15	1/4	1,645.53	1/4	1,395.91	1/4	1,146.28	1/4	896.65	1/4	647.45	1/4	398.19	1/4	148.59	1/4		1/4	
1/2	1,889.95	1/2	1,640.33	1/2	1,390.71	1/2	1,141.08	1/2	891.45	1/2	642.27	1/2	392.99	1/2	143.39	1/2		1/2	
3/4	1,884.75	3/4	1,635.13	3/4	1,385.51	3/4	1,135.88	3/4	886.25	3/4	637.09	3/4	387.79	3/4	138.19	3/4		3/4	
1	1,879.55	1	1,629.93	1	1,380.30	1	1,130.67	1	881.04	1	631.91	1	382.59	1	132.99	1		1	
1/4	1,874.35	1/4	1,624.73	1/4	1,375.10	1/4	1,125.47	1/4	875.84	1/4	626.73	1/4	377.39	1/4	127.79	1/4		1/4	
1/2	1,869.15	1/2	1,619.53	1/2	1,369.90	1/2	1,120.27	1/2	870.64	1/2	621.55	1/2	372.19	1/2	122.59	1/2		1/2	
3/4	1,863.95	3/4	1,614.33	3/4	1,364.70	3/4	1,115.07	3/4	865.44	3/4	616.37	3/4	366.99	3/4	117.39	3/4		3/4	
2	1,858.75	2	1,609.13	2	1,359.50	2	1,109.87	2	860.24	2	611.19	2	361.79	2	112.19	2		2	
1/4	1,853.55	1/4	1,603.93	1/4	1,354.30	1/4	1,104.67	1/4	855.04	1/4	606.01	1/4	356.59	1/4	106.99	1/4		1/4	
1/2	1,848.35	1/2	1,598.73	1/2	1,349.10	1/2	1,099.47	1/2	849.84	1/2	600.83	1/2	351.39	1/2	101.79	1/2		1/2	
3/4	1,843.15	3/4	1,593.53	3/4	1,343.90	3/4	1,094.27	3/4	844.64	3/4	595.65	3/4	346.19	3/4	96.59	3/4		3/4	
3	1,837.95	3	1,588.33	3	1,338.70	3	1,089.07	3	839.44	3	590.47	3	340.99	3	91.39	3		3	
1/4	1,832.75	1/4	1,583.13	1/4	1,333.50	1/4	1,083.87	1/4	834.24	1/4	585.29	1/4	335.79	1/4	86.19	1/4		1/4	
1/2	1,827.55	1/2	1,577.93	1/2	1,328.30	1/2	1,078.67	1/2	829.04	1/2	580.11	1/2	330.59	1/2	80.99	1/2		1/2	
3/4	1,822.35	3/4	1,572.73	3/4	1,323.10	3/4	1,073.47	3/4	823.84	3/4	574.93	3/4	325.39	3/4	75.79	3/4		3/4	
4	1,817.14	4	1,567.52	4	1,317.90	4	1,068.27	4	818.64	4	569.74	4	320.19	4	70.59	4		4	
1/4	1,811.94	1/4	1,562.32	1/4	1,312.70	1/4	1,063.07	1/4	813.44	1/4	564.56	1/4	314.99	1/4	65.39	1/4		1/4	
1/2	1,806.74	1/2	1,557.12	1/2	1,307.50	1/2	1,057.87	1/2	808.24	1/2	559.36	1/2	309.79	1/2	60.19	1/2		1/2	
3/4	1,801.54	3/4	1,551.92	3/4	1,302.30	3/4	1,052.67	3/4	803.04	3/4	554.17	3/4	304.59	3/4	55.00	3/4		3/4	
5	1,796.34	5	1,546.72	5	1,297.09	5	1,047.46	5	797.83	5	548.97	5	299.39	5	49.80	5		5	
1/4	1,791.14	1/4	1,541.52	1/4	1,291.89	1/4	1,042.26	1/4	792.63	1/4	543.77	1/4	294.19	1/4	44.60	1/4		1/4	
1/2	1,785.94	1/2	1,536.32	1/2	1,286.69	1/2	1,037.06	1/2	787.43	1/2	538.57	1/2	288.99	1/2	39.40	1/2		1/2	
3/4	1,780.74	3/4	1,531.12	3/4	1,281.49	3/4	1,031.86	3/4	782.23	3/4	533.37	3/4	283.79	3/4	34.20	3/4		3/4	
6	1,775.54	6	1,525.92	6	1,276.29	6	1,026.66	6	777.03	6	528.17	6	278.59	6	29.00	6		6	
1/4	1,770.34	1/4	1,520.72	1/4	1,271.09	1/4	1,021.46	1/4	771.83	1/4	522.97	1/4	273.39	1/4	23.80	1/4		1/4	
1/2	1,765.14	1/2	1,515.52	1/2	1,265.89	1/2	1,016.26	1/2	766.64	1/2	517.77	1/2	268.19	1/2	19.81	1/2		1/2	
3/4	1,759.94	3/4	1,510.32	3/4	1,260.69	3/4	1,011.06	3/4	761.45	3/4	512.58	3/4	262.99	3/4	15.83	3/4		3/4	
7	1,754.74	7	1,505.12	7	1,255.49	7	1,005.86	7	756.26	7	507.38	7	257.79	7	11.84	7		7	
1/4	1,749.54	1/4	1,499.92	1/4	1,250.29	1/4	1,000.66	1/4	751.07	1/4	502.18	1/4	252.59	1/4	7.85	1/4		1/4	
1/2	1,744.34	1/2	1,494.72	1/2	1,245.09	1/2	995.46	1/2	745.89	1/2	496.98	1/2	247.39	1/2	6.12	1/2		1/2	
3/4	1,739.14	3/4	1,489.52	3/4	1,239.89	3/4	990.26	3/4	740.71	3/4	491.78	3/4	242.19	3/4	4.39	3/4		3/4	
8	1,733.94	8	1,484.31	8	1,234.69	8	985.06	8	735.53	8	486.58	8	236.99	8	2.65	8		8	
1/4	1,728.74	1/4	1,479.11	1/4	1,229.49	1/4	979.86	1/4	730.35	1/4	481.38	1/4	231.79	1/4	0.92	1/4		1/4	
1/2	1,723.54	1/2	1,473.91	1/2	1,224.29	1/2	974.66	1/2	725.17	1/2	476.18	1/2	226.59	1/2		1/2		1/2	
3/4	1,718.34	3/4	1,468.71	3/4	1,219.09	3/4	969.46	3/4	719.99	3/4	470.98	3/4	221.39	3/4		3/4		3/4	
9	1,713.14	9	1,463.51	9	1,213.88	9	964.25	9	714.80	9	465.78	9	216.19	9		9		9	
1/4	1,707.94	1/4	1,458.31	1/4	1,208.68	1/4	959.05	1/4	709.62	1/4	460.58	1/4	210.99	1/4		1/4		1/4	
1/2	1,702.74	1/2	1,453.11	1/2	1,203.48	1/2	953.85	1/2	704.44	1/2	455.38	1/2	205.79	1/2		1/2		1/2	
3/4	1,697.54	3/4	1,447.91	3/4	1,198.28	3/4	948.65	3/4	699.26	3/4	450.18	3/4	200.59	3/4		3/4		3/4	
10	1,692.34	10	1,442.71	10	1,193.08	10	943.45	10	694.08	10	444.98	10	195.39	10		10		10	
1/4	1,687.14	1/4	1,437.51	1/4	1,187.88	1/4	938.25	1/4	688.90	1/4	439.78	1/4	190.19	1/4		1/4		1/4	
1/2	1,681.94	1/2	1,432.31	1/2	1,182.68	1/2	933.05	1/2	683.72	1/2	434.58	1/2	184.99	1/2		1/2		1/2	
3/4	1,676.74	3/4	1,427.11	3/4	1,177.48	3/4	927.85	3/4	678.54	3/4	429.39	3/4	179.79	3/4		3/4		3/4	
11	1,671.53	11	1,421.91	11	1,172.28	11	922.65	11	673.36	11	424.19	11	174.59	11		11		11	
1/4	1,666.33	1/4	1,416.71	1/4	1,167.08	1/4	917.45	1/4	668.18	1/4	418.99	1/4	169.39	1/4		1/4		1/4	
1/2	1,661.13	1/2	1,411.51	1/2	1,161.88	1/2	912.25	1/2	663.00	1/2	413.79	1/2	164.19	1/2		1/2		1/2	
3/4	1,655.93	3/4	1,406.31	3/4	1,156.68	3/4	907.05	3/4	657.82	3/4	408.59	3/4	158.99	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/03/2008 INT.
NAME CHANGE: 10/18/2023 JS
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 11358"

3 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1018"

GAUGE HEIGHT 17'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		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.

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

GAUGE POINT: (HERMETIC) LOCATED 1'-0" CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11358"

3 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1018"

GAUGE HEIGHT 17'-08"

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	1,884.33	0	1,636.14	0	1,387.93	0	1,139.73	0	891.52	0	643.76	0	395.91	0	147.75	0		0	
1/4	1,879.16	1/4	1,630.97	1/4	1,382.76	1/4	1,134.56	1/4	886.35	1/4	638.61	1/4	390.74	1/4	142.58	1/4		1/4	
1/2	1,873.99	1/2	1,625.79	1/2	1,377.59	1/2	1,129.39	1/2	881.18	1/2	633.45	1/2	385.57	1/2	137.41	1/2		1/2	
3/4	1,868.82	3/4	1,620.62	3/4	1,372.42	3/4	1,124.22	3/4	876.01	3/4	628.30	3/4	380.40	3/4	132.24	3/4		3/4	
1	1,863.65	1	1,615.45	1	1,367.25	1	1,119.05	1	870.84	1	623.15	1	375.23	1	127.07	1		1	
1/4	1,858.48	1/4	1,610.28	1/4	1,362.08	1/4	1,113.88	1/4	865.67	1/4	618.00	1/4	370.06	1/4	121.90	1/4		1/4	
1/2	1,853.30	1/2	1,605.11	1/2	1,356.91	1/2	1,108.70	1/2	860.50	1/2	612.85	1/2	364.89	1/2	116.73	1/2		1/2	
3/4	1,848.13	3/4	1,599.94	3/4	1,351.74	3/4	1,103.53	3/4	855.33	3/4	607.70	3/4	359.72	3/4	111.56	3/4		3/4	
2	1,842.96	2	1,594.77	2	1,346.57	2	1,098.36	2	850.16	2	602.55	2	354.55	2	106.39	2		2	
1/4	1,837.79	1/4	1,589.60	1/4	1,341.40	1/4	1,093.19	1/4	844.99	1/4	597.40	1/4	349.38	1/4	101.22	1/4		1/4	
1/2	1,832.62	1/2	1,584.43	1/2	1,336.22	1/2	1,088.02	1/2	839.81	1/2	592.25	1/2	344.21	1/2	96.04	1/2		1/2	
3/4	1,827.45	3/4	1,579.26	3/4	1,331.05	3/4	1,082.85	3/4	834.64	3/4	587.10	3/4	339.04	3/4	90.87	3/4		3/4	
3	1,822.28	3	1,574.09	3	1,325.88	3	1,077.68	3	829.47	3	581.95	3	333.87	3	85.70	3		3	
1/4	1,817.11	1/4	1,568.92	1/4	1,320.71	1/4	1,072.51	1/4	824.30	1/4	576.80	1/4	328.70	1/4	80.53	1/4		1/4	
1/2	1,811.94	1/2	1,563.74	1/2	1,315.54	1/2	1,067.34	1/2	819.13	1/2	571.64	1/2	323.53	1/2	75.36	1/2		1/2	
3/4	1,806.77	3/4	1,558.57	3/4	1,310.37	3/4	1,062.17	3/4	813.96	3/4	566.49	3/4	318.36	3/4	70.19	3/4		3/4	
4	1,801.60	4	1,553.40	4	1,305.20	4	1,057.00	4	808.79	4	561.34	4	313.19	4	65.02	4		4	
1/4	1,796.43	1/4	1,548.23	1/4	1,300.03	1/4	1,051.83	1/4	803.62	1/4	556.17	1/4	308.02	1/4	59.85	1/4		1/4	
1/2	1,791.25	1/2	1,543.06	1/2	1,294.86	1/2	1,046.65	1/2	798.45	1/2	551.00	1/2	302.85	1/2	54.68	1/2		1/2	
3/4	1,786.08	3/4	1,537.89	3/4	1,289.69	3/4	1,041.48	3/4	793.28	3/4	545.83	3/4	297.68	3/4	49.51	3/4		3/4	
5	1,780.91	5	1,532.72	5	1,284.52	5	1,036.31	5	788.11	5	540.66	5	292.51	5	44.34	5		5	
1/4	1,775.74	1/4	1,527.55	1/4	1,279.35	1/4	1,031.14	1/4	782.94	1/4	535.49	1/4	287.34	1/4	39.17	1/4		1/4	
1/2	1,770.57	1/2	1,522.37	1/2	1,274.17	1/2	1,025.97	1/2	777.76	1/2	530.32	1/2	282.17	1/2	34.00	1/2		1/2	
3/4	1,765.40	3/4	1,517.20	3/4	1,269.00	3/4	1,020.80	3/4	772.59	3/4	525.16	3/4	277.00	3/4	28.83	3/4		3/4	
6	1,760.23	6	1,512.03	6	1,263.83	6	1,015.63	6	767.42	6	519.99	6	271.83	6	23.66	6		6	
1/4	1,755.06	1/4	1,506.86	1/4	1,258.66	1/4	1,010.46	1/4	762.26	1/4	514.82	1/4	266.66	1/4	19.70	1/4		1/4	
1/2	1,749.89	1/2	1,501.69	1/2	1,253.49	1/2	1,005.28	1/2	757.10	1/2	509.65	1/2	261.49	1/2	15.73	1/2		1/2	
3/4	1,744.72	3/4	1,496.52	3/4	1,248.32	3/4	1,000.11	3/4	751.94	3/4	504.48	3/4	256.32	3/4	11.77	3/4		3/4	
7	1,739.55	7	1,491.35	7	1,243.15	7	994.94	7	746.78	7	499.31	7	251.15	7	7.81	7		7	
1/4	1,734.38	1/4	1,486.18	1/4	1,237.98	1/4	989.77	1/4	741.63	1/4	494.14	1/4	245.98	1/4	6.09	1/4		1/4	
1/2	1,729.21	1/2	1,481.01	1/2	1,232.81	1/2	984.60	1/2	736.47	1/2	488.97	1/2	240.81	1/2	4.36	1/2		1/2	
3/4	1,724.04	3/4	1,475.84	3/4	1,227.64	3/4	979.43	3/4	731.32	3/4	483.81	3/4	235.64	3/4	2.64	3/4		3/4	
8	1,718.87	8	1,470.67	8	1,222.47	8	974.26	8	726.17	8	478.64	8	230.47	8	0.92	8		8	
1/4	1,713.70	1/4	1,465.50	1/4	1,217.30	1/4	969.09	1/4	721.02	1/4	473.47	1/4	225.30	1/4		1/4		1/4	
1/2	1,708.52	1/2	1,460.32	1/2	1,212.12	1/2	963.92	1/2	715.87	1/2	468.30	1/2	220.13	1/2		1/2		1/2	
3/4	1,703.35	3/4	1,455.15	3/4	1,206.95	3/4	958.75	3/4	710.72	3/4	463.13	3/4	214.96	3/4		3/4		3/4	
9	1,698.18	9	1,449.98	9	1,201.78	9	953.58	9	705.57	9	457.96	9	209.79	9		9		9	
1/4	1,693.01	1/4	1,444.81	1/4	1,196.61	1/4	948.41	1/4	700.42	1/4	452.79	1/4	204.62	1/4		1/4		1/4	
1/2	1,687.84	1/2	1,439.64	1/2	1,191.44	1/2	943.23	1/2	695.27	1/2	447.62	1/2	199.45	1/2		1/2		1/2	
3/4	1,682.67	3/4	1,434.47	3/4	1,186.27	3/4	938.06	3/4	690.12	3/4	442.45	3/4	194.28	3/4		3/4		3/4	
10	1,677.50	10	1,429.30	10	1,181.10	10	932.89	10	684.97	10	437.28	10	189.11	10		10		10	
1/4	1,672.33	1/4	1,424.13	1/4	1,175.93	1/4	927.72	1/4	679.82	1/4	432.11	1/4	183.94	1/4		1/4		1/4	
1/2	1,667.16	1/2	1,418.96	1/2	1,170.75	1/2	922.55	1/2	674.66	1/2	426.94	1/2	178.77	1/2		1/2		1/2	
3/4	1,661.99	3/4	1,413.79	3/4	1,165.58	3/4	917.38	3/4	669.51	3/4	421.77	3/4	173.60	3/4		3/4		3/4	
11	1,656.82	11	1,408.62	11	1,160.41	11	912.21	11	664.36	11	416.60	11	168.43	11		11		11	
1/4	1,651.65	1/4	1,403.45	1/4	1,155.24	1/4	907.04	1/4	659.21	1/4	411.43	1/4	163.26	1/4		1/4		1/4	
1/2	1,646.48	1/2	1,398.27	1/2	1,150.07	1/2	901.86	1/2	654.06	1/2	406.25	1/2	158.09	1/2		1/2		1/2	
3/4	1,641.31	3/4	1,393.10	3/4	1,144.90	3/4	896.69	3/4	648.91	3/4	401.08	3/4	152.92	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/03/2008 INT.
NAME CHANGE: 10/18/2023 JS
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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