



# BARGE "KIRBY 11528"

ULLAGE TRIM TABLE

FORMERLY "FMT 1044"

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

(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)

February 26, 2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS - 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"



# BARGE "KIRBY 11528"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 1044"

GAUGE HEIGHT 17'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,661.99	0	3,415.74	0	3,169.49	0	2,916.33	0	2,642.38	0	2,368.42
1/4		1/4		1/4		1/4	3,872.33	1/4	3,656.86	1/4	3,410.61	1/4	3,164.36	1/4	2,910.63	1/4	2,636.68	1/4	2,362.72
1/2		1/2		1/2		1/2	3,872.12	1/2	3,651.73	1/2	3,405.48	1/2	3,159.23	1/2	2,904.92	1/2	2,630.97	1/2	2,357.01
3/4		3/4		3/4		3/4	3,870.84	3/4	3,646.60	3/4	3,400.35	3/4	3,154.10	3/4	2,899.21	3/4	2,625.26	3/4	2,351.30
1		1		1		1	3,869.56	1	3,641.47	1	3,395.22	1	3,148.97	1	2,893.50	1	2,619.55	1	2,345.59
1/4		1/4		1/4		1/4	3,868.27	1/4	3,636.34	1/4	3,390.09	1/4	3,143.84	1/4	2,887.80	1/4	2,613.85	1/4	2,339.89
1/2		1/2		1/2		1/2	3,866.99	1/2	3,631.21	1/2	3,384.96	1/2	3,138.71	1/2	2,882.09	1/2	2,608.14	1/2	2,334.18
3/4		3/4		3/4		3/4	3,864.00	3/4	3,626.08	3/4	3,379.83	3/4	3,133.58	3/4	2,876.38	3/4	2,602.43	3/4	2,328.47
2		2		2		2	3,861.01	2	3,620.95	2	3,374.69	2	3,128.45	2	2,870.67	2	2,596.72	2	2,322.76
1/4		1/4		1/4		1/4	3,858.01	1/4	3,615.82	1/4	3,369.56	1/4	3,123.32	1/4	2,864.97	1/4	2,591.02	1/4	2,317.06
1/2		1/2		1/2		1/2	3,855.02	1/2	3,610.69	1/2	3,364.43	1/2	3,118.19	1/2	2,859.26	1/2	2,585.31	1/2	2,311.35
3/4		3/4		3/4		3/4	3,850.37	3/4	3,605.56	3/4	3,359.30	3/4	3,113.06	3/4	2,853.55	3/4	2,579.60	3/4	2,305.64
3		3		3		3	3,845.72	3	3,600.43	3	3,354.17	3	3,107.93	3	2,847.84	3	2,573.89	3	2,299.93
1/4		1/4		1/4		1/4	3,841.07	1/4	3,595.30	1/4	3,349.04	1/4	3,102.81	1/4	2,842.14	1/4	2,568.19	1/4	2,294.22
1/2		1/2		1/2		1/2	3,836.42	1/2	3,590.17	1/2	3,343.91	1/2	3,097.68	1/2	2,836.43	1/2	2,562.48	1/2	2,288.51
3/4		3/4		3/4		3/4	3,831.29	3/4	3,585.04	3/4	3,338.78	3/4	3,092.55	3/4	2,830.72	3/4	2,556.77	3/4	2,282.80
4		4		4		4	3,826.16	4	3,579.91	4	3,333.65	4	3,087.42	4	2,825.01	4	2,551.06	4	2,277.09
1/4		1/4		1/4		1/4	3,821.03	1/4	3,574.78	1/4	3,328.52	1/4	3,082.29	1/4	2,819.31	1/4	2,545.36	1/4	2,271.39
1/2		1/2		1/2		1/2	3,815.90	1/2	3,569.65	1/2	3,323.39	1/2	3,077.16	1/2	2,813.60	1/2	2,539.65	1/2	2,265.68
3/4		3/4		3/4		3/4	3,810.77	3/4	3,564.52	3/4	3,318.26	3/4	3,072.03	3/4	2,807.89	3/4	2,533.94	3/4	2,259.97
5		5		5		5	3,805.64	5	3,559.38	5	3,313.13	5	3,066.90	5	2,802.18	5	2,528.23	5	2,254.26
1/4		1/4		1/4		1/4	3,800.51	1/4	3,554.25	1/4	3,308.00	1/4	3,061.77	1/4	2,796.48	1/4	2,522.53	1/4	2,248.56
1/2		1/2		1/2		1/2	3,795.38	1/2	3,549.12	1/2	3,302.87	1/2	3,056.64	1/2	2,790.77	1/2	2,516.82	1/2	2,242.85
3/4		3/4		3/4		3/4	3,790.25	3/4	3,543.99	3/4	3,297.74	3/4	3,051.51	3/4	2,785.06	3/4	2,511.11	3/4	2,237.14
6		6		6		6	3,785.12	6	3,538.86	6	3,292.61	6	3,046.38	6	2,779.35	6	2,505.40	6	2,231.43
1/4		1/4		1/4		1/4	3,779.99	1/4	3,533.73	1/4	3,287.48	1/4	3,041.25	1/4	2,773.65	1/4	2,499.70	1/4	2,225.73
1/2		1/2		1/2		1/2	3,774.86	1/2	3,528.60	1/2	3,282.35	1/2	3,036.12	1/2	2,767.94	1/2	2,493.99	1/2	2,220.02
3/4		3/4		3/4		3/4	3,769.73	3/4	3,523.47	3/4	3,277.22	3/4	3,030.99	3/4	2,762.23	3/4	2,488.28	3/4	2,214.31
7		7		7		7	3,764.60	7	3,518.34	7	3,272.09	7	3,025.86	7	2,756.52	7	2,482.57	7	2,208.60
1/4		1/4		1/4		1/4	3,759.47	1/4	3,513.21	1/4	3,266.96	1/4	3,020.73	1/4	2,750.82	1/4	2,476.87	1/4	2,202.90
1/2		1/2		1/2		1/2	3,754.34	1/2	3,508.08	1/2	3,261.83	1/2	3,015.60	1/2	2,745.11	1/2	2,471.16	1/2	2,197.19
3/4		3/4		3/4		3/4	3,749.21	3/4	3,502.95	3/4	3,256.70	3/4	3,010.47	3/4	2,739.40	3/4	2,465.45	3/4	2,191.48
8		8		8		8	3,744.08	8	3,497.82	8	3,251.57	8	3,005.34	8	2,733.69	8	2,459.74	8	2,185.77
1/4		1/4		1/4		1/4	3,738.94	1/4	3,492.69	1/4	3,246.44	1/4	3,000.21	1/4	2,727.99	1/4	2,454.04	1/4	2,180.06
1/2		1/2		1/2		1/2	3,733.81	1/2	3,487.56	1/2	3,241.31	1/2	2,995.08	1/2	2,722.28	1/2	2,448.33	1/2	2,174.35
3/4		3/4		3/4		3/4	3,728.68	3/4	3,482.43	3/4	3,236.18	3/4	2,989.66	3/4	2,716.57	3/4	2,442.62	3/4	2,168.64
9		9		9		9	3,723.55	9	3,477.30	9	3,231.05	9	2,984.24	9	2,710.87	9	2,436.91	9	2,162.93
1/4		1/4		1/4		1/4	3,718.42	1/4	3,472.17	1/4	3,225.92	1/4	2,978.83	1/4	2,705.16	1/4	2,431.21	1/4	2,157.23
1/2		1/2		1/2		1/2	3,713.29	1/2	3,467.04	1/2	3,220.79	1/2	2,973.41	1/2	2,699.46	1/2	2,425.50	1/2	2,151.52
3/4		3/4		3/4		3/4	3,708.16	3/4	3,461.91	3/4	3,215.66	3/4	2,967.70	3/4	2,693.75	3/4	2,419.79	3/4	2,145.81
10		10		10		10	3,703.03	10	3,456.78	10	3,210.53	10	2,961.99	10	2,688.04	10	2,414.08	10	2,140.10
1/4		1/4		1/4		1/4	3,697.90	1/4	3,451.65	1/4	3,205.40	1/4	2,956.29	1/4	2,682.34	1/4	2,408.38	1/4	2,134.40
1/2		1/2		1/2		1/2	3,692.77	1/2	3,446.52	1/2	3,200.27	1/2	2,950.58	1/2	2,676.63	1/2	2,402.67	1/2	2,128.69
3/4		3/4		3/4		3/4	3,687.64	3/4	3,441.39	3/4	3,195.14	3/4	2,944.87	3/4	2,670.92	3/4	2,396.96	3/4	2,122.98
11		11		11		11	3,682.51	11	3,436.26	11	3,190.01	11	2,939.16	11	2,665.21	11	2,391.25	11	2,117.27
1/4		1/4		1/4		1/4	3,677.38	1/4	3,431.13	1/4	3,184.88	1/4	2,933.46	1/4	2,659.51	1/4	2,385.55	1/4	2,111.57
1/2		1/2		1/2		1/2	3,672.25	1/2	3,426.00	1/2	3,179.75	1/2	2,927.75	1/2	2,653.80	1/2	2,379.84	1/2	2,105.86
3/4		3/4		3/4		3/4	3,667.12	3/4	3,420.87	3/4	3,174.62	3/4	2,922.04	3/4	2,648.09	3/4	2,374.13	3/4	2,100.15

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 1'-0" OFF CENTERLINE AND 29'-10" 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 11528"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 1044"

GAUGE HEIGHT 17'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,094.44	0	1,820.46	0	1,546.46	0	1,272.47	0	998.48	0	724.88	0	451.28	0	177.32	0		0	
1/4	2,088.74	1/4	1,814.75	1/4	1,540.76	1/4	1,266.77	1/4	992.77	1/4	719.20	1/4	445.58	1/4	171.62	1/4		1/4	
1/2	2,083.03	1/2	1,809.04	1/2	1,535.05	1/2	1,261.06	1/2	987.06	1/2	713.51	1/2	439.87	1/2	165.91	1/2		1/2	
3/4	2,077.32	3/4	1,803.33	3/4	1,529.34	3/4	1,255.35	3/4	981.35	3/4	707.82	3/4	434.16	3/4	160.20	3/4		3/4	
1	2,071.61	1	1,797.62	1	1,523.63	1	1,249.64	1	975.64	1	702.13	1	428.45	1	154.49	1		1	
1/4	2,065.91	1/4	1,791.92	1/4	1,517.93	1/4	1,243.94	1/4	969.94	1/4	696.44	1/4	422.75	1/4	148.79	1/4		1/4	
1/2	2,060.20	1/2	1,786.21	1/2	1,512.22	1/2	1,238.23	1/2	964.23	1/2	690.75	1/2	417.04	1/2	143.08	1/2		1/2	
3/4	2,054.49	3/4	1,780.50	3/4	1,506.51	3/4	1,232.52	3/4	958.52	3/4	685.06	3/4	411.33	3/4	137.37	3/4		3/4	
2	2,048.78	2	1,774.79	2	1,500.80	2	1,226.81	2	952.81	2	679.37	2	405.62	2	131.66	2		2	
1/4	2,043.07	1/4	1,769.09	1/4	1,495.10	1/4	1,221.10	1/4	947.11	1/4	673.69	1/4	399.92	1/4	125.96	1/4		1/4	
1/2	2,037.36	1/2	1,763.38	1/2	1,489.39	1/2	1,215.39	1/2	941.40	1/2	668.00	1/2	394.21	1/2	120.25	1/2		1/2	
3/4	2,031.65	3/4	1,757.67	3/4	1,483.68	3/4	1,209.68	3/4	935.69	3/4	662.31	3/4	388.50	3/4	114.54	3/4		3/4	
3	2,025.94	3	1,751.96	3	1,477.97	3	1,203.97	3	929.98	3	656.62	3	382.79	3	108.83	3		3	
1/4	2,020.24	1/4	1,746.26	1/4	1,472.26	1/4	1,198.27	1/4	924.27	1/4	650.94	1/4	377.09	1/4	103.13	1/4		1/4	
1/2	2,014.53	1/2	1,740.55	1/2	1,466.55	1/2	1,192.56	1/2	918.56	1/2	645.25	1/2	371.38	1/2	97.42	1/2		1/2	
3/4	2,008.82	3/4	1,734.84	3/4	1,460.84	3/4	1,186.85	3/4	912.85	3/4	639.56	3/4	365.67	3/4	91.71	3/4		3/4	
4	2,003.11	4	1,729.13	4	1,455.13	4	1,181.14	4	907.14	4	633.87	4	359.96	4	86.00	4		4	
1/4	1,997.41	1/4	1,723.42	1/4	1,449.43	1/4	1,175.44	1/4	901.44	1/4	628.18	1/4	354.26	1/4	80.30	1/4		1/4	
1/2	1,991.70	1/2	1,717.71	1/2	1,443.72	1/2	1,169.73	1/2	895.73	1/2	622.49	1/2	348.55	1/2	74.59	1/2		1/2	
3/4	1,985.99	3/4	1,712.00	3/4	1,438.01	3/4	1,164.02	3/4	890.02	3/4	616.78	3/4	342.84	3/4	68.88	3/4		3/4	
5	1,980.28	5	1,706.29	5	1,432.30	5	1,158.31	5	884.31	5	611.08	5	337.13	5	63.17	5		5	
1/4	1,974.58	1/4	1,700.59	1/4	1,426.60	1/4	1,152.60	1/4	878.61	1/4	605.37	1/4	331.43	1/4	57.47	1/4		1/4	
1/2	1,968.87	1/2	1,694.88	1/2	1,420.89	1/2	1,146.89	1/2	872.90	1/2	599.67	1/2	325.72	1/2	51.76	1/2		1/2	
3/4	1,963.16	3/4	1,689.17	3/4	1,415.18	3/4	1,141.18	3/4	867.19	3/4	593.96	3/4	320.01	3/4	46.05	3/4		3/4	
6	1,957.45	6	1,683.46	6	1,409.47	6	1,135.47	6	861.48	6	588.25	6	314.30	6	40.34	6		6	
1/4	1,951.75	1/4	1,677.76	1/4	1,403.77	1/4	1,129.77	1/4	855.78	1/4	582.55	1/4	308.60	1/4	34.64	1/4		1/4	
1/2	1,946.04	1/2	1,672.05	1/2	1,398.06	1/2	1,124.06	1/2	850.07	1/2	576.84	1/2	302.89	1/2	28.93	1/2		1/2	
3/4	1,940.33	3/4	1,666.34	3/4	1,392.35	3/4	1,118.35	3/4	844.37	3/4	571.13	3/4	297.18	3/4	24.08	3/4		3/4	
7	1,934.62	7	1,660.63	7	1,386.64	7	1,112.64	7	838.67	7	565.42	7	291.47	7	19.23	7		7	
1/4	1,928.91	1/4	1,654.93	1/4	1,380.93	1/4	1,106.94	1/4	832.97	1/4	559.72	1/4	285.77	1/4	14.39	1/4		1/4	
1/2	1,923.20	1/2	1,649.22	1/2	1,375.22	1/2	1,101.23	1/2	827.27	1/2	554.01	1/2	280.06	1/2	9.54	1/2		1/2	
3/4	1,917.49	3/4	1,643.51	3/4	1,369.51	3/4	1,095.52	3/4	821.58	3/4	548.30	3/4	274.35	3/4	7.40	3/4		3/4	
8	1,911.78	8	1,637.80	8	1,363.80	8	1,089.81	8	815.89	8	542.60	8	268.64	8	5.26	8		8	
1/4	1,906.08	1/4	1,632.09	1/4	1,358.10	1/4	1,084.10	1/4	810.21	1/4	536.89	1/4	262.94	1/4	3.13	1/4		1/4	
1/2	1,900.37	1/2	1,626.38	1/2	1,352.39	1/2	1,078.39	1/2	804.52	1/2	531.19	1/2	257.23	1/2	0.99	1/2		1/2	
3/4	1,894.66	3/4	1,620.67	3/4	1,346.68	3/4	1,072.68	3/4	798.83	3/4	525.48	3/4	251.52	3/4		3/4		3/4	
9	1,888.95	9	1,614.96	9	1,340.97	9	1,066.97	9	793.14	9	519.77	9	245.81	9		9		9	
1/4	1,883.25	1/4	1,609.26	1/4	1,335.27	1/4	1,061.27	1/4	787.46	1/4	514.07	1/4	240.11	1/4		1/4		1/4	
1/2	1,877.54	1/2	1,603.55	1/2	1,329.56	1/2	1,055.56	1/2	781.77	1/2	508.36	1/2	234.40	1/2		1/2		1/2	
3/4	1,871.83	3/4	1,597.84	3/4	1,323.85	3/4	1,049.85	3/4	776.08	3/4	502.65	3/4	228.69	3/4		3/4		3/4	
10	1,866.12	10	1,592.13	10	1,318.14	10	1,044.14	10	770.39	10	496.94	10	222.98	10		10		10	
1/4	1,860.42	1/4	1,586.43	1/4	1,312.43	1/4	1,038.44	1/4	764.70	1/4	491.24	1/4	217.28	1/4		1/4		1/4	
1/2	1,854.71	1/2	1,580.72	1/2	1,306.72	1/2	1,032.73	1/2	759.01	1/2	485.53	1/2	211.57	1/2		1/2		1/2	
3/4	1,849.00	3/4	1,575.01	3/4	1,301.01	3/4	1,027.02	3/4	753.32	3/4	479.82	3/4	205.86	3/4		3/4		3/4	
11	1,843.29	11	1,569.30	11	1,295.30	11	1,021.31	11	747.63	11	474.11	11	200.15	11		11		11	
1/4	1,837.59	1/4	1,563.59	1/4	1,289.60	1/4	1,015.61	1/4	741.95	1/4	468.41	1/4	194.45	1/4		1/4		1/4	
1/2	1,831.88	1/2	1,557.88	1/2	1,283.89	1/2	1,009.90	1/2	736.26	1/2	462.70	1/2	188.74	1/2		1/2		1/2	
3/4	1,826.17	3/4	1,552.17	3/4	1,278.18	3/4	1,004.19	3/4	730.57	3/4	456.99	3/4	183.03	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED BY: 03/31/2009 INT.  
RECALCULATED: 02/26/2024 JS  
NAME CHANGE: 02/26/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024



# BARGE "KIRBY 11528"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 1044"

GAUGE HEIGHT 17'-08 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	3,612.65	0	3,390.15	0	3,141.30	0	2,892.45	0	2,643.63	0	2,394.80	0	2,145.98
1/4		1/4		1/4		1/4	3,612.21	1/4	3,384.96	1/4	3,136.11	1/4	2,887.26	1/4	2,638.44	1/4	2,389.62	1/4	2,140.79
1/2		1/2		1/2		1/2	3,610.48	1/2	3,379.78	1/2	3,130.93	1/2	2,882.08	1/2	2,633.26	1/2	2,384.44	1/2	2,135.61
3/4		3/4		3/4		3/4	3,608.76	3/4	3,374.59	3/4	3,125.74	3/4	2,876.90	3/4	2,628.08	3/4	2,379.25	3/4	2,130.42
1		1		1		1	3,607.03	1	3,369.41	1	3,120.56	1	2,871.71	1	2,622.89	1	2,374.07	1	2,125.24
1/4		1/4		1/4		1/4	3,605.30	1/4	3,364.22	1/4	3,115.37	1/4	2,866.53	1/4	2,617.71	1/4	2,368.88	1/4	2,120.05
1/2		1/2		1/2		1/2	3,601.85	1/2	3,359.04	1/2	3,110.19	1/2	2,861.35	1/2	2,612.53	1/2	2,363.70	1/2	2,114.87
3/4		3/4		3/4		3/4	3,598.39	3/4	3,353.86	3/4	3,105.00	3/4	2,856.16	3/4	2,607.34	3/4	2,358.52	3/4	2,109.68
2		2		2		2	3,594.94	2	3,348.67	2	3,099.82	2	2,850.98	2	2,602.16	2	2,353.33	2	2,104.50
1/4		1/4		1/4		1/4	3,591.48	1/4	3,343.49	1/4	3,094.63	1/4	2,845.79	1/4	2,596.97	1/4	2,348.15	1/4	2,099.31
1/2		1/2		1/2		1/2	3,586.51	1/2	3,338.31	1/2	3,089.45	1/2	2,840.61	1/2	2,591.79	1/2	2,342.97	1/2	2,094.13
3/4		3/4		3/4		3/4	3,581.54	3/4	3,333.12	3/4	3,084.27	3/4	2,835.43	3/4	2,586.60	3/4	2,337.78	3/4	2,088.95
3		3		3		3	3,576.57	3	3,327.94	3	3,079.08	3	2,830.24	3	2,581.42	3	2,332.60	3	2,083.76
1/4		1/4		1/4		1/4	3,571.60	1/4	3,322.75	1/4	3,073.90	1/4	2,825.06	1/4	2,576.23	1/4	2,327.41	1/4	2,078.58
1/2		1/2		1/2		1/2	3,566.42	1/2	3,317.57	1/2	3,068.72	1/2	2,819.88	1/2	2,571.05	1/2	2,322.23	1/2	2,073.40
3/4		3/4		3/4		3/4	3,561.23	3/4	3,312.38	3/4	3,063.53	3/4	2,814.69	3/4	2,565.87	3/4	2,317.05	3/4	2,068.21
4		4		4		4	3,556.05	4	3,307.20	4	3,058.35	4	2,809.51	4	2,560.68	4	2,311.86	4	2,063.03
1/4		1/4		1/4		1/4	3,550.86	1/4	3,302.01	1/4	3,053.16	1/4	2,804.32	1/4	2,555.50	1/4	2,306.68	1/4	2,057.84
1/2		1/2		1/2		1/2	3,545.68	1/2	3,296.83	1/2	3,047.98	1/2	2,799.14	1/2	2,550.32	1/2	2,301.50	1/2	2,052.66
3/4		3/4		3/4		3/4	3,540.50	3/4	3,291.64	3/4	3,042.79	3/4	2,793.96	3/4	2,545.13	3/4	2,296.31	3/4	2,047.47
5		5		5		5	3,535.31	5	3,286.46	5	3,037.61	5	2,788.77	5	2,539.95	5	2,291.13	5	2,042.29
1/4		1/4		1/4		1/4	3,530.13	1/4	3,281.27	1/4	3,032.42	1/4	2,783.59	1/4	2,534.76	1/4	2,285.94	1/4	2,037.10
1/2		1/2		1/2		1/2	3,524.95	1/2	3,276.09	1/2	3,027.24	1/2	2,778.41	1/2	2,529.58	1/2	2,280.76	1/2	2,031.92
3/4		3/4		3/4		3/4	3,519.76	3/4	3,270.91	3/4	3,022.05	3/4	2,773.22	3/4	2,524.40	3/4	2,275.58	3/4	2,026.73
6		6		6		6	3,514.58	6	3,265.72	6	3,016.87	6	2,768.04	6	2,519.21	6	2,270.39	6	2,021.55
1/4		1/4		1/4		1/4	3,509.39	1/4	3,260.54	1/4	3,011.68	1/4	2,762.85	1/4	2,514.03	1/4	2,265.21	1/4	2,016.36
1/2		1/2		1/2		1/2	3,504.21	1/2	3,255.36	1/2	3,006.50	1/2	2,757.67	1/2	2,508.85	1/2	2,260.03	1/2	2,011.18
3/4		3/4		3/4		3/4	3,499.02	3/4	3,250.17	3/4	3,001.31	3/4	2,752.49	3/4	2,503.66	3/4	2,254.84	3/4	2,006.00
7		7		7		7	3,493.84	7	3,244.99	7	2,996.13	7	2,747.30	7	2,498.48	7	2,249.66	7	2,000.81
1/4		1/4		1/4		1/4	3,488.65	1/4	3,239.80	1/4	2,990.94	1/4	2,742.12	1/4	2,493.29	1/4	2,244.47	1/4	1,995.63
1/2		1/2		1/2		1/2	3,483.47	1/2	3,234.62	1/2	2,985.76	1/2	2,736.94	1/2	2,488.11	1/2	2,239.29	1/2	1,990.45
3/4		3/4		3/4		3/4	3,478.28	3/4	3,229.43	3/4	2,980.58	3/4	2,731.75	3/4	2,482.93	3/4	2,234.10	3/4	1,985.26
8		8		8		8	3,473.10	8	3,224.25	8	2,975.39	8	2,726.57	8	2,477.74	8	2,228.92	8	1,980.08
1/4		1/4		1/4		1/4	3,467.91	1/4	3,219.06	1/4	2,970.21	1/4	2,721.38	1/4	2,472.56	1/4	2,223.73	1/4	1,974.89
1/2		1/2		1/2		1/2	3,462.73	1/2	3,213.88	1/2	2,965.03	1/2	2,716.20	1/2	2,467.38	1/2	2,218.55	1/2	1,969.71
3/4		3/4		3/4		3/4	3,457.55	3/4	3,208.69	3/4	2,959.84	3/4	2,711.02	3/4	2,462.19	3/4	2,213.37	3/4	1,964.52
9		9		9		9	3,452.36	9	3,203.51	9	2,954.66	9	2,705.83	9	2,457.01	9	2,208.18	9	1,959.34
1/4		1/4		1/4		1/4	3,447.18	1/4	3,198.32	1/4	2,949.47	1/4	2,700.65	1/4	2,451.82	1/4	2,203.00	1/4	1,954.15
1/2		1/2		1/2		1/2	3,442.00	1/2	3,193.14	1/2	2,944.29	1/2	2,695.47	1/2	2,446.64	1/2	2,197.82	1/2	1,948.97
3/4		3/4		3/4		3/4	3,436.81	3/4	3,187.95	3/4	2,939.10	3/4	2,690.28	3/4	2,441.46	3/4	2,192.63	3/4	1,943.78
10		10		10		10	3,431.63	10	3,182.77	10	2,933.92	10	2,685.10	10	2,436.27	10	2,187.45	10	1,938.60
1/4		1/4		1/4		1/4	3,426.44	1/4	3,177.58	1/4	2,928.73	1/4	2,679.91	1/4	2,431.09	1/4	2,182.26	1/4	1,933.41
1/2		1/2		1/2		1/2	3,421.26	1/2	3,172.40	1/2	2,923.55	1/2	2,674.73	1/2	2,425.91	1/2	2,177.08	1/2	1,928.23
3/4		3/4		3/4		3/4	3,416.07	3/4	3,167.22	3/4	2,918.37	3/4	2,669.55	3/4	2,420.72	3/4	2,171.90	3/4	1,923.04
11		11		11		11	3,410.89	11	3,162.03	11	2,913.18	11	2,664.36	11	2,415.54	11	2,166.71	11	1,917.86
1/4		1/4		1/4		1/4	3,405.70	1/4	3,156.85	1/4	2,908.00	1/4	2,659.18	1/4	2,410.35	1/4	2,161.53	1/4	1,912.67
1/2		1/2		1/2		1/2	3,400.52	1/2	3,151.67	1/2	2,902.82	1/2	2,654.00	1/2	2,405.17	1/2	2,156.35	1/2	1,907.49
3/4		3/4		3/4		3/4	3,613.08	3/4	3,395.33	3/4	3,146.48	3/4	2,897.63	3/4	2,648.81	3/4	2,151.16	3/4	1,902.31

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" OFF CENTERLINE AND 27'-08" 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 11528"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 1044"

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	1,897.12	0	1,648.27	0	1,399.41	0	1,150.55	0	901.68	0	653.23	0	404.75	0	155.92	0		0	
1/4	1,891.94	1/4	1,643.08	1/4	1,394.22	1/4	1,145.36	1/4	896.49	1/4	648.06	1/4	399.56	1/4	150.73	1/4		1/4	
1/2	1,886.76	1/2	1,637.90	1/2	1,389.04	1/2	1,140.18	1/2	891.31	1/2	642.90	1/2	394.38	1/2	145.55	1/2		1/2	
3/4	1,881.57	3/4	1,632.72	3/4	1,383.85	3/4	1,134.99	3/4	886.12	3/4	637.73	3/4	389.19	3/4	140.37	3/4		3/4	
1	1,876.39	1	1,627.53	1	1,378.67	1	1,129.81	1	880.94	1	632.57	1	384.01	1	135.18	1		1	
1/4	1,871.20	1/4	1,622.35	1/4	1,373.48	1/4	1,124.62	1/4	875.75	1/4	627.40	1/4	378.82	1/4	130.00	1/4		1/4	
1/2	1,866.02	1/2	1,617.17	1/2	1,368.30	1/2	1,119.44	1/2	870.57	1/2	622.24	1/2	373.64	1/2	124.82	1/2		1/2	
3/4	1,860.83	3/4	1,611.98	3/4	1,363.11	3/4	1,114.25	3/4	865.38	3/4	617.08	3/4	368.46	3/4	119.63	3/4		3/4	
2	1,855.65	2	1,606.80	2	1,357.93	2	1,109.07	2	860.20	2	611.91	2	363.27	2	114.45	2		2	
1/4	1,850.46	1/4	1,601.61	1/4	1,352.74	1/4	1,103.88	1/4	855.01	1/4	606.75	1/4	358.09	1/4	109.26	1/4		1/4	
1/2	1,845.28	1/2	1,596.43	1/2	1,347.56	1/2	1,098.70	1/2	849.83	1/2	601.59	1/2	352.91	1/2	104.08	1/2		1/2	
3/4	1,840.09	3/4	1,591.24	3/4	1,342.38	3/4	1,093.51	3/4	844.64	3/4	596.42	3/4	347.72	3/4	98.89	3/4		3/4	
3	1,834.91	3	1,586.06	3	1,337.19	3	1,088.33	3	839.46	3	591.26	3	342.54	3	93.71	3		3	
1/4	1,829.72	1/4	1,580.87	1/4	1,332.01	1/4	1,083.14	1/4	834.27	1/4	586.09	1/4	337.35	1/4	88.52	1/4		1/4	
1/2	1,824.54	1/2	1,575.69	1/2	1,326.83	1/2	1,077.96	1/2	829.09	1/2	580.93	1/2	332.17	1/2	83.34	1/2		1/2	
3/4	1,819.36	3/4	1,570.50	3/4	1,321.64	3/4	1,072.77	3/4	823.91	3/4	575.76	3/4	326.99	3/4	78.16	3/4		3/4	
4	1,814.17	4	1,565.32	4	1,316.46	4	1,067.59	4	818.72	4	570.60	4	321.80	4	72.97	4		4	
1/4	1,808.99	1/4	1,560.13	1/4	1,311.27	1/4	1,062.40	1/4	813.54	1/4	565.43	1/4	316.62	1/4	67.79	1/4		1/4	
1/2	1,803.81	1/2	1,554.95	1/2	1,306.09	1/2	1,057.22	1/2	808.36	1/2	560.25	1/2	311.44	1/2	62.61	1/2		1/2	
3/4	1,798.62	3/4	1,549.76	3/4	1,300.90	3/4	1,052.03	3/4	803.17	3/4	555.07	3/4	306.25	3/4	57.42	3/4		3/4	
5	1,793.44	5	1,544.58	5	1,295.72	5	1,046.85	5	797.99	5	549.88	5	301.07	5	52.24	5		5	
1/4	1,788.25	1/4	1,539.39	1/4	1,290.53	1/4	1,041.66	1/4	792.80	1/4	544.70	1/4	295.88	1/4	47.05	1/4		1/4	
1/2	1,783.07	1/2	1,534.21	1/2	1,285.35	1/2	1,036.48	1/2	787.62	1/2	539.52	1/2	290.70	1/2	41.87	1/2		1/2	
3/4	1,777.88	3/4	1,529.02	3/4	1,280.16	3/4	1,031.29	3/4	782.43	3/4	534.33	3/4	285.52	3/4	36.69	3/4		3/4	
6	1,772.70	6	1,523.84	6	1,274.98	6	1,026.11	6	777.25	6	529.15	6	280.33	6	31.50	6		6	
1/4	1,767.51	1/4	1,518.65	1/4	1,269.79	1/4	1,020.92	1/4	772.06	1/4	523.96	1/4	275.15	1/4	26.32	1/4		1/4	
1/2	1,762.33	1/2	1,513.47	1/2	1,264.61	1/2	1,015.74	1/2	766.89	1/2	518.78	1/2	269.97	1/2	21.92	1/2		1/2	
3/4	1,757.14	3/4	1,508.28	3/4	1,259.42	3/4	1,010.56	3/4	761.71	3/4	513.60	3/4	264.78	3/4	17.53	3/4		3/4	
7	1,751.96	7	1,503.10	7	1,254.24	7	1,005.37	7	756.54	7	508.41	7	259.60	7	13.13	7		7	
1/4	1,746.77	1/4	1,497.91	1/4	1,249.05	1/4	1,000.19	1/4	751.36	1/4	503.23	1/4	254.41	1/4	8.73	1/4		1/4	
1/2	1,741.59	1/2	1,492.73	1/2	1,243.87	1/2	995.01	1/2	746.20	1/2	498.05	1/2	249.23	1/2	6.79	1/2		1/2	
3/4	1,736.40	3/4	1,487.55	3/4	1,238.68	3/4	989.82	3/4	741.03	3/4	492.87	3/4	244.04	3/4	4.84	3/4		3/4	
8	1,731.22	8	1,482.36	8	1,233.50	8	984.64	8	735.87	8	487.68	8	238.86	8	2.90	8		8	
1/4	1,726.03	1/4	1,477.18	1/4	1,228.31	1/4	979.45	1/4	730.70	1/4	482.50	1/4	233.67	1/4	0.95	1/4		1/4	
1/2	1,720.85	1/2	1,472.00	1/2	1,223.13	1/2	974.27	1/2	725.54	1/2	477.32	1/2	228.49	1/2		1/2		1/2	
3/4	1,715.67	3/4	1,466.81	3/4	1,217.94	3/4	969.08	3/4	720.37	3/4	472.14	3/4	223.31	3/4		3/4		3/4	
9	1,710.48	9	1,461.63	9	1,212.76	9	963.90	9	715.21	9	466.95	9	218.12	9		9		9	
1/4	1,705.30	1/4	1,456.44	1/4	1,207.57	1/4	958.71	1/4	710.04	1/4	461.77	1/4	212.94	1/4		1/4		1/4	
1/2	1,700.12	1/2	1,451.26	1/2	1,202.39	1/2	953.53	1/2	704.88	1/2	456.59	1/2	207.76	1/2		1/2		1/2	
3/4	1,694.93	3/4	1,446.07	3/4	1,197.20	3/4	948.34	3/4	699.71	3/4	451.40	3/4	202.57	3/4		3/4		3/4	
10	1,689.75	10	1,440.89	10	1,192.02	10	943.16	10	694.55	10	446.22	10	197.39	10		10		10	
1/4	1,684.56	1/4	1,435.70	1/4	1,186.83	1/4	937.97	1/4	689.38	1/4	441.03	1/4	192.20	1/4		1/4		1/4	
1/2	1,679.38	1/2	1,430.52	1/2	1,181.65	1/2	932.79	1/2	684.22	1/2	435.85	1/2	187.02	1/2		1/2		1/2	
3/4	1,674.19	3/4	1,425.33	3/4	1,176.47	3/4	927.60	3/4	679.05	3/4	430.67	3/4	181.84	3/4		3/4		3/4	
11	1,669.01	11	1,420.15	11	1,171.28	11	922.42	11	673.89	11	425.48	11	176.65	11		11		11	
1/4	1,663.82	1/4	1,414.96	1/4	1,166.10	1/4	917.23	1/4	668.72	1/4	420.30	1/4	171.47	1/4		1/4		1/4	
1/2	1,658.64	1/2	1,409.78	1/2	1,160.92	1/2	912.05	1/2	663.56	1/2	415.12	1/2	166.29	1/2		1/2		1/2	
3/4	1,653.45	3/4	1,404.59	3/4	1,155.73	3/4	906.86	3/4	658.39	3/4	409.93	3/4	161.10	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED BY: 03/31/2009 INT.  
RECALCULATED: 02/26/2024 JS  
NAME CHANGE: 02/26/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024



# BARGE "KIRBY 11528"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 1044"

GAUGE HEIGHT 17'-08"

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	3,365.43	0	3,118.01	0	2,870.61	0	2,623.22	0	2,375.83	0	2,128.44
1/4		1/4		1/4		1/4	3,581.92	1/4	3,360.28	1/4	3,112.86	1/4	2,865.46	1/4	2,618.07	1/4	2,370.68	1/4	2,123.29
1/2		1/2		1/2		1/2	3,581.15	1/2	3,355.12	1/2	3,107.71	1/2	2,860.30	1/2	2,612.91	1/2	2,365.52	1/2	2,118.13
3/4		3/4		3/4		3/4	3,580.37	3/4	3,349.97	3/4	3,102.55	3/4	2,855.15	3/4	2,607.76	3/4	2,360.37	3/4	2,112.98
1		1		1		1	3,579.60	1	3,344.81	1	3,097.40	1	2,849.99	1	2,602.60	1	2,355.21	1	2,107.82
1/4		1/4		1/4		1/4	3,577.03	1/4	3,339.66	1/4	3,092.25	1/4	2,844.84	1/4	2,597.45	1/4	2,350.06	1/4	2,102.67
1/2		1/2		1/2		1/2	3,574.45	1/2	3,334.51	1/2	3,087.09	1/2	2,839.68	1/2	2,592.30	1/2	2,344.91	1/2	2,097.51
3/4		3/4		3/4		3/4	3,571.88	3/4	3,329.35	3/4	3,081.94	3/4	2,834.53	3/4	2,587.14	3/4	2,339.75	3/4	2,092.36
2		2		2		2	3,569.30	2	3,324.20	2	3,076.78	2	2,829.37	2	2,581.99	2	2,334.60	2	2,087.20
1/4		1/4		1/4		1/4	3,564.73	1/4	3,319.05	1/4	3,071.63	1/4	2,824.22	1/4	2,576.84	1/4	2,329.45	1/4	2,082.05
1/2		1/2		1/2		1/2	3,560.15	1/2	3,313.89	1/2	3,066.47	1/2	2,819.07	1/2	2,571.68	1/2	2,324.29	1/2	2,076.89
3/4		3/4		3/4		3/4	3,555.58	3/4	3,308.74	3/4	3,061.32	3/4	2,813.91	3/4	2,566.53	3/4	2,319.14	3/4	2,071.74
3		3		3		3	3,551.00	3	3,303.58	3	3,056.16	3	2,808.76	3	2,561.37	3	2,313.98	3	2,066.58
1/4		1/4		1/4		1/4	3,545.85	1/4	3,298.43	1/4	3,051.01	1/4	2,803.61	1/4	2,556.22	1/4	2,308.83	1/4	2,061.43
1/2		1/2		1/2		1/2	3,540.69	1/2	3,293.27	1/2	3,045.85	1/2	2,798.45	1/2	2,551.07	1/2	2,303.68	1/2	2,056.28
3/4		3/4		3/4		3/4	3,535.54	3/4	3,288.12	3/4	3,040.70	3/4	2,793.30	3/4	2,545.91	3/4	2,298.52	3/4	2,051.12
4		4		4		4	3,530.38	4	3,282.96	4	3,035.54	4	2,788.14	4	2,540.76	4	2,293.37	4	2,045.97
1/4		1/4		1/4		1/4	3,525.23	1/4	3,277.81	1/4	3,030.39	1/4	2,782.99	1/4	2,535.61	1/4	2,288.22	1/4	2,040.82
1/2		1/2		1/2		1/2	3,520.07	1/2	3,272.65	1/2	3,025.23	1/2	2,777.84	1/2	2,530.45	1/2	2,283.06	1/2	2,035.66
3/4		3/4		3/4		3/4	3,514.92	3/4	3,267.50	3/4	3,020.08	3/4	2,772.68	3/4	2,525.30	3/4	2,277.91	3/4	2,030.51
5		5		5		5	3,509.76	5	3,262.34	5	3,014.92	5	2,767.53	5	2,520.14	5	2,272.75	5	2,025.35
1/4		1/4		1/4		1/4	3,504.61	1/4	3,257.19	1/4	3,009.77	1/4	2,762.38	1/4	2,514.99	1/4	2,267.60	1/4	2,020.20
1/2		1/2		1/2		1/2	3,499.45	1/2	3,252.03	1/2	3,004.62	1/2	2,757.22	1/2	2,509.83	1/2	2,262.45	1/2	2,015.04
3/4		3/4		3/4		3/4	3,494.30	3/4	3,246.88	3/4	2,999.46	3/4	2,752.07	3/4	2,504.68	3/4	2,257.29	3/4	2,009.89
6		6		6		6	3,489.14	6	3,241.72	6	2,994.31	6	2,746.91	6	2,499.52	6	2,252.14	6	2,004.73
1/4		1/4		1/4		1/4	3,483.99	1/4	3,236.57	1/4	2,989.16	1/4	2,741.76	1/4	2,494.37	1/4	2,246.99	1/4	1,999.58
1/2		1/2		1/2		1/2	3,478.83	1/2	3,231.42	1/2	2,984.00	1/2	2,736.61	1/2	2,489.22	1/2	2,241.83	1/2	1,994.42
3/4		3/4		3/4		3/4	3,473.68	3/4	3,226.26	3/4	2,978.85	3/4	2,731.45	3/4	2,484.06	3/4	2,236.68	3/4	1,989.27
7		7		7		7	3,468.52	7	3,221.11	7	2,973.69	7	2,726.30	7	2,478.91	7	2,231.52	7	1,984.11
1/4		1/4		1/4		1/4	3,463.37	1/4	3,215.96	1/4	2,968.54	1/4	2,721.15	1/4	2,473.76	1/4	2,226.37	1/4	1,978.96
1/2		1/2		1/2		1/2	3,458.22	1/2	3,210.80	1/2	2,963.38	1/2	2,715.99	1/2	2,468.60	1/2	2,221.21	1/2	1,973.80
3/4		3/4		3/4		3/4	3,453.06	3/4	3,205.65	3/4	2,958.23	3/4	2,710.84	3/4	2,463.45	3/4	2,216.06	3/4	1,968.65
8		8		8		8	3,447.91	8	3,200.49	8	2,953.07	8	2,705.68	8	2,458.29	8	2,210.90	8	1,963.49
1/4		1/4		1/4		1/4	3,442.76	1/4	3,195.34	1/4	2,947.92	1/4	2,700.53	1/4	2,453.14	1/4	2,205.75	1/4	1,958.34
1/2		1/2		1/2		1/2	3,437.60	1/2	3,190.18	1/2	2,942.76	1/2	2,695.37	1/2	2,447.99	1/2	2,200.60	1/2	1,953.18
3/4		3/4		3/4		3/4	3,432.45	3/4	3,185.03	3/4	2,937.61	3/4	2,690.22	3/4	2,442.83	3/4	2,195.44	3/4	1,948.03
9		9		9		9	3,427.29	9	3,179.87	9	2,932.45	9	2,685.06	9	2,437.68	9	2,190.29	9	1,942.87
1/4		1/4		1/4		1/4	3,422.14	1/4	3,174.72	1/4	2,927.30	1/4	2,679.91	1/4	2,432.53	1/4	2,185.14	1/4	1,937.72
1/2		1/2		1/2		1/2	3,416.98	1/2	3,169.56	1/2	2,922.15	1/2	2,674.76	1/2	2,427.37	1/2	2,179.98	1/2	1,932.57
3/4		3/4		3/4		3/4	3,411.83	3/4	3,164.41	3/4	2,916.99	3/4	2,669.60	3/4	2,422.22	3/4	2,174.83	3/4	1,927.41
10		10		10		10	3,406.67	10	3,159.25	10	2,911.84	10	2,664.45	10	2,417.06	10	2,169.67	10	1,922.26
1/4		1/4		1/4		1/4	3,401.52	1/4	3,154.10	1/4	2,906.69	1/4	2,659.30	1/4	2,411.91	1/4	2,164.52	1/4	1,917.11
1/2		1/2		1/2		1/2	3,396.36	1/2	3,148.94	1/2	2,901.53	1/2	2,654.14	1/2	2,406.76	1/2	2,159.37	1/2	1,911.95
3/4		3/4		3/4		3/4	3,391.21	3/4	3,143.79	3/4	2,896.38	3/4	2,648.99	3/4	2,401.60	3/4	2,154.21	3/4	1,906.80
11		11		11		11	3,386.05	11	3,138.63	11	2,891.22	11	2,643.83	11	2,396.45	11	2,149.06	11	1,901.64
1/4		1/4		1/4		1/4	3,380.90	1/4	3,133.48	1/4	2,886.07	1/4	2,638.68	1/4	2,391.30	1/4	2,143.91	1/4	1,896.49
1/2		1/2		1/2		1/2	3,375.74	1/2	3,128.32	1/2	2,880.92	1/2	2,633.53	1/2	2,386.14	1/2	2,138.75	1/2	1,891.33
3/4		3/4		3/4		3/4	3,370.59	3/4	3,123.17	3/4	2,875.76	3/4	2,628.37	3/4	2,380.99	3/4	2,133.60	3/4	1,886.18

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" OFF CENTERLINE AND 27'-03" 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 11528"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 1044"

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	1,881.02	0	1,633.60	0	1,386.18	0	1,138.75	0	891.32	0	644.33	0	397.26	0	149.86	0		0	
1/4	1,875.87	1/4	1,628.45	1/4	1,381.03	1/4	1,133.60	1/4	886.17	1/4	639.20	1/4	392.11	1/4	144.71	1/4		1/4	
1/2	1,870.71	1/2	1,623.29	1/2	1,375.87	1/2	1,128.44	1/2	881.01	1/2	634.06	1/2	386.95	1/2	139.56	1/2		1/2	
3/4	1,865.56	3/4	1,618.14	3/4	1,370.72	3/4	1,123.29	3/4	875.86	3/4	628.93	3/4	381.80	3/4	134.40	3/4		3/4	
1	1,860.40	1	1,612.98	1	1,365.56	1	1,118.13	1	870.70	1	623.79	1	376.64	1	129.25	1		1	
1/4	1,855.25	1/4	1,607.83	1/4	1,360.41	1/4	1,112.98	1/4	865.55	1/4	618.66	1/4	371.49	1/4	124.10	1/4		1/4	
1/2	1,850.09	1/2	1,602.68	1/2	1,355.25	1/2	1,107.82	1/2	860.39	1/2	613.52	1/2	366.33	1/2	118.94	1/2		1/2	
3/4	1,844.94	3/4	1,597.52	3/4	1,350.10	3/4	1,102.67	3/4	855.24	3/4	608.39	3/4	361.18	3/4	113.79	3/4		3/4	
2	1,839.78	2	1,592.37	2	1,344.94	2	1,097.51	2	850.08	2	603.25	2	356.02	2	108.63	2		2	
1/4	1,834.63	1/4	1,587.22	1/4	1,339.79	1/4	1,092.36	1/4	844.93	1/4	598.12	1/4	350.87	1/4	103.48	1/4		1/4	
1/2	1,829.48	1/2	1,582.06	1/2	1,334.63	1/2	1,087.20	1/2	839.77	1/2	592.98	1/2	345.72	1/2	98.33	1/2		1/2	
3/4	1,824.32	3/4	1,576.91	3/4	1,329.48	3/4	1,082.05	3/4	834.62	3/4	587.85	3/4	340.56	3/4	93.17	3/4		3/4	
3	1,819.17	3	1,571.75	3	1,324.32	3	1,076.89	3	829.46	3	582.71	3	335.41	3	88.02	3		3	
1/4	1,814.02	1/4	1,566.60	1/4	1,319.17	1/4	1,071.74	1/4	824.31	1/4	577.58	1/4	330.26	1/4	82.87	1/4		1/4	
1/2	1,808.86	1/2	1,561.44	1/2	1,314.01	1/2	1,066.58	1/2	819.15	1/2	572.44	1/2	325.10	1/2	77.71	1/2		1/2	
3/4	1,803.71	3/4	1,556.29	3/4	1,308.86	3/4	1,061.43	3/4	814.00	3/4	567.31	3/4	319.95	3/4	72.56	3/4		3/4	
4	1,798.55	4	1,551.13	4	1,303.70	4	1,056.27	4	808.84	4	562.17	4	314.79	4	67.40	4		4	
1/4	1,793.40	1/4	1,545.98	1/4	1,298.55	1/4	1,051.12	1/4	803.69	1/4	557.02	1/4	309.64	1/4	62.25	1/4		1/4	
1/2	1,788.24	1/2	1,540.82	1/2	1,293.39	1/2	1,045.96	1/2	798.53	1/2	551.86	1/2	304.49	1/2	57.09	1/2		1/2	
3/4	1,783.09	3/4	1,535.67	3/4	1,288.24	3/4	1,040.81	3/4	793.38	3/4	546.71	3/4	299.33	3/4	51.94	3/4		3/4	
5	1,777.93	5	1,530.51	5	1,283.08	5	1,035.65	5	788.22	5	541.55	5	294.18	5	46.78	5		5	
1/4	1,772.78	1/4	1,525.36	1/4	1,277.93	1/4	1,030.50	1/4	783.07	1/4	536.40	1/4	289.03	1/4	41.63	1/4		1/4	
1/2	1,767.62	1/2	1,520.20	1/2	1,272.77	1/2	1,025.34	1/2	777.91	1/2	531.25	1/2	283.87	1/2	36.48	1/2		1/2	
3/4	1,762.47	3/4	1,515.05	3/4	1,267.62	3/4	1,020.19	3/4	772.76	3/4	526.09	3/4	278.72	3/4	31.32	3/4		3/4	
6	1,757.31	6	1,509.89	6	1,262.46	6	1,015.03	6	767.60	6	520.94	6	273.56	6	26.17	6		6	
1/4	1,752.16	1/4	1,504.74	1/4	1,257.31	1/4	1,009.88	1/4	762.46	1/4	515.79	1/4	268.41	1/4	21.80	1/4		1/4	
1/2	1,747.00	1/2	1,499.58	1/2	1,252.15	1/2	1,004.72	1/2	757.31	1/2	510.64	1/2	263.25	1/2	17.43	1/2		1/2	
3/4	1,741.85	3/4	1,494.43	3/4	1,247.00	3/4	999.57	3/4	752.17	3/4	505.48	3/4	258.10	3/4	13.05	3/4		3/4	
7	1,736.69	7	1,489.27	7	1,241.84	7	994.41	7	747.02	7	500.33	7	252.94	7	8.68	7		7	
1/4	1,731.54	1/4	1,484.12	1/4	1,236.69	1/4	989.26	1/4	741.89	1/4	495.18	1/4	247.79	1/4	6.75	1/4		1/4	
1/2	1,726.39	1/2	1,478.96	1/2	1,231.53	1/2	984.10	1/2	736.75	1/2	490.03	1/2	242.64	1/2	4.82	1/2		1/2	
3/4	1,721.23	3/4	1,473.81	3/4	1,226.38	3/4	978.95	3/4	731.62	3/4	484.87	3/4	237.48	3/4	2.88	3/4		3/4	
8	1,716.08	8	1,468.65	8	1,221.22	8	973.79	8	726.48	8	479.72	8	232.33	8	0.95	8		8	
1/4	1,710.93	1/4	1,463.50	1/4	1,216.07	1/4	968.64	1/4	721.35	1/4	474.57	1/4	227.18	1/4		1/4		1/4	
1/2	1,705.77	1/2	1,458.34	1/2	1,210.92	1/2	963.48	1/2	716.21	1/2	469.42	1/2	222.02	1/2		1/2		1/2	
3/4	1,700.62	3/4	1,453.19	3/4	1,205.76	3/4	958.33	3/4	711.08	3/4	464.26	3/4	216.87	3/4		3/4		3/4	
9	1,695.46	9	1,448.03	9	1,200.61	9	953.17	9	705.94	9	459.11	9	211.71	9		9		9	
1/4	1,690.31	1/4	1,442.88	1/4	1,195.46	1/4	948.02	1/4	700.81	1/4	453.96	1/4	206.56	1/4		1/4		1/4	
1/2	1,685.15	1/2	1,437.72	1/2	1,190.30	1/2	942.87	1/2	695.67	1/2	448.80	1/2	201.41	1/2		1/2		1/2	
3/4	1,680.00	3/4	1,432.57	3/4	1,185.15	3/4	937.71	3/4	690.54	3/4	443.65	3/4	196.25	3/4		3/4		3/4	
10	1,674.84	10	1,427.41	10	1,179.99	10	932.56	10	685.40	10	438.49	10	191.10	10		10		10	
1/4	1,669.69	1/4	1,422.26	1/4	1,174.84	1/4	927.41	1/4	680.27	1/4	433.34	1/4	185.95	1/4		1/4		1/4	
1/2	1,664.53	1/2	1,417.10	1/2	1,169.68	1/2	922.25	1/2	675.13	1/2	428.18	1/2	180.79	1/2		1/2		1/2	
3/4	1,659.38	3/4	1,411.95	3/4	1,164.53	3/4	917.10	3/4	670.00	3/4	423.03	3/4	175.64	3/4		3/4		3/4	
11	1,654.22	11	1,406.79	11	1,159.37	11	911.94	11	664.86	11	417.87	11	170.48	11		11		11	
1/4	1,649.07	1/4	1,401.64	1/4	1,154.22	1/4	906.79	1/4	659.73	1/4	412.72	1/4	165.33	1/4		1/4		1/4	
1/2	1,643.91	1/2	1,396.49	1/2	1,149.06	1/2	901.63	1/2	654.60	1/2	407.57	1/2	160.17	1/2		1/2		1/2	
3/4	1,638.76	3/4	1,391.33	3/4	1,143.91	3/4	896.48	3/4	649.46	3/4	402.41	3/4	155.02	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED BY: 03/31/2009 INT.  
RECALCULATED: 02/26/2024 JS  
NAME CHANGE: 02/26/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024