



BARGE "KIRBY 11007"

ULLAGE TRIM TABLE
FORMERLY "FMT 1088"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 138'-00"

October 27, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 11007"

1 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1088"

GAUGE HEIGHT 17'-08 3/4"

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		0	3,675.89	0	3,428.79	0	3,181.70	0	2,918.94	0	2,644.81	0	2,370.69		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,885.89	1/4	3,670.75	1/4	3,423.65	1/4	3,176.55	1/4	2,913.23	1/4	2,639.10	1/4	2,364.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,885.51	1/2	3,665.60	1/2	3,418.50	1/2	3,171.40	1/2	2,907.52	1/2	2,633.39	1/2	2,359.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,885.14	3/4	3,660.45	3/4	3,413.35	3/4	3,166.25	3/4	2,901.81	3/4	2,627.68	3/4	2,353.56
1		1		1		1		1	3,883.57	1	3,655.30	1	3,408.20	1	3,161.10	1	2,896.10	1	2,621.97	1	2,347.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,882.00	1/4	3,650.15	1/4	3,403.06	1/4	3,155.96	1/4	2,890.39	1/4	2,616.26	1/4	2,342.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,880.43	1/2	3,645.01	1/2	3,397.91	1/2	3,150.81	1/2	2,884.68	1/2	2,610.55	1/2	2,336.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,878.86	3/4	3,639.86	3/4	3,392.76	3/4	3,145.66	3/4	2,878.97	3/4	2,604.84	3/4	2,330.73
2		2		2		2		2	3,875.38	2	3,634.71	2	3,387.61	2	3,140.51	2	2,873.25	2	2,599.13	2	2,325.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,871.90	1/4	3,629.56	1/4	3,382.46	1/4	3,135.36	1/4	2,867.54	1/4	2,593.42	1/4	2,319.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,868.42	1/2	3,624.42	1/2	3,377.32	1/2	3,130.22	1/2	2,861.83	1/2	2,587.70	1/2	2,313.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,864.94	3/4	3,619.27	3/4	3,372.17	3/4	3,125.07	3/4	2,856.12	3/4	2,581.99	3/4	2,307.90
3		3		3		3		3	3,860.15	3	3,614.12	3	3,367.02	3	3,119.92	3	2,850.41	3	2,576.28	3	2,302.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,855.36	1/4	3,608.97	1/4	3,361.87	1/4	3,114.77	1/4	2,844.70	1/4	2,570.57	1/4	2,296.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,850.57	1/2	3,603.82	1/2	3,356.72	1/2	3,109.63	1/2	2,838.99	1/2	2,564.86	1/2	2,290.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,845.77	3/4	3,598.68	3/4	3,351.58	3/4	3,104.48	3/4	2,833.28	3/4	2,559.15	3/4	2,285.07
4		4		4		4		4	3,840.63	4	3,593.53	4	3,346.43	4	3,099.33	4	2,827.57	4	2,553.44	4	2,279.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,835.48	1/4	3,588.38	1/4	3,341.28	1/4	3,094.18	1/4	2,821.86	1/4	2,547.73	1/4	2,273.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,830.33	1/2	3,583.23	1/2	3,336.13	1/2	3,089.03	1/2	2,816.14	1/2	2,542.02	1/2	2,267.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,825.18	3/4	3,578.08	3/4	3,330.98	3/4	3,083.89	3/4	2,810.43	3/4	2,536.31	3/4	2,262.24
5		5		5		5		5	3,820.04	5	3,572.94	5	3,325.84	5	3,078.38	5	2,804.72	5	2,530.59	5	2,256.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,814.89	1/4	3,567.79	1/4	3,320.69	1/4	3,072.87	1/4	2,799.01	1/4	2,524.88	1/4	2,250.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,809.74	1/2	3,562.64	1/2	3,315.54	1/2	3,067.36	1/2	2,793.30	1/2	2,519.17	1/2	2,245.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,804.59	3/4	3,557.49	3/4	3,310.39	3/4	3,061.85	3/4	2,787.59	3/4	2,513.46	3/4	2,239.41
6		6		6		6		6	3,799.44	6	3,552.34	6	3,305.25	6	3,056.12	6	2,781.88	6	2,507.75	6	2,233.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,794.30	1/4	3,547.20	1/4	3,300.10	1/4	3,050.40	1/4	2,776.17	1/4	2,502.04	1/4	2,227.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,789.15	1/2	3,542.05	1/2	3,294.95	1/2	3,044.67	1/2	2,770.46	1/2	2,496.33	1/2	2,222.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,784.00	3/4	3,536.90	3/4	3,289.80	3/4	3,038.95	3/4	2,764.75	3/4	2,490.62	3/4	2,216.57
7		7		7		7		7	3,778.85	7	3,531.75	7	3,284.65	7	3,033.22	7	2,759.03	7	2,484.91	7	2,210.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,773.70	1/4	3,526.61	1/4	3,279.51	1/4	3,027.50	1/4	2,753.32	1/4	2,479.20	1/4	2,205.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,768.56	1/2	3,521.46	1/2	3,274.36	1/2	3,021.77	1/2	2,747.61	1/2	2,473.48	1/2	2,199.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,763.41	3/4	3,516.31	3/4	3,269.21	3/4	3,016.05	3/4	2,741.90	3/4	2,467.77	3/4	2,193.75
8		8		8		8		8	3,758.26	8	3,511.16	8	3,264.06	8	3,010.33	8	2,736.19	8	2,462.06	8	2,188.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,753.11	1/4	3,506.01	1/4	3,258.91	1/4	3,004.62	1/4	2,730.48	1/4	2,456.35	1/4	2,182.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,747.96	1/2	3,500.87	1/2	3,253.77	1/2	2,998.90	1/2	2,724.77	1/2	2,450.64	1/2	2,176.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,742.82	3/4	3,495.72	3/4	3,248.62	3/4	2,993.19	3/4	2,719.06	3/4	2,444.93	3/4	2,170.94
9		9		9		9		9	3,737.67	9	3,490.57	9	3,243.47	9	2,987.47	9	2,713.35	9	2,439.22	9	2,165.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,732.52	1/4	3,485.42	1/4	3,238.32	1/4	2,981.76	1/4	2,707.64	1/4	2,433.51	1/4	2,159.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,727.37	1/2	3,480.27	1/2	3,233.17	1/2	2,976.05	1/2	2,701.92	1/2	2,427.80	1/2	2,153.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,722.23	3/4	3,475.13	3/4	3,228.03	3/4	2,970.34	3/4	2,696.21	3/4	2,422.09	3/4	2,148.14
10		10		10		10		10	3,717.08	10	3,469.98	10	3,222.88	10	2,964.63	10	2,690.50	10	2,416.37	10	2,142.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,711.93	1/4	3,464.83	1/4	3,217.73	1/4	2,958.92	1/4	2,684.79	1/4	2,410.66	1/4	2,136.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,706.78	1/2	3,459.68	1/2	3,212.58	1/2	2,953.21	1/2	2,679.08	1/2	2,404.95	1/2	2,131.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,701.63	3/4	3,454.53	3/4	3,207.44	3/4	2,947.50	3/4	2,673.37	3/4	2,399.24	3/4	2,125.33
11		11		11		11		11	3,696.49	11	3,449.39	11	3,202.29	11	2,941.79	11	2,667.66	11	2,393.53	11	2,119.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,691.34	1/4	3,444.24	1/4	3,197.14	1/4	2,936.08	1/4	2,661.95	1/4	2,387.82	1/4	2,113.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,686.19	1/2	3,439.09	1/2	3,191.99	1/2	2,930.36	1/2	2,656.24	1/2	2,382.11	1/2	2,108.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,681.04	3/4	3,433.94	3/4	3,186.84	3/4	2,924.65	3/4	2,650.53	3/4	2,376.40	3/4	2,102.52

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" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 11007"

1 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1088"

GAUGE HEIGHT 17'-08 3/4"

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	
0	2,096.82	0	1,822.98	0	1,549.03	0	1,275.08	0	1,001.14	0	732.21	0	460.37	0	185.58	0		0	
1/4	2,091.11	1/4	1,817.27	1/4	1,543.32	1/4	1,269.38	1/4	995.43	1/4	726.70	1/4	454.65	1/4	179.85	1/4		1/4	
1/2	2,085.41	1/2	1,811.56	1/2	1,537.62	1/2	1,263.67	1/2	989.72	1/2	721.19	1/2	448.92	1/2	174.13	1/2		1/2	
3/4	2,079.71	3/4	1,805.85	3/4	1,531.91	3/4	1,257.96	3/4	984.02	3/4	715.68	3/4	443.20	3/4	168.41	3/4		3/4	
1	2,074.01	1	1,800.15	1	1,526.20	1	1,252.26	1	978.31	1	710.18	1	437.47	1	162.68	1		1	
1/4	2,068.31	1/4	1,794.44	1/4	1,520.49	1/4	1,246.55	1/4	972.60	1/4	704.67	1/4	431.75	1/4	156.96	1/4		1/4	
1/2	2,062.60	1/2	1,788.73	1/2	1,514.79	1/2	1,240.84	1/2	966.90	1/2	699.16	1/2	426.02	1/2	151.23	1/2		1/2	
3/4	2,056.90	3/4	1,783.02	3/4	1,509.08	3/4	1,235.13	3/4	961.19	3/4	693.65	3/4	420.30	3/4	145.51	3/4		3/4	
2	2,051.20	2	1,777.32	2	1,503.37	2	1,229.43	2	955.48	2	688.12	2	414.57	2	139.79	2		2	
1/4	2,045.50	1/4	1,771.61	1/4	1,497.66	1/4	1,223.72	1/4	949.77	1/4	682.58	1/4	408.85	1/4	134.07	1/4		1/4	
1/2	2,039.80	1/2	1,765.90	1/2	1,491.96	1/2	1,218.01	1/2	944.07	1/2	677.05	1/2	403.12	1/2	128.35	1/2		1/2	
3/4	2,034.09	3/4	1,760.20	3/4	1,486.25	3/4	1,212.30	3/4	938.36	3/4	671.52	3/4	397.40	3/4	122.63	3/4		3/4	
3	2,028.39	3	1,754.49	3	1,480.54	3	1,206.60	3	932.65	3	665.88	3	391.67	3	116.92	3		3	
1/4	2,022.69	1/4	1,748.78	1/4	1,474.84	1/4	1,200.89	1/4	926.94	1/4	660.24	1/4	385.95	1/4	111.21	1/4		1/4	
1/2	2,016.99	1/2	1,743.07	1/2	1,469.13	1/2	1,195.18	1/2	921.24	1/2	654.60	1/2	380.22	1/2	105.50	1/2		1/2	
3/4	2,011.28	3/4	1,737.37	3/4	1,463.42	3/4	1,189.48	3/4	915.53	3/4	648.96	3/4	374.50	3/4	99.78	3/4		3/4	
4	2,005.58	4	1,731.66	4	1,457.71	4	1,183.77	4	909.82	4	643.27	4	368.77	4	94.09	4		4	
1/4	1,999.88	1/4	1,725.95	1/4	1,452.01	1/4	1,178.06	1/4	904.12	1/4	637.57	1/4	363.05	1/4	88.40	1/4		1/4	
1/2	1,994.18	1/2	1,720.25	1/2	1,446.30	1/2	1,172.35	1/2	898.41	1/2	631.88	1/2	357.32	1/2	82.71	1/2		1/2	
3/4	1,988.48	3/4	1,714.54	3/4	1,440.59	3/4	1,166.65	3/4	892.70	3/4	626.18	3/4	351.60	3/4	77.01	3/4		3/4	
5	1,982.77	5	1,708.83	5	1,434.89	5	1,160.94	5	887.08	5	620.48	5	345.87	5	71.35	5		5	
1/4	1,977.07	1/4	1,703.12	1/4	1,429.18	1/4	1,155.23	1/4	881.47	1/4	614.77	1/4	340.15	1/4	65.69	1/4		1/4	
1/2	1,971.36	1/2	1,697.42	1/2	1,423.47	1/2	1,149.53	1/2	875.85	1/2	609.06	1/2	334.42	1/2	60.02	1/2		1/2	
3/4	1,965.66	3/4	1,691.71	3/4	1,417.76	3/4	1,143.82	3/4	870.23	3/4	603.36	3/4	328.70	3/4	54.36	3/4		3/4	
6	1,959.95	6	1,686.00	6	1,412.06	6	1,138.11	6	864.69	6	597.64	6	322.97	6	48.74	6		6	
1/4	1,954.24	1/4	1,680.30	1/4	1,406.35	1/4	1,132.40	1/4	859.15	1/4	591.93	1/4	317.25	1/4	43.12	1/4		1/4	
1/2	1,948.53	1/2	1,674.59	1/2	1,400.64	1/2	1,126.70	1/2	853.61	1/2	586.22	1/2	311.53	1/2	37.51	1/2		1/2	
3/4	1,942.83	3/4	1,668.88	3/4	1,394.94	3/4	1,120.99	3/4	848.07	3/4	580.50	3/4	305.80	3/4	31.89	3/4		3/4	
7	1,937.12	7	1,663.17	7	1,389.23	7	1,115.28	7	842.54	7	574.79	7	300.08	7	27.11	7		7	
1/4	1,931.41	1/4	1,657.47	1/4	1,383.52	1/4	1,109.58	1/4	837.02	1/4	569.08	1/4	294.35	1/4	22.34	1/4		1/4	
1/2	1,925.70	1/2	1,651.76	1/2	1,377.81	1/2	1,103.87	1/2	831.49	1/2	563.36	1/2	288.63	1/2	17.56	1/2		1/2	
3/4	1,920.00	3/4	1,646.05	3/4	1,372.11	3/4	1,098.16	3/4	825.96	3/4	557.65	3/4	282.90	3/4	12.78	3/4		3/4	
8	1,914.29	8	1,640.34	8	1,366.40	8	1,092.45	8	820.44	8	551.93	8	277.18	8	10.28	8		8	
1/4	1,908.58	1/4	1,634.64	1/4	1,360.69	1/4	1,086.75	1/4	814.91	1/4	546.22	1/4	271.45	1/4	7.78	1/4		1/4	
1/2	1,902.88	1/2	1,628.93	1/2	1,354.98	1/2	1,081.04	1/2	809.38	1/2	540.50	1/2	265.73	1/2	5.28	1/2		1/2	
3/4	1,897.17	3/4	1,623.22	3/4	1,349.28	3/4	1,075.33	3/4	803.85	3/4	534.78	3/4	260.00	3/4	2.77	3/4		3/4	
9	1,891.46	9	1,617.52	9	1,343.57	9	1,069.62	9	798.34	9	529.06	9	254.28	9		9		9	
1/4	1,885.75	1/4	1,611.81	1/4	1,337.86	1/4	1,063.92	1/4	792.82	1/4	523.34	1/4	248.55	1/4		1/4		1/4	
1/2	1,880.05	1/2	1,606.10	1/2	1,332.16	1/2	1,058.21	1/2	787.31	1/2	517.62	1/2	242.83	1/2		1/2		1/2	
3/4	1,874.34	3/4	1,600.39	3/4	1,326.45	3/4	1,052.50	3/4	781.79	3/4	511.89	3/4	237.10	3/4		3/4		3/4	
10	1,868.63	10	1,594.69	10	1,320.74	10	1,046.80	10	776.28	10	506.17	10	231.38	10		10		10	
1/4	1,862.93	1/4	1,588.98	1/4	1,315.03	1/4	1,041.09	1/4	770.77	1/4	500.44	1/4	225.65	1/4		1/4		1/4	
1/2	1,857.22	1/2	1,583.27	1/2	1,309.33	1/2	1,035.38	1/2	765.27	1/2	494.72	1/2	219.93	1/2		1/2		1/2	
3/4	1,851.51	3/4	1,577.57	3/4	1,303.62	3/4	1,029.67	3/4	759.76	3/4	488.99	3/4	214.20	3/4		3/4		3/4	
11	1,845.80	11	1,571.86	11	1,297.91	11	1,023.97	11	754.25	11	483.27	11	208.48	11		11		11	
1/4	1,840.10	1/4	1,566.15	1/4	1,292.21	1/4	1,018.26	1/4	748.74	1/4	477.54	1/4	202.75	1/4		1/4		1/4	
1/2	1,834.39	1/2	1,560.44	1/2	1,286.50	1/2	1,012.55	1/2	743.23	1/2	471.82	1/2	197.03	1/2		1/2		1/2	
3/4	1,828.68	3/4	1,554.74	3/4	1,280.79	3/4	1,006.85	3/4	737.72	3/4	466.09	3/4	191.30	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2018 CL
NAME CHANGE: 10/27/2023 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 11007"

2 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1088"

GAUGE HEIGHT 17'-08 3/4"

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			
0		0		0		0		0	3,394.33	0	3,145.66	0	2,896.98	0	2,648.31	0	2,399.64	0	2,150.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,608.93	1/4	3,389.15	1/4	3,140.48	1/4	2,891.80	1/4	2,643.13	1/4	2,394.46	1/4	2,145.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,608.07	1/2	3,383.97	1/2	3,135.30	1/2	2,886.62	1/2	2,637.95	1/2	2,389.27	1/2	2,140.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,607.20	3/4	3,378.79	3/4	3,130.12	3/4	2,881.44	3/4	2,632.77	3/4	2,384.09	3/4	2,135.42
1		1		1		1		1	3,605.26	1	3,373.61	1	3,124.93	1	2,876.26	1	2,627.59	1	2,378.91	1	2,130.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,603.32	1/4	3,368.43	1/4	3,119.75	1/4	2,871.08	1/4	2,622.41	1/4	2,373.73	1/4	2,125.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,601.37	1/2	3,363.25	1/2	3,114.57	1/2	2,865.90	1/2	2,617.23	1/2	2,368.55	1/2	2,119.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,599.43	3/4	3,358.07	3/4	3,109.39	3/4	2,860.72	3/4	2,612.05	3/4	2,363.37	3/4	2,114.70
2		2		2		2		2	3,595.76	2	3,352.89	2	3,104.21	2	2,855.54	2	2,606.86	2	2,358.19	2	2,109.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,592.09	1/4	3,347.70	1/4	3,099.03	1/4	2,850.36	1/4	2,601.68	1/4	2,353.01	1/4	2,104.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,588.42	1/2	3,342.52	1/2	3,093.85	1/2	2,845.18	1/2	2,596.50	1/2	2,347.83	1/2	2,099.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,584.75	3/4	3,337.34	3/4	3,088.67	3/4	2,840.00	3/4	2,591.32	3/4	2,342.65	3/4	2,093.98
3		3		3		3		3	3,579.89	3	3,332.16	3	3,083.49	3	2,834.82	3	2,586.14	3	2,337.47	3	2,088.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,575.02	1/4	3,326.98	1/4	3,078.31	1/4	2,829.63	1/4	2,580.96	1/4	2,332.29	1/4	2,083.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,570.16	1/2	3,321.80	1/2	3,073.13	1/2	2,824.45	1/2	2,575.78	1/2	2,327.11	1/2	2,078.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,565.29	3/4	3,316.62	3/4	3,067.95	3/4	2,819.27	3/4	2,570.60	3/4	2,321.93	3/4	2,073.25
4		4		4		4		4	3,560.11	4	3,311.44	4	3,062.77	4	2,814.09	4	2,565.42	4	2,316.75	4	2,068.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,554.93	1/4	3,306.26	1/4	3,057.59	1/4	2,808.91	1/4	2,560.24	1/4	2,311.56	1/4	2,062.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,549.75	1/2	3,301.08	1/2	3,052.40	1/2	2,803.73	1/2	2,555.06	1/2	2,306.38	1/2	2,057.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,544.57	3/4	3,295.90	3/4	3,047.22	3/4	2,798.55	3/4	2,549.88	3/4	2,301.20	3/4	2,052.53
5		5		5		5		5	3,539.39	5	3,290.72	5	3,042.04	5	2,793.37	5	2,544.70	5	2,296.02	5	2,047.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,534.21	1/4	3,285.54	1/4	3,036.86	1/4	2,788.19	1/4	2,539.52	1/4	2,290.84	1/4	2,042.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,529.03	1/2	3,280.36	1/2	3,031.68	1/2	2,783.01	1/2	2,534.33	1/2	2,285.66	1/2	2,036.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,523.85	3/4	3,275.17	3/4	3,026.50	3/4	2,777.83	3/4	2,529.15	3/4	2,280.48	3/4	2,031.81
6		6		6		6		6	3,518.67	6	3,269.99	6	3,021.32	6	2,772.65	6	2,523.97	6	2,275.30	6	2,026.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,513.49	1/4	3,264.81	1/4	3,016.14	1/4	2,767.47	1/4	2,518.79	1/4	2,270.12	1/4	2,021.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,508.31	1/2	3,259.63	1/2	3,010.96	1/2	2,762.29	1/2	2,513.61	1/2	2,264.94	1/2	2,016.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,503.13	3/4	3,254.45	3/4	3,005.78	3/4	2,757.10	3/4	2,508.43	3/4	2,259.76	3/4	2,011.08
7		7		7		7		7	3,497.94	7	3,249.27	7	3,000.60	7	2,751.92	7	2,503.25	7	2,254.58	7	2,005.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,492.76	1/4	3,244.09	1/4	2,995.42	1/4	2,746.74	1/4	2,498.07	1/4	2,249.40	1/4	2,000.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,487.58	1/2	3,238.91	1/2	2,990.24	1/2	2,741.56	1/2	2,492.89	1/2	2,244.22	1/2	1,995.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,482.40	3/4	3,233.73	3/4	2,985.06	3/4	2,736.38	3/4	2,487.71	3/4	2,239.03	3/4	1,990.36
8		8		8		8		8	3,477.22	8	3,228.55	8	2,979.87	8	2,731.20	8	2,482.53	8	2,233.85	8	1,985.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,472.04	1/4	3,223.37	1/4	2,974.69	1/4	2,726.02	1/4	2,477.35	1/4	2,228.67	1/4	1,980.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,466.86	1/2	3,218.19	1/2	2,969.51	1/2	2,720.84	1/2	2,472.17	1/2	2,223.49	1/2	1,974.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,461.68	3/4	3,213.01	3/4	2,964.33	3/4	2,715.66	3/4	2,466.99	3/4	2,218.31	3/4	1,969.64
9		9		9		9		9	3,456.50	9	3,207.83	9	2,959.15	9	2,710.48	9	2,461.80	9	2,213.13	9	1,964.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,451.32	1/4	3,202.64	1/4	2,953.97	1/4	2,705.30	1/4	2,456.62	1/4	2,207.95	1/4	1,959.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,446.14	1/2	3,197.46	1/2	2,948.79	1/2	2,700.12	1/2	2,451.44	1/2	2,202.77	1/2	1,954.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,440.96	3/4	3,192.28	3/4	2,943.61	3/4	2,694.94	3/4	2,446.26	3/4	2,197.59	3/4	1,948.92
10		10		10		10		10	3,435.78	10	3,187.10	10	2,938.43	10	2,689.76	10	2,441.08	10	2,192.41	10	1,943.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,430.60	1/4	3,181.92	1/4	2,933.25	1/4	2,684.57	1/4	2,435.90	1/4	2,187.23	1/4	1,938.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,425.41	1/2	3,176.74	1/2	2,928.07	1/2	2,679.39	1/2	2,430.72	1/2	2,182.05	1/2	1,933.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,420.23	3/4	3,171.56	3/4	2,922.89	3/4	2,674.21	3/4	2,425.54	3/4	2,176.87	3/4	1,928.19
11		11		11		11		11	3,415.05	11	3,166.38	11	2,917.71	11	2,669.03	11	2,420.36	11	2,171.69	11	1,923.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,409.87	1/4	3,161.20	1/4	2,912.53	1/4	2,663.85	1/4	2,415.18	1/4	2,166.50	1/4	1,917.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,404.69	1/2	3,156.02	1/2	2,907.34	1/2	2,658.67	1/2	2,410.00	1/2	2,161.32	1/2	1,912.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,399.51	3/4	3,150.84	3/4	2,902.16	3/4	2,653.49	3/4	2,404.82	3/4	2,156.14	3/4	1,907.47

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" GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 28'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11007"

2 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1088"

GAUGE HEIGHT 17'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,902.29	0	1,653.62	0	1,404.94	0	1,156.27	0	907.59	0	663.34	0	416.65	0	167.99	0		0	
1/4	1,897.11	1/4	1,648.43	1/4	1,399.76	1/4	1,151.09	1/4	902.41	1/4	658.32	1/4	411.47	1/4	162.81	1/4		1/4	
1/2	1,891.93	1/2	1,643.25	1/2	1,394.58	1/2	1,145.91	1/2	897.23	1/2	653.30	1/2	406.29	1/2	157.63	1/2		1/2	
3/4	1,886.75	3/4	1,638.07	3/4	1,389.40	3/4	1,140.73	3/4	892.05	3/4	648.28	3/4	401.11	3/4	152.45	3/4		3/4	
1	1,881.57	1	1,632.89	1	1,384.22	1	1,135.55	1	886.87	1	643.26	1	395.93	1	147.27	1		1	
1/4	1,876.39	1/4	1,627.71	1/4	1,379.04	1/4	1,130.36	1/4	881.69	1/4	638.25	1/4	390.75	1/4	142.09	1/4		1/4	
1/2	1,871.20	1/2	1,622.53	1/2	1,373.86	1/2	1,125.18	1/2	876.51	1/2	633.23	1/2	385.57	1/2	136.91	1/2		1/2	
3/4	1,866.02	3/4	1,617.35	3/4	1,368.68	3/4	1,120.00	3/4	871.33	3/4	628.21	3/4	380.39	3/4	131.73	3/4		3/4	
2	1,860.84	2	1,612.17	2	1,363.50	2	1,114.82	2	866.15	2	623.18	2	375.21	2	126.55	2		2	
1/4	1,855.66	1/4	1,606.99	1/4	1,358.32	1/4	1,109.64	1/4	860.97	1/4	618.16	1/4	370.03	1/4	121.37	1/4		1/4	
1/2	1,850.48	1/2	1,601.81	1/2	1,353.13	1/2	1,104.46	1/2	855.79	1/2	613.13	1/2	364.85	1/2	116.20	1/2		1/2	
3/4	1,845.30	3/4	1,596.63	3/4	1,347.95	3/4	1,099.28	3/4	850.61	3/4	608.11	3/4	359.67	3/4	111.02	3/4		3/4	
3	1,840.12	3	1,591.45	3	1,342.77	3	1,094.10	3	845.43	3	602.98	3	354.49	3	105.85	3		3	
1/4	1,834.94	1/4	1,586.27	1/4	1,337.59	1/4	1,088.92	1/4	840.25	1/4	597.86	1/4	349.31	1/4	100.69	1/4		1/4	
1/2	1,829.76	1/2	1,581.09	1/2	1,332.41	1/2	1,083.74	1/2	835.06	1/2	592.73	1/2	344.13	1/2	95.52	1/2		1/2	
3/4	1,824.58	3/4	1,575.91	3/4	1,327.23	3/4	1,078.56	3/4	829.88	3/4	587.61	3/4	338.95	3/4	90.35	3/4		3/4	
4	1,819.40	4	1,570.72	4	1,322.05	4	1,073.38	4	824.70	4	582.43	4	333.76	4	85.20	4		4	
1/4	1,814.22	1/4	1,565.54	1/4	1,316.87	1/4	1,068.20	1/4	819.52	1/4	577.25	1/4	328.58	1/4	80.05	1/4		1/4	
1/2	1,809.04	1/2	1,560.36	1/2	1,311.69	1/2	1,063.02	1/2	814.34	1/2	572.07	1/2	323.40	1/2	74.90	1/2		1/2	
3/4	1,803.86	3/4	1,555.18	3/4	1,306.51	3/4	1,057.84	3/4	809.16	3/4	566.89	3/4	318.22	3/4	69.74	3/4		3/4	
5	1,798.68	5	1,550.00	5	1,301.33	5	1,052.65	5	804.08	5	561.71	5	313.04	5	64.62	5		5	
1/4	1,793.49	1/4	1,544.82	1/4	1,296.15	1/4	1,047.47	1/4	798.99	1/4	556.53	1/4	307.86	1/4	59.49	1/4		1/4	
1/2	1,788.31	1/2	1,539.64	1/2	1,290.97	1/2	1,042.29	1/2	793.90	1/2	551.35	1/2	302.68	1/2	54.37	1/2		1/2	
3/4	1,783.13	3/4	1,534.46	3/4	1,285.79	3/4	1,037.11	3/4	788.82	3/4	546.17	3/4	297.50	3/4	49.24	3/4		3/4	
6	1,777.95	6	1,529.28	6	1,280.61	6	1,031.93	6	783.79	6	540.98	6	292.32	6	44.16	6		6	
1/4	1,772.77	1/4	1,524.10	1/4	1,275.42	1/4	1,026.75	1/4	778.77	1/4	535.80	1/4	287.14	1/4	39.08	1/4		1/4	
1/2	1,767.59	1/2	1,518.92	1/2	1,270.24	1/2	1,021.57	1/2	773.75	1/2	530.62	1/2	281.96	1/2	33.99	1/2		1/2	
3/4	1,762.41	3/4	1,513.74	3/4	1,265.06	3/4	1,016.39	3/4	768.73	3/4	525.44	3/4	276.78	3/4	28.91	3/4		3/4	
7	1,757.23	7	1,508.56	7	1,259.88	7	1,011.21	7	763.71	7	520.26	7	271.60	7	24.59	7		7	
1/4	1,752.05	1/4	1,503.38	1/4	1,254.70	1/4	1,006.03	1/4	758.69	1/4	515.08	1/4	266.42	1/4	20.27	1/4		1/4	
1/2	1,746.87	1/2	1,498.19	1/2	1,249.52	1/2	1,000.85	1/2	753.67	1/2	509.90	1/2	261.24	1/2	15.94	1/2		1/2	
3/4	1,741.69	3/4	1,493.01	3/4	1,244.34	3/4	995.67	3/4	748.65	3/4	504.72	3/4	256.06	3/4	11.62	3/4		3/4	
8	1,736.51	8	1,487.83	8	1,239.16	8	990.49	8	743.63	8	499.54	8	250.88	8	9.35	8		8	
1/4	1,731.33	1/4	1,482.65	1/4	1,233.98	1/4	985.31	1/4	738.62	1/4	494.36	1/4	245.70	1/4	7.09	1/4		1/4	
1/2	1,726.15	1/2	1,477.47	1/2	1,228.80	1/2	980.12	1/2	733.60	1/2	489.18	1/2	240.52	1/2	4.83	1/2		1/2	
3/4	1,720.96	3/4	1,472.29	3/4	1,223.62	3/4	974.94	3/4	728.58	3/4	484.00	3/4	235.34	3/4	2.57	3/4		3/4	
9	1,715.78	9	1,467.11	9	1,218.44	9	969.76	9	723.56	9	478.82	9	230.15	9		9		9	
1/4	1,710.60	1/4	1,461.93	1/4	1,213.26	1/4	964.58	1/4	718.54	1/4	473.64	1/4	224.97	1/4		1/4		1/4	
1/2	1,705.42	1/2	1,456.75	1/2	1,208.08	1/2	959.40	1/2	713.52	1/2	468.46	1/2	219.79	1/2		1/2		1/2	
3/4	1,700.24	3/4	1,451.57	3/4	1,202.89	3/4	954.22	3/4	708.50	3/4	463.28	3/4	214.61	3/4		3/4		3/4	
10	1,695.06	10	1,446.39	10	1,197.71	10	949.04	10	703.49	10	458.10	10	209.43	10		10		10	
1/4	1,689.88	1/4	1,441.21	1/4	1,192.53	1/4	943.86	1/4	698.47	1/4	452.92	1/4	204.25	1/4		1/4		1/4	
1/2	1,684.70	1/2	1,436.03	1/2	1,187.35	1/2	938.68	1/2	693.45	1/2	447.74	1/2	199.07	1/2		1/2		1/2	
3/4	1,679.52	3/4	1,430.85	3/4	1,182.17	3/4	933.50	3/4	688.43	3/4	442.56	3/4	193.89	3/4		3/4		3/4	
11	1,674.34	11	1,425.66	11	1,176.99	11	928.32	11	683.41	11	437.37	11	188.71	11		11		11	
1/4	1,669.16	1/4	1,420.48	1/4	1,171.81	1/4	923.14	1/4	678.39	1/4	432.19	1/4	183.53	1/4		1/4		1/4	
1/2	1,663.98	1/2	1,415.30	1/2	1,166.63	1/2	917.96	1/2	673.37	1/2	427.01	1/2	178.35	1/2		1/2		1/2	
3/4	1,658.80	3/4	1,410.12	3/4	1,161.45	3/4	912.78	3/4	668.36	3/4	421.83	3/4	173.17	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2018 CL
NAME CHANGE: 10/27/2023 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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BARGE "KIRBY 11007"

3 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1088"

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	
0		0		0		0		0	3,387.00	0	3,139.66	0	2,892.32	0	2,644.98	0	2,397.64	0	2,150.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,381.84	1/4	3,134.50	1/4	2,887.16	1/4	2,639.82	1/4	2,392.49	1/4	2,145.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,595.30	1/2	3,376.69	1/2	3,129.35	1/2	2,882.01	1/2	2,634.67	1/2	2,387.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,594.44	3/4	3,371.54	3/4	3,124.20	3/4	2,876.86	3/4	2,629.52	3/4	2,382.18
1		1		1		1		1	3,593.58	1	3,366.38	1	3,119.04	1	2,871.71	1	2,624.37	1	2,377.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,591.65	1/4	3,361.23	1/4	3,113.89	1/4	2,866.55	1/4	2,619.21	1/4	2,371.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,589.72	1/2	3,356.08	1/2	3,108.74	1/2	2,861.40	1/2	2,614.06	1/2	2,366.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,587.79	3/4	3,350.92	3/4	3,103.59	3/4	2,856.25	3/4	2,608.91	3/4	2,361.57
2		2		2		2		2	3,585.85	2	3,345.77	2	3,098.43	2	2,851.09	2	2,603.75	2	2,356.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,582.20	1/4	3,340.62	1/4	3,093.28	1/4	2,845.94	1/4	2,598.60	1/4	2,351.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,578.55	1/2	3,335.47	1/2	3,088.13	1/2	2,840.79	1/2	2,593.45	1/2	2,346.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,574.90	3/4	3,330.31	3/4	3,082.97	3/4	2,835.63	3/4	2,588.30	3/4	2,340.96
3		3		3		3		3	3,571.24	3	3,325.16	3	3,077.82	3	2,830.48	3	2,583.14	3	2,335.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,566.40	1/4	3,320.01	1/4	3,072.67	1/4	2,825.33	1/4	2,577.99	1/4	2,330.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,561.57	1/2	3,314.85	1/2	3,067.52	1/2	2,820.18	1/2	2,572.84	1/2	2,325.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,556.73	3/4	3,309.70	3/4	3,062.36	3/4	2,815.02	3/4	2,567.68	3/4	2,320.34
4		4		4		4		4	3,551.89	4	3,304.55	4	3,057.21	4	2,809.87	4	2,562.53	4	2,315.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,546.74	1/4	3,299.40	1/4	3,052.06	1/4	2,804.72	1/4	2,557.38	1/4	2,310.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,541.58	1/2	3,294.24	1/2	3,046.90	1/2	2,799.56	1/2	2,552.23	1/2	2,304.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,536.43	3/4	3,289.09	3/4	3,041.75	3/4	2,794.41	3/4	2,547.07	3/4	2,299.73
5		5		5		5		5	3,531.28	5	3,283.94	5	3,036.60	5	2,789.26	5	2,541.92	5	2,294.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,526.12	1/4	3,278.78	1/4	3,031.45	1/4	2,784.11	1/4	2,536.77	1/4	2,289.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,520.97	1/2	3,273.63	1/2	3,026.29	1/2	2,778.95	1/2	2,531.61	1/2	2,284.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,515.82	3/4	3,268.48	3/4	3,021.14	3/4	2,773.80	3/4	2,526.46	3/4	2,279.12
6		6		6		6		6	3,510.66	6	3,263.33	6	3,015.99	6	2,768.65	6	2,521.31	6	2,273.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,505.51	1/4	3,258.17	1/4	3,010.83	1/4	2,763.49	1/4	2,516.16	1/4	2,268.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,500.36	1/2	3,253.02	1/2	3,005.68	1/2	2,758.34	1/2	2,511.00	1/2	2,263.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,495.21	3/4	3,247.87	3/4	3,000.53	3/4	2,753.19	3/4	2,505.85	3/4	2,258.51
7		7		7		7		7	3,490.05	7	3,242.71	7	2,995.37	7	2,748.04	7	2,500.70	7	2,253.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,484.90	1/4	3,237.56	1/4	2,990.22	1/4	2,742.88	1/4	2,495.54	1/4	2,248.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,479.75	1/2	3,232.41	1/2	2,985.07	1/2	2,737.73	1/2	2,490.39	1/2	2,243.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,474.59	3/4	3,227.26	3/4	2,979.92	3/4	2,732.58	3/4	2,485.24	3/4	2,237.90
8		8		8		8		8	3,469.44	8	3,222.10	8	2,974.76	8	2,727.42	8	2,480.08	8	2,232.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,464.29	1/4	3,216.95	1/4	2,969.61	1/4	2,722.27	1/4	2,474.93	1/4	2,227.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,459.14	1/2	3,211.80	1/2	2,964.46	1/2	2,717.12	1/2	2,469.78	1/2	2,222.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,453.98	3/4	3,206.64	3/4	2,959.30	3/4	2,711.97	3/4	2,464.63	3/4	2,217.29
9		9		9		9		9	3,448.83	9	3,201.49	9	2,954.15	9	2,706.81	9	2,459.47	9	2,212.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,443.68	1/4	3,196.34	1/4	2,949.00	1/4	2,701.66	1/4	2,454.32	1/4	2,206.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,438.52	1/2	3,191.19	1/2	2,943.85	1/2	2,696.51	1/2	2,449.17	1/2	2,201.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,433.37	3/4	3,186.03	3/4	2,938.69	3/4	2,691.35	3/4	2,444.01	3/4	2,196.68
10		10		10		10		10	3,428.22	10	3,180.88	10	2,933.54	10	2,686.20	10	2,438.86	10	2,191.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,423.07	1/4	3,175.73	1/4	2,928.39	1/4	2,681.05	1/4	2,433.71	1/4	2,186.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,417.91	1/2	3,170.57	1/2	2,923.23	1/2	2,675.89	1/2	2,428.56	1/2	2,181.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,412.76	3/4	3,165.42	3/4	2,918.08	3/4	2,670.74	3/4	2,423.40	3/4	2,176.06
11		11		11		11		11	3,407.61	11	3,160.27	11	2,912.93	11	2,665.59	11	2,418.25	11	2,170.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,402.45	1/4	3,155.11	1/4	2,907.78	1/4	2,660.44	1/4	2,413.10	1/4	2,165.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,397.30	1/2	3,149.96	1/2	2,902.62	1/2	2,655.28	1/2	2,407.94	1/2	2,160.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,392.15	3/4	3,144.81	3/4	2,897.47	3/4	2,650.13	3/4	2,402.79	3/4	2,155.45

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 28'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11007"

3 CENTER ULLAGE TABLE

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

FORMERLY "FMT 1088"

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	
0	1,902.96	0	1,655.62	0	1,408.28	0	1,160.94	0	913.60	0	666.71	0	419.58	0	172.25	0		0	
1/4	1,897.81	1/4	1,650.47	1/4	1,403.13	1/4	1,155.79	1/4	908.45	1/4	661.57	1/4	414.43	1/4	167.10	1/4		1/4	
1/2	1,892.65	1/2	1,645.31	1/2	1,397.98	1/2	1,150.64	1/2	903.30	1/2	656.44	1/2	409.27	1/2	161.94	1/2		1/2	
3/4	1,887.50	3/4	1,640.16	3/4	1,392.82	3/4	1,145.48	3/4	898.14	3/4	651.30	3/4	404.12	3/4	156.79	3/4		3/4	
1	1,882.35	1	1,635.01	1	1,387.67	1	1,140.33	1	892.99	1	646.17	1	398.97	1	151.64	1		1	
1/4	1,877.20	1/4	1,629.86	1/4	1,382.52	1/4	1,135.18	1/4	887.84	1/4	641.04	1/4	393.82	1/4	146.49	1/4		1/4	
1/2	1,872.04	1/2	1,624.70	1/2	1,377.36	1/2	1,130.02	1/2	882.69	1/2	635.90	1/2	388.66	1/2	141.33	1/2		1/2	
3/4	1,866.89	3/4	1,619.55	3/4	1,372.21	3/4	1,124.87	3/4	877.53	3/4	630.77	3/4	383.51	3/4	136.18	3/4		3/4	
2	1,861.74	2	1,614.40	2	1,367.06	2	1,119.72	2	872.38	2	625.63	2	378.36	2	131.03	2		2	
1/4	1,856.58	1/4	1,609.24	1/4	1,361.91	1/4	1,114.57	1/4	867.23	1/4	620.49	1/4	373.20	1/4	125.88	1/4		1/4	
1/2	1,851.43	1/2	1,604.09	1/2	1,356.75	1/2	1,109.41	1/2	862.07	1/2	615.35	1/2	368.05	1/2	120.73	1/2		1/2	
3/4	1,846.28	3/4	1,598.94	3/4	1,351.60	3/4	1,104.26	3/4	856.92	3/4	610.21	3/4	362.90	3/4	115.58	3/4		3/4	
3	1,841.13	3	1,593.79	3	1,346.45	3	1,099.11	3	851.77	3	605.07	3	357.75	3	110.43	3		3	
1/4	1,835.97	1/4	1,588.63	1/4	1,341.29	1/4	1,093.95	1/4	846.62	1/4	599.92	1/4	352.59	1/4	105.29	1/4		1/4	
1/2	1,830.82	1/2	1,583.48	1/2	1,336.14	1/2	1,088.80	1/2	841.46	1/2	594.77	1/2	347.44	1/2	100.15	1/2		1/2	
3/4	1,825.67	3/4	1,578.33	3/4	1,330.99	3/4	1,083.65	3/4	836.31	3/4	589.62	3/4	342.29	3/4	95.01	3/4		3/4	
4	1,820.51	4	1,573.17	4	1,325.84	4	1,078.50	4	831.16	4	584.47	4	337.14	4	89.88	4		4	
1/4	1,815.36	1/4	1,568.02	1/4	1,320.68	1/4	1,073.34	1/4	826.00	1/4	579.31	1/4	331.98	1/4	84.75	1/4		1/4	
1/2	1,810.21	1/2	1,562.87	1/2	1,315.53	1/2	1,068.19	1/2	820.85	1/2	574.16	1/2	326.83	1/2	79.63	1/2		1/2	
3/4	1,805.05	3/4	1,557.72	3/4	1,310.38	3/4	1,063.04	3/4	815.70	3/4	569.01	3/4	321.68	3/4	74.50	3/4		3/4	
5	1,799.90	5	1,552.56	5	1,305.22	5	1,057.88	5	810.55	5	563.85	5	316.52	5	69.38	5		5	
1/4	1,794.75	1/4	1,547.41	1/4	1,300.07	1/4	1,052.73	1/4	805.40	1/4	558.70	1/4	311.37	1/4	64.28	1/4		1/4	
1/2	1,789.60	1/2	1,542.26	1/2	1,294.92	1/2	1,047.58	1/2	800.25	1/2	553.55	1/2	306.22	1/2	59.18	1/2		1/2	
3/4	1,784.44	3/4	1,537.10	3/4	1,289.76	3/4	1,042.43	3/4	795.10	3/4	548.40	3/4	301.07	3/4	54.08	3/4		3/4	
6	1,779.29	6	1,531.95	6	1,284.61	6	1,037.27	6	789.95	6	543.24	6	295.91	6	48.99	6		6	
1/4	1,774.14	1/4	1,526.80	1/4	1,279.46	1/4	1,032.12	1/4	784.81	1/4	538.09	1/4	290.76	1/4	43.93	1/4		1/4	
1/2	1,768.98	1/2	1,521.65	1/2	1,274.31	1/2	1,026.97	1/2	779.67	1/2	532.94	1/2	285.61	1/2	38.88	1/2		1/2	
3/4	1,763.83	3/4	1,516.49	3/4	1,269.15	3/4	1,021.81	3/4	774.54	3/4	527.79	3/4	280.46	3/4	33.82	3/4		3/4	
7	1,758.68	7	1,511.34	7	1,264.00	7	1,016.66	7	769.40	7	522.63	7	275.30	7	28.77	7		7	
1/4	1,753.53	1/4	1,506.19	1/4	1,258.85	1/4	1,011.51	1/4	764.26	1/4	517.48	1/4	270.15	1/4	24.47	1/4		1/4	
1/2	1,748.37	1/2	1,501.03	1/2	1,253.69	1/2	1,006.36	1/2	759.13	1/2	512.33	1/2	265.00	1/2	20.17	1/2		1/2	
3/4	1,743.22	3/4	1,495.88	3/4	1,248.54	3/4	1,001.20	3/4	753.99	3/4	507.17	3/4	259.85	3/4	15.87	3/4		3/4	
8	1,738.07	8	1,490.73	8	1,243.39	8	996.05	8	748.86	8	502.02	8	254.69	8	11.57	8		8	
1/4	1,732.91	1/4	1,485.58	1/4	1,238.24	1/4	990.90	1/4	743.73	1/4	496.87	1/4	249.54	1/4	9.31	1/4		1/4	
1/2	1,727.76	1/2	1,480.42	1/2	1,233.08	1/2	985.74	1/2	738.59	1/2	491.72	1/2	244.39	1/2	7.06	1/2		1/2	
3/4	1,722.61	3/4	1,475.27	3/4	1,227.93	3/4	980.59	3/4	733.46	3/4	486.56	3/4	239.23	3/4	4.81	3/4		3/4	
9	1,717.46	9	1,470.12	9	1,222.78	9	975.44	9	728.32	9	481.41	9	234.08	9	2.56	9		9	
1/4	1,712.30	1/4	1,464.96	1/4	1,217.62	1/4	970.29	1/4	723.19	1/4	476.26	1/4	228.93	1/4		1/4		1/4	
1/2	1,707.15	1/2	1,459.81	1/2	1,212.47	1/2	965.13	1/2	718.05	1/2	471.11	1/2	223.78	1/2		1/2		1/2	
3/4	1,702.00	3/4	1,454.66	3/4	1,207.32	3/4	959.98	3/4	712.92	3/4	465.95	3/4	218.62	3/4		3/4		3/4	
10	1,696.84	10	1,449.50	10	1,202.17	10	954.83	10	707.78	10	460.80	10	213.47	10		10		10	
1/4	1,691.69	1/4	1,444.35	1/4	1,197.01	1/4	949.67	1/4	702.65	1/4	455.65	1/4	208.32	1/4		1/4		1/4	
1/2	1,686.54	1/2	1,439.20	1/2	1,191.86	1/2	944.52	1/2	697.52	1/2	450.49	1/2	203.17	1/2		1/2		1/2	
3/4	1,681.39	3/4	1,434.05	3/4	1,186.71	3/4	939.37	3/4	692.38	3/4	445.34	3/4	198.01	3/4		3/4		3/4	
11	1,676.23	11	1,428.89	11	1,181.55	11	934.21	11	687.25	11	440.19	11	192.86	11		11		11	
1/4	1,671.08	1/4	1,423.74	1/4	1,176.40	1/4	929.06	1/4	682.11	1/4	435.04	1/4	187.71	1/4		1/4		1/4	
1/2	1,665.93	1/2	1,418.59	1/2	1,171.25	1/2	923.91	1/2	676.98	1/2	429.88	1/2	182.55	1/2		1/2		1/2	
3/4	1,660.77	3/4	1,413.43	3/4	1,166.10	3/4	918.76	3/4	671.84	3/4	424.73	3/4	177.40	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2018 CL
NAME CHANGE: 10/27/2023 JS
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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