



BARGE "KIRBY 10272"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 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
2 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	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

January 19, 2024

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

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BARGE "KIRBY 10272"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

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	3,758.91	0	3,529.82	0	3,277.15	0	3,024.48	0	2,762.60	0	2,467.21	0	2,171.19		
1/4		1/4		1/4		1/4	3,757.88	1/4	3,524.56	1/4	3,271.89	1/4	3,019.21	1/4	2,756.45	1/4	2,461.04	1/4	2,165.02		
1/2		1/2		1/2		1/2	3,756.85	1/2	3,519.29	1/2	3,266.62	1/2	3,013.95	1/2	2,750.30	1/2	2,454.88	1/2	2,158.85		
3/4		3/4		3/4		3/4	3,753.75	3/4	3,514.03	3/4	3,261.36	3/4	3,008.69	3/4	2,744.15	3/4	2,448.71	3/4	2,152.68		
1		1		1		1	3,750.66	1	3,508.77	1	3,256.09	1	3,003.42	1	2,738.00	1	2,442.54	1	2,146.52		
1/4		1/4		1/4		1/4	3,747.56	1/4	3,503.50	1/4	3,250.83	1/4	2,998.16	1/4	2,731.86	1/4	2,436.38	1/4	2,140.35		
1/2		1/2		1/2		1/2	3,744.47	1/2	3,498.24	1/2	3,245.57	1/2	2,992.89	1/2	2,725.71	1/2	2,430.21	1/2	2,134.18		
3/4		3/4		3/4		3/4	3,740.32	3/4	3,492.97	3/4	3,240.30	3/4	2,987.63	3/4	2,719.56	3/4	2,424.04	3/4	2,128.02		
2		2		2		2	3,736.18	2	3,487.71	2	3,235.04	2	2,982.37	2	2,713.41	2	2,417.87	2	2,121.85		
1/4		1/4		1/4		1/4	3,732.03	1/4	3,482.45	1/4	3,229.77	1/4	2,977.10	1/4	2,707.26	1/4	2,411.71	1/4	2,115.68		
1/2		1/2		1/2		1/2	3,727.88	1/2	3,477.18	1/2	3,224.51	1/2	2,971.84	1/2	2,701.11	1/2	2,405.54	1/2	2,109.51		
3/4		3/4		3/4		3/4	3,722.75	3/4	3,471.92	3/4	3,219.25	3/4	2,966.57	3/4	2,694.97	3/4	2,399.37	3/4	2,103.35		
3		3		3		3	3,717.62	3	3,466.65	3	3,213.98	3	2,961.31	3	2,688.82	3	2,393.21	3	2,097.18		
1/4		1/4		1/4		1/4	3,712.49	1/4	3,461.39	1/4	3,208.72	1/4	2,956.05	1/4	2,682.67	1/4	2,387.04	1/4	2,091.01		
1/2		1/2		1/2		1/2	3,707.36	1/2	3,456.13	1/2	3,203.45	1/2	2,950.78	1/2	2,676.52	1/2	2,380.87	1/2	2,084.85		
3/4		3/4		3/4		3/4	3,702.20	3/4	3,450.86	3/4	3,198.19	3/4	2,945.52	3/4	2,670.37	3/4	2,374.70	3/4	2,078.68		
4		4		4		4	3,697.03	4	3,445.60	4	3,192.93	4	2,940.25	4	2,664.22	4	2,368.54	4	2,072.51		
1/4		1/4		1/4		1/4	3,691.87	1/4	3,440.33	1/4	3,187.66	1/4	2,934.99	1/4	2,658.08	1/4	2,362.37	1/4	2,066.34		
1/2		1/2		1/2		1/2	3,686.70	1/2	3,435.07	1/2	3,182.40	1/2	2,929.73	1/2	2,651.93	1/2	2,356.20	1/2	2,060.18		
3/4		3/4		3/4		3/4	3,681.52	3/4	3,429.81	3/4	3,177.13	3/4	2,924.46	3/4	2,645.78	3/4	2,350.03	3/4	2,054.01		
5		5		5		5	3,676.34	5	3,424.54	5	3,171.87	5	2,919.20	5	2,639.63	5	2,343.87	5	2,047.84		
1/4		1/4		1/4		1/4	3,671.16	1/4	3,419.28	1/4	3,166.61	1/4	2,913.93	1/4	2,633.48	1/4	2,337.70	1/4	2,041.67		
1/2		1/2		1/2		1/2	3,665.99	1/2	3,414.01	1/2	3,161.34	1/2	2,908.67	1/2	2,627.33	1/2	2,331.53	1/2	2,035.51		
3/4		3/4		3/4		3/4	3,660.81	3/4	3,408.75	3/4	3,156.08	3/4	2,903.41	3/4	2,621.18	3/4	2,325.37	3/4	2,029.34		
6		6		6		6	3,655.63	6	3,403.49	6	3,150.81	6	2,898.14	6	2,615.04	6	2,319.20	6	2,023.17		
1/4		1/4		1/4		1/4	3,650.46	1/4	3,398.22	1/4	3,145.55	1/4	2,892.88	1/4	2,608.89	1/4	2,313.03	1/4	2,017.01		
1/2		1/2		1/2		1/2	3,645.28	1/2	3,392.96	1/2	3,140.29	1/2	2,887.61	1/2	2,602.74	1/2	2,306.86	1/2	2,010.84		
3/4		3/4		3/4		3/4	3,640.10	3/4	3,387.69	3/4	3,135.02	3/4	2,882.35	3/4	2,596.59	3/4	2,300.70	3/4	2,004.67		
7		7		7		7	3,634.93	7	3,382.43	7	3,129.76	7	2,877.09	7	2,590.44	7	2,294.53	7	1,998.50		
1/4		1/4		1/4		1/4	3,629.75	1/4	3,377.17	1/4	3,124.49	1/4	2,871.82	1/4	2,584.29	1/4	2,288.36	1/4	1,992.34		
1/2		1/2		1/2		1/2	3,624.57	1/2	3,371.90	1/2	3,119.23	1/2	2,866.56	1/2	2,578.15	1/2	2,282.20	1/2	1,986.17		
3/4		3/4		3/4		3/4	3,619.31	3/4	3,366.64	3/4	3,113.97	3/4	2,861.27	3/4	2,572.00	3/4	2,276.03	3/4	1,980.00		
8		8		8		8	3,614.05	8	3,361.37	8	3,108.70	8	2,855.98	8	2,565.85	8	2,269.86	8	1,973.84		
1/4		1/4		1/4		1/4	3,608.78	1/4	3,356.11	1/4	3,103.44	1/4	2,850.69	1/4	2,559.70	1/4	2,263.69	1/4	1,967.67		
1/2		1/2		1/2		1/2	3,603.52	1/2	3,350.85	1/2	3,098.17	1/2	2,845.40	1/2	2,553.55	1/2	2,257.53	1/2	1,961.50		
3/4		3/4		3/4		3/4	3,598.25	3/4	3,345.58	3/4	3,092.91	3/4	2,840.11	3/4	2,547.39	3/4	2,251.36	3/4	1,955.33		
9		9		9		9	3,592.99	9	3,340.32	9	3,087.65	9	2,834.83	9	2,541.22	9	2,245.19	9	1,949.17		
1/4		1/4		1/4		1/4	3,587.73	1/4	3,335.05	1/4	3,082.38	1/4	2,829.54	1/4	2,535.05	1/4	2,239.03	1/4	1,943.00		
1/2		1/2		1/2		1/2	3,582.46	1/2	3,329.79	1/2	3,077.12	1/2	2,824.25	1/2	2,528.88	1/2	2,232.86	1/2	1,936.83		
3/4		3/4		3/4		3/4	3,577.20	3/4	3,324.53	3/4	3,071.85	3/4	2,818.06	3/4	2,522.72	3/4	2,226.69	3/4	1,930.67		
10		10		10		10	3,571.93	10	3,319.26	10	3,066.59	10	2,811.87	10	2,516.55	10	2,220.52	10	1,924.50		
1/4		1/4		1/4		1/4	3,566.67	1/4	3,314.00	1/4	3,061.33	1/4	2,805.68	1/4	2,510.38	1/4	2,214.36	1/4	1,918.33		
1/2		1/2		1/2		1/2	3,561.41	1/2	3,308.73	1/2	3,056.06	1/2	2,799.49	1/2	2,504.21	1/2	2,208.19	1/2	1,912.16		
3/4		3/4		3/4		3/4	3,556.14	3/4	3,303.47	3/4	3,050.80	3/4	2,793.34	3/4	2,498.05	3/4	2,202.02	3/4	1,906.00		
11		11		11		11	3,550.88	11	3,298.21	11	3,045.53	11	2,787.19	11	2,491.88	11	2,195.85	11	1,899.83		
1/4		1/4		1/4		1/4	3,545.61	1/4	3,292.94	1/4	3,040.27	1/4	2,781.04	1/4	2,485.71	1/4	2,189.69	1/4	1,893.66		
1/2		1/2		1/2		1/2	3,760.98	1/2	3,540.35	1/2	3,287.68	1/2	3,035.01	1/2	2,774.89	1/2	2,479.55	1/2	2,183.52	1/2	1,887.49
3/4		3/4		3/4		3/4	3,759.95	3/4	3,535.09	3/4	3,282.41	3/4	3,029.74	3/4	2,768.75	3/4	2,473.38	3/4	2,177.35	3/4	1,881.33

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 ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 10272"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	1,875.16	0	1,578.88	0	1,282.45	0	986.02	0	695.63	0	399.03	0	102.46	0		0		0	
1/4	1,868.99	1/4	1,572.71	1/4	1,276.27	1/4	979.84	1/4	689.47	1/4	392.85	1/4	96.31	1/4	1/4	1/4		1/4	
1/2	1,862.83	1/2	1,566.53	1/2	1,270.10	1/2	973.66	1/2	683.31	1/2	386.67	1/2	90.15	1/2	1/2	1/2		1/2	
3/4	1,856.66	3/4	1,560.36	3/4	1,263.92	3/4	967.55	3/4	677.13	3/4	380.49	3/4	84.03	3/4	3/4	3/4		3/4	
1	1,850.49	1	1,554.18	1	1,257.75	1	961.44	1	670.95	1	374.31	1	77.91	1	1	1		1	
1/4	1,844.32	1/4	1,548.00	1/4	1,251.57	1/4	955.33	1/4	664.77	1/4	368.13	1/4	71.79	1/4	1/4	1/4		1/4	
1/2	1,838.16	1/2	1,541.83	1/2	1,245.40	1/2	949.21	1/2	658.59	1/2	361.95	1/2	65.67	1/2	1/2	1/2		1/2	
3/4	1,831.99	3/4	1,535.65	3/4	1,239.22	3/4	943.16	3/4	652.41	3/4	355.77	3/4	59.61	3/4	3/4	3/4		3/4	
2	1,825.82	2	1,529.48	2	1,233.04	2	937.11	2	646.23	2	349.59	2	53.54	2	2	2		2	
1/4	1,819.66	1/4	1,523.30	1/4	1,226.87	1/4	931.06	1/4	640.05	1/4	343.41	1/4	47.48	1/4	1/4	1/4		1/4	
1/2	1,813.49	1/2	1,517.13	1/2	1,220.69	1/2	925.01	1/2	633.87	1/2	337.23	1/2	41.42	1/2	1/2	1/2		1/2	
3/4	1,807.31	3/4	1,510.95	3/4	1,214.52	3/4	918.96	3/4	627.69	3/4	331.05	3/4	36.27	3/4	3/4	3/4		3/4	
3	1,801.14	3	1,504.77	3	1,208.34	3	912.91	3	621.51	3	324.87	3	31.12	3	3	3		3	
1/4	1,794.96	1/4	1,498.60	1/4	1,202.17	1/4	906.87	1/4	615.33	1/4	318.69	1/4	25.97	1/4	1/4	1/4		1/4	
1/2	1,788.79	1/2	1,492.42	1/2	1,195.99	1/2	900.82	1/2	609.15	1/2	312.51	1/2	20.81	1/2	1/2	1/2		1/2	
3/4	1,782.61	3/4	1,486.25	3/4	1,189.81	3/4	894.78	3/4	602.97	3/4	306.33	3/4	17.72	3/4	3/4	3/4		3/4	
4	1,776.44	4	1,480.07	4	1,183.64	4	888.75	4	596.79	4	300.15	4	14.62	4	4	4		4	
1/4	1,770.26	1/4	1,473.90	1/4	1,177.46	1/4	882.72	1/4	590.61	1/4	293.97	1/4	11.53	1/4	1/4	1/4		1/4	
1/2	1,764.08	1/2	1,467.72	1/2	1,171.29	1/2	876.68	1/2	584.43	1/2	287.79	1/2	8.43	1/2	1/2	1/2		1/2	
3/4	1,757.91	3/4	1,461.55	3/4	1,165.11	3/4	870.67	3/4	578.25	3/4	281.61	3/4	7.40	3/4	3/4	3/4		3/4	
5	1,751.73	5	1,455.37	5	1,158.94	5	864.65	5	572.07	5	275.43	5	6.37	5	5	5		5	
1/4	1,745.56	1/4	1,449.19	1/4	1,152.76	1/4	858.63	1/4	565.89	1/4	269.25	1/4	5.34	1/4	1/4	1/4		1/4	
1/2	1,739.38	1/2	1,443.02	1/2	1,146.58	1/2	852.62	1/2	559.71	1/2	263.07	1/2	4.31	1/2	1/2	1/2		1/2	
3/4	1,733.21	3/4	1,436.84	3/4	1,140.41	3/4	846.60	3/4	553.53	3/4	256.89	3/4		3/4	3/4	3/4		3/4	
6	1,727.03	6	1,430.67	6	1,134.23	6	840.58	6	547.35	6	250.71	6		6	6	6		6	
1/4	1,720.86	1/4	1,424.49	1/4	1,128.06	1/4	834.57	1/4	541.17	1/4	244.53	1/4		1/4	1/4	1/4		1/4	
1/2	1,714.69	1/2	1,418.32	1/2	1,121.88	1/2	828.55	1/2	534.99	1/2	238.35	1/2		1/2	1/2	1/2		1/2	
3/4	1,708.51	3/4	1,412.14	3/4	1,115.71	3/4	822.53	3/4	528.81	3/4	232.17	3/4		3/4	3/4	3/4		3/4	
7	1,702.34	7	1,405.96	7	1,109.53	7	816.51	7	522.63	7	225.99	7		7	7	7		7	
1/4	1,696.17	1/4	1,399.79	1/4	1,103.35	1/4	810.50	1/4	516.45	1/4	219.81	1/4		1/4	1/4	1/4		1/4	
1/2	1,690.00	1/2	1,393.61	1/2	1,097.18	1/2	804.48	1/2	510.27	1/2	213.63	1/2		1/2	1/2	1/2		1/2	
3/4	1,683.82	3/4	1,387.44	3/4	1,091.00	3/4	798.46	3/4	504.09	3/4	207.45	3/4		3/4	3/4	3/4		3/4	
8	1,677.65	8	1,381.26	8	1,084.83	8	792.45	8	497.91	8	201.27	8		8	8	8		8	
1/4	1,671.48	1/4	1,375.09	1/4	1,078.65	1/4	786.43	1/4	491.73	1/4	195.09	1/4		1/4	1/4	1/4		1/4	
1/2	1,665.31	1/2	1,368.91	1/2	1,072.48	1/2	780.41	1/2	485.55	1/2	188.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,659.13	3/4	1,362.73	3/4	1,066.30	3/4	774.40	3/4	479.37	3/4	182.73	3/4		3/4	3/4	3/4		3/4	
9	1,652.96	9	1,356.56	9	1,060.12	9	768.38	9	473.19	9	176.55	9		9	9	9		9	
1/4	1,646.79	1/4	1,350.38	1/4	1,053.95	1/4	762.36	1/4	467.01	1/4	170.38	1/4		1/4	1/4	1/4		1/4	
1/2	1,640.62	1/2	1,344.21	1/2	1,047.77	1/2	756.35	1/2	460.83	1/2	164.20	1/2		1/2	1/2	1/2		1/2	
3/4	1,634.44	3/4	1,338.03	3/4	1,041.60	3/4	750.33	3/4	454.65	3/4	158.01	3/4		3/4	3/4	3/4		3/4	
10	1,628.27	10	1,331.86	10	1,035.42	10	744.31	10	448.47	10	151.83	10		10	10	10		10	
1/4	1,622.10	1/4	1,325.68	1/4	1,029.25	1/4	738.30	1/4	442.29	1/4	145.64	1/4		1/4	1/4	1/4		1/4	
1/2	1,615.93	1/2	1,319.50	1/2	1,023.07	1/2	732.28	1/2	436.11	1/2	139.46	1/2		1/2	1/2	1/2		1/2	
3/4	1,609.75	3/4	1,313.33	3/4	1,016.89	3/4	726.20	3/4	429.93	3/4	133.28	3/4		3/4	3/4	3/4		3/4	
11	1,603.58	11	1,307.15	11	1,010.72	11	720.12	11	423.75	11	127.11	11		11	11	11		11	
1/4	1,597.41	1/4	1,300.98	1/4	1,004.54	1/4	714.04	1/4	417.57	1/4	120.94	1/4		1/4	1/4	1/4		1/4	
1/2	1,591.23	1/2	1,294.80	1/2	998.37	1/2	707.96	1/2	411.39	1/2	114.76	1/2		1/2	1/2	1/2		1/2	
3/4	1,585.06	3/4	1,288.63	3/4	992.19	3/4	701.79	3/4	405.21	3/4	108.61	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2013 SW
CALCULATED: 11/26/2013 CL
VERIFIED: 01/19/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 10272"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	3,470.58	0	3,244.26	0	2,982.77	0	2,721.27	0	2,459.30	0	2,196.40	0	1,933.50
1/4		1/4		1/4		1/4	3,469.67	1/4	3,238.82	1/4	2,977.32	1/4	2,715.82	1/4	2,453.82	1/4	2,190.92	1/4	1,928.02
1/2		1/2		1/2		1/2	3,468.76	1/2	3,233.37	1/2	2,971.87	1/2	2,710.37	1/2	2,448.35	1/2	2,185.45	1/2	1,922.54
3/4		3/4		3/4		3/4	3,467.84	3/4	3,227.92	3/4	2,966.42	3/4	2,704.92	3/4	2,442.87	3/4	2,179.97	3/4	1,917.07
1		1		1		1	3,466.93	1	3,222.47	1	2,960.97	1	2,699.47	1	2,437.39	1	2,174.49	1	1,911.59
1/4		1/4		1/4		1/4	3,464.19	1/4	3,217.03	1/4	2,955.53	1/4	2,694.03	1/4	2,431.91	1/4	2,169.01	1/4	1,906.11
1/2		1/2		1/2		1/2	3,461.45	1/2	3,211.58	1/2	2,950.08	1/2	2,688.58	1/2	2,426.44	1/2	2,163.54	1/2	1,900.64
3/4		3/4		3/4		3/4	3,458.71	3/4	3,206.13	3/4	2,944.63	3/4	2,683.13	3/4	2,420.96	3/4	2,158.06	3/4	1,895.16
2		2		2		2	3,455.97	2	3,200.68	2	2,939.18	2	2,677.68	2	2,415.48	2	2,152.58	2	1,889.68
1/4		1/4		1/4		1/4	3,451.53	1/4	3,195.23	1/4	2,933.73	1/4	2,672.24	1/4	2,410.01	1/4	2,147.11	1/4	1,884.20
1/2		1/2		1/2		1/2	3,447.09	1/2	3,189.79	1/2	2,928.29	1/2	2,666.79	1/2	2,404.53	1/2	2,141.63	1/2	1,878.73
3/4		3/4		3/4		3/4	3,442.66	3/4	3,184.34	3/4	2,922.84	3/4	2,661.34	3/4	2,399.05	3/4	2,136.15	3/4	1,873.25
3		3		3		3	3,438.22	3	3,178.89	3	2,917.39	3	2,655.89	3	2,393.57	3	2,130.67	3	1,867.77
1/4		1/4		1/4		1/4	3,432.91	1/4	3,173.44	1/4	2,911.94	1/4	2,650.44	1/4	2,388.10	1/4	2,125.20	1/4	1,862.30
1/2		1/2		1/2		1/2	3,427.60	1/2	3,167.99	1/2	2,906.50	1/2	2,645.00	1/2	2,382.62	1/2	2,119.72	1/2	1,856.82
3/4		3/4		3/4		3/4	3,422.29	3/4	3,162.55	3/4	2,901.05	3/4	2,639.55	3/4	2,377.14	3/4	2,114.24	3/4	1,851.34
4		4		4		4	3,416.98	4	3,157.10	4	2,895.60	4	2,634.10	4	2,371.67	4	2,108.77	4	1,845.86
1/4		1/4		1/4		1/4	3,411.64	1/4	3,151.65	1/4	2,890.15	1/4	2,628.65	1/4	2,366.19	1/4	2,103.29	1/4	1,840.39
1/2		1/2		1/2		1/2	3,406.30	1/2	3,146.20	1/2	2,884.70	1/2	2,623.20	1/2	2,360.71	1/2	2,097.81	1/2	1,834.91
3/4		3/4		3/4		3/4	3,400.96	3/4	3,140.75	3/4	2,879.26	3/4	2,617.76	3/4	2,355.24	3/4	2,092.33	3/4	1,829.43
5		5		5		5	3,395.62	5	3,135.31	5	2,873.81	5	2,612.31	5	2,349.76	5	2,086.86	5	1,823.96
1/4		1/4		1/4		1/4	3,390.27	1/4	3,129.86	1/4	2,868.36	1/4	2,606.86	1/4	2,344.28	1/4	2,081.38	1/4	1,818.48
1/2		1/2		1/2		1/2	3,384.92	1/2	3,124.41	1/2	2,862.91	1/2	2,601.41	1/2	2,338.80	1/2	2,075.90	1/2	1,813.00
3/4		3/4		3/4		3/4	3,379.57	3/4	3,118.96	3/4	2,857.46	3/4	2,595.96	3/4	2,333.33	3/4	2,070.43	3/4	1,807.53
6		6		6		6	3,374.22	6	3,113.52	6	2,852.02	6	2,590.52	6	2,327.85	6	2,064.95	6	1,802.05
1/4		1/4		1/4		1/4	3,368.87	1/4	3,108.07	1/4	2,846.57	1/4	2,585.07	1/4	2,322.37	1/4	2,059.47	1/4	1,796.57
1/2		1/2		1/2		1/2	3,363.52	1/2	3,102.62	1/2	2,841.12	1/2	2,579.62	1/2	2,316.90	1/2	2,053.99	1/2	1,791.09
3/4		3/4		3/4		3/4	3,358.17	3/4	3,097.17	3/4	2,835.67	3/4	2,574.17	3/4	2,311.42	3/4	2,048.52	3/4	1,785.62
7		7		7		7	3,352.82	7	3,091.72	7	2,830.22	7	2,568.73	7	2,305.94	7	2,043.04	7	1,780.14
1/4		1/4		1/4		1/4	3,347.48	1/4	3,086.28	1/4	2,824.78	1/4	2,563.28	1/4	2,300.46	1/4	2,037.56	1/4	1,774.66
1/2		1/2		1/2		1/2	3,342.13	1/2	3,080.83	1/2	2,819.33	1/2	2,557.83	1/2	2,294.99	1/2	2,032.09	1/2	1,769.19
3/4		3/4		3/4		3/4	3,336.78	3/4	3,075.38	3/4	2,813.88	3/4	2,552.38	3/4	2,289.51	3/4	2,026.61	3/4	1,763.71
8		8		8		8	3,331.43	8	3,069.93	8	2,808.43	8	2,546.93	8	2,284.03	8	2,021.13	8	1,758.23
1/4		1/4		1/4		1/4	3,325.98	1/4	3,064.48	1/4	2,802.98	1/4	2,541.46	1/4	2,278.56	1/4	2,015.65	1/4	1,752.75
1/2		1/2		1/2		1/2	3,320.54	1/2	3,059.04	1/2	2,797.54	1/2	2,535.98	1/2	2,273.08	1/2	2,010.18	1/2	1,747.28
3/4		3/4		3/4		3/4	3,315.09	3/4	3,053.59	3/4	2,792.09	3/4	2,530.50	3/4	2,267.60	3/4	2,004.70	3/4	1,741.80
9		9		9		9	3,309.64	9	3,048.14	9	2,786.64	9	2,525.03	9	2,262.12	9	1,999.22	9	1,736.32
1/4		1/4		1/4		1/4	3,304.19	1/4	3,042.69	1/4	2,781.19	1/4	2,519.55	1/4	2,256.65	1/4	1,993.75	1/4	1,730.85
1/2		1/2		1/2		1/2	3,298.74	1/2	3,037.24	1/2	2,775.75	1/2	2,514.07	1/2	2,251.17	1/2	1,988.27	1/2	1,725.37
3/4		3/4		3/4		3/4	3,293.30	3/4	3,031.80	3/4	2,770.30	3/4	2,508.59	3/4	2,245.69	3/4	1,982.79	3/4	1,719.89
10		10		10		10	3,287.85	10	3,026.35	10	2,764.85	10	2,503.12	10	2,240.22	10	1,977.32	10	1,714.41
1/4		1/4		1/4		1/4	3,282.40	1/4	3,020.90	1/4	2,759.40	1/4	2,497.64	1/4	2,234.74	1/4	1,971.84	1/4	1,708.94
1/2		1/2		1/2		1/2	3,276.95	1/2	3,015.45	1/2	2,753.95	1/2	2,492.16	1/2	2,229.26	1/2	1,966.36	1/2	1,703.46
3/4		3/4		3/4		3/4	3,271.50	3/4	3,010.01	3/4	2,748.51	3/4	2,486.69	3/4	2,223.78	3/4	1,960.88	3/4	1,697.98
11		11		11		11	3,266.06	11	3,004.56	11	2,743.06	11	2,481.21	11	2,218.31	11	1,955.41	11	1,692.51
1/4		1/4		1/4		1/4	3,260.61	1/4	2,999.11	1/4	2,737.61	1/4	2,475.73	1/4	2,212.83	1/4	1,949.93	1/4	1,687.03
1/2		1/2		1/2		1/2	3,255.16	1/2	2,993.66	1/2	2,732.16	1/2	2,470.25	1/2	2,207.35	1/2	1,944.45	1/2	1,681.55
3/4		3/4		3/4		3/4	3,249.71	3/4	2,988.21	3/4	2,726.71	3/4	2,464.78	3/4	2,201.88	3/4	1,938.98	3/4	1,676.07

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 ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10272"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	1,670.60	0	1,407.70	0	1,144.63	0	883.43	0	624.44	0	361.40	0	98.44	0		0		0	
1/4	1,665.12	1/4	1,402.22	1/4	1,139.15	1/4	878.04	1/4	618.96	1/4	355.92	1/4	93.00	1/4		1/4		1/4	
1/2	1,659.64	1/2	1,396.74	1/2	1,133.67	1/2	872.64	1/2	613.48	1/2	350.44	1/2	87.55	1/2		1/2		1/2	
3/4	1,654.17	3/4	1,391.26	3/4	1,128.19	3/4	867.24	3/4	608.00	3/4	344.96	3/4	82.11	3/4		3/4		3/4	
1	1,648.69	1	1,385.77	1	1,122.71	1	861.85	1	602.52	1	339.48	1	76.66	1		1		1	
1/4	1,643.21	1/4	1,380.29	1/4	1,117.23	1/4	856.45	1/4	597.04	1/4	334.00	1/4	71.24	1/4		1/4		1/4	
1/2	1,637.74	1/2	1,374.81	1/2	1,111.75	1/2	851.06	1/2	591.56	1/2	328.52	1/2	65.83	1/2		1/2		1/2	
3/4	1,632.26	3/4	1,369.33	3/4	1,106.27	3/4	845.66	3/4	586.08	3/4	323.03	3/4	60.41	3/4		3/4		3/4	
2	1,626.78	2	1,363.85	2	1,100.79	2	840.26	2	580.60	2	317.55	2	54.99	2		2		2	
1/4	1,621.30	1/4	1,358.37	1/4	1,095.31	1/4	834.87	1/4	575.12	1/4	312.07	1/4	49.63	1/4		1/4		1/4	
1/2	1,615.83	1/2	1,352.89	1/2	1,089.83	1/2	829.47	1/2	569.64	1/2	306.59	1/2	44.26	1/2		1/2		1/2	
3/4	1,610.35	3/4	1,347.41	3/4	1,084.35	3/4	824.08	3/4	564.16	3/4	301.11	3/4	38.89	3/4		3/4		3/4	
3	1,604.87	3	1,341.93	3	1,078.87	3	818.68	3	558.68	3	295.63	3	33.52	3		3		3	
1/4	1,599.40	1/4	1,336.45	1/4	1,073.39	1/4	813.29	1/4	553.20	1/4	290.15	1/4	28.97	1/4		1/4		1/4	
1/2	1,593.92	1/2	1,330.97	1/2	1,067.91	1/2	807.90	1/2	547.72	1/2	284.67	1/2	24.41	1/2		1/2		1/2	
3/4	1,588.44	3/4	1,325.49	3/4	1,062.43	3/4	802.51	3/4	542.24	3/4	279.19	3/4	19.85	3/4		3/4		3/4	
4	1,582.96	4	1,320.01	4	1,056.94	4	797.12	4	536.76	4	273.71	4	15.29	4		4		4	
1/4	1,577.49	1/4	1,314.53	1/4	1,051.46	1/4	791.73	1/4	531.28	1/4	268.23	1/4	12.55	1/4		1/4		1/4	
1/2	1,572.01	1/2	1,309.05	1/2	1,045.98	1/2	786.34	1/2	525.80	1/2	262.75	1/2	9.81	1/2		1/2		1/2	
3/4	1,566.53	3/4	1,303.57	3/4	1,040.50	3/4	780.95	3/4	520.32	3/4	257.27	3/4	7.07	3/4		3/4		3/4	
5	1,561.06	5	1,298.09	5	1,035.02	5	775.56	5	514.84	5	251.79	5	4.33	5		5		5	
1/4	1,555.58	1/4	1,292.61	1/4	1,029.54	1/4	770.17	1/4	509.36	1/4	246.31	1/4	3.42	1/4		1/4		1/4	
1/2	1,550.10	1/2	1,287.13	1/2	1,024.06	1/2	764.78	1/2	503.88	1/2	240.83	1/2	2.50	1/2		1/2		1/2	
3/4	1,544.62	3/4	1,281.65	3/4	1,018.58	3/4	759.39	3/4	498.40	3/4	235.35	3/4	1.59	3/4		3/4		3/4	
6	1,539.15	6	1,276.16	6	1,013.10	6	754.00	6	492.92	6	229.87	6	0.68	6		6		6	
1/4	1,533.67	1/4	1,270.68	1/4	1,007.66	1/4	748.60	1/4	487.44	1/4	224.39	1/4		1/4		1/4		1/4	
1/2	1,528.19	1/2	1,265.20	1/2	1,002.22	1/2	743.21	1/2	481.96	1/2	218.91	1/2		1/2		1/2		1/2	
3/4	1,522.72	3/4	1,259.72	3/4	996.79	3/4	737.82	3/4	476.48	3/4	213.43	3/4		3/4		3/4		3/4	
7	1,517.24	7	1,254.24	7	991.35	7	732.43	7	471.00	7	207.95	7		7		7		7	
1/4	1,511.76	1/4	1,248.76	1/4	985.95	1/4	727.04	1/4	465.52	1/4	202.47	1/4		1/4		1/4		1/4	
1/2	1,506.28	1/2	1,243.28	1/2	980.56	1/2	721.65	1/2	460.04	1/2	196.99	1/2		1/2		1/2		1/2	
3/4	1,500.81	3/4	1,237.80	3/4	975.16	3/4	716.26	3/4	454.56	3/4	191.51	3/4		3/4		3/4		3/4	
8	1,495.33	8	1,232.32	8	969.76	8	710.87	8	449.08	8	186.03	8		8		8		8	
1/4	1,489.85	1/4	1,226.84	1/4	964.37	1/4	705.48	1/4	443.60	1/4	180.55	1/4		1/4		1/4		1/4	
1/2	1,484.38	1/2	1,221.36	1/2	958.97	1/2	700.09	1/2	438.12	1/2	175.07	1/2		1/2		1/2		1/2	
3/4	1,478.90	3/4	1,215.88	3/4	953.58	3/4	694.70	3/4	432.64	3/4	169.59	3/4		3/4		3/4		3/4	
9	1,473.42	9	1,210.40	9	948.18	9	689.31	9	427.16	9	164.11	9		9		9		9	
1/4	1,467.94	1/4	1,204.92	1/4	942.78	1/4	683.92	1/4	421.68	1/4	158.63	1/4		1/4		1/4		1/4	
1/2	1,462.47	1/2	1,199.44	1/2	937.39	1/2	678.53	1/2	416.20	1/2	153.15	1/2		1/2		1/2		1/2	
3/4	1,456.99	3/4	1,193.96	3/4	931.99	3/4	673.14	3/4	410.72	3/4	147.67	3/4		3/4		3/4		3/4	
10	1,451.51	10	1,188.48	10	926.60	10	667.75	10	405.24	10	142.19	10		10		10		10	
1/4	1,446.04	1/4	1,183.00	1/4	921.20	1/4	662.36	1/4	399.76	1/4	136.72	1/4		1/4		1/4		1/4	
1/2	1,440.56	1/2	1,177.52	1/2	915.81	1/2	656.97	1/2	394.28	1/2	131.25	1/2		1/2		1/2		1/2	
3/4	1,435.08	3/4	1,172.04	3/4	910.41	3/4	651.58	3/4	388.80	3/4	125.77	3/4		3/4		3/4		3/4	
11	1,429.61	11	1,166.55	11	905.01	11	646.19	11	383.32	11	120.30	11		11		11		11	
1/4	1,424.13	1/4	1,161.07	1/4	899.62	1/4	640.75	1/4	377.84	1/4	114.83	1/4		1/4		1/4		1/4	
1/2	1,418.65	1/2	1,155.59	1/2	894.22	1/2	635.32	1/2	372.36	1/2	109.37	1/2		1/2		1/2		1/2	
3/4	1,413.17	3/4	1,150.11	3/4	888.83	3/4	629.88	3/4	366.88	3/4	103.91	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2013 SW
CALCULATED: 11/26/2013 CL
VERIFIED: 01/19/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 10272"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

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	3,230.28	0	2,970.70	0	2,711.11	0	2,451.08	0	2,190.10	0	1,929.12		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,449.54	1/4	3,224.88	1/4	2,965.29	1/4	2,705.70	1/4	2,445.65	1/4	2,184.67	1/4	1,923.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,448.64	1/2	3,219.47	1/2	2,959.88	1/2	2,700.29	1/2	2,440.21	1/2	2,179.23	1/2	1,918.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,447.73	3/4	3,214.06	3/4	2,954.47	3/4	2,694.88	3/4	2,434.77	3/4	2,173.79	3/4	1,912.81
1		1		1		1		1	3,208.82	1	2,948.65	1	2,689.06	1	2,429.33	1	2,168.35	1	1,907.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,445.92	1/4	3,203.24	1/4	2,943.66	1/4	2,684.07	1/4	2,423.90	1/4	2,162.92	1/4	1,901.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,443.19	1/2	3,197.84	1/2	2,938.25	1/2	2,678.66	1/2	2,418.46	1/2	2,157.48	1/2	1,896.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,440.47	3/4	3,192.43	3/4	2,932.84	3/4	2,673.25	3/4	2,413.02	3/4	2,152.04	3/4	1,891.06
2		2		2		2		2	3,437.75	2	3,187.02	2	2,927.43	2	2,667.84	2	2,407.59	2	2,146.61	2	1,885.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,435.03	1/4	3,181.61	1/4	2,922.02	1/4	2,662.43	1/4	2,402.15	1/4	2,141.17	1/4	1,880.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,430.63	1/2	3,176.20	1/2	2,916.61	1/2	2,657.03	1/2	2,396.71	1/2	2,135.73	1/2	1,874.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,426.23	3/4	3,170.80	3/4	2,911.21	3/4	2,651.62	3/4	2,391.28	3/4	2,130.29	3/4	1,869.31
3		3		3		3		3	3,421.82	3	3,165.39	3	2,905.80	3	2,646.21	3	2,385.84	3	2,124.86	3	1,863.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,417.42	1/4	3,159.98	1/4	2,900.39	1/4	2,640.80	1/4	2,380.40	1/4	2,119.42	1/4	1,858.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,412.15	1/2	3,154.57	1/2	2,894.98	1/2	2,635.39	1/2	2,374.96	1/2	2,113.98	1/2	1,853.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,406.88	3/4	3,149.16	3/4	2,889.57	3/4	2,629.99	3/4	2,369.53	3/4	2,108.55	3/4	1,847.57
4		4		4		4		4	3,401.61	4	3,143.76	4	2,884.17	4	2,624.58	4	2,364.09	4	2,103.11	4	1,842.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,396.34	1/4	3,138.35	1/4	2,878.76	1/4	2,619.17	1/4	2,358.65	1/4	2,097.67	1/4	1,836.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,391.04	1/2	3,132.94	1/2	2,873.35	1/2	2,613.76	1/2	2,353.22	1/2	2,092.23	1/2	1,831.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,385.74	3/4	3,127.53	3/4	2,867.94	3/4	2,608.35	3/4	2,347.78	3/4	2,086.80	3/4	1,825.82
5		5		5		5		5	3,380.44	5	3,122.12	5	2,862.53	5	2,602.95	5	2,342.34	5	2,081.36	5	1,820.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,375.14	1/4	3,116.71	1/4	2,857.13	1/4	2,597.54	1/4	2,336.90	1/4	2,075.92	1/4	1,814.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,369.82	1/2	3,111.31	1/2	2,851.72	1/2	2,592.13	1/2	2,331.47	1/2	2,070.49	1/2	1,809.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,364.51	3/4	3,105.90	3/4	2,846.31	3/4	2,586.72	3/4	2,326.03	3/4	2,065.05	3/4	1,804.07
6		6		6		6		6	3,359.19	6	3,100.49	6	2,840.90	6	2,581.31	6	2,320.59	6	2,059.61	6	1,798.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,353.88	1/4	3,095.08	1/4	2,835.49	1/4	2,575.90	1/4	2,315.16	1/4	2,054.17	1/4	1,793.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,348.57	1/2	3,089.67	1/2	2,830.09	1/2	2,570.50	1/2	2,309.72	1/2	2,048.74	1/2	1,787.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,343.26	3/4	3,084.27	3/4	2,824.68	3/4	2,565.09	3/4	2,304.28	3/4	2,043.30	3/4	1,782.32
7		7		7		7		7	3,337.95	7	3,078.86	7	2,819.27	7	2,559.68	7	2,298.84	7	2,037.86	7	1,776.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,332.64	1/4	3,073.45	1/4	2,813.86	1/4	2,554.27	1/4	2,293.41	1/4	2,032.43	1/4	1,771.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,327.33	1/2	3,068.04	1/2	2,808.45	1/2	2,548.86	1/2	2,287.97	1/2	2,026.99	1/2	1,766.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,322.02	3/4	3,062.63	3/4	2,803.04	3/4	2,543.46	3/4	2,282.53	3/4	2,021.55	3/4	1,760.57
8		8		8		8		8	3,316.72	8	3,057.23	8	2,797.64	8	2,538.05	8	2,277.10	8	2,016.12	8	1,755.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,311.41	1/4	3,051.82	1/4	2,792.23	1/4	2,532.64	1/4	2,271.66	1/4	2,010.68	1/4	1,749.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,306.00	1/2	3,046.41	1/2	2,786.82	1/2	2,527.20	1/2	2,266.22	1/2	2,005.24	1/2	1,744.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,300.59	3/4	3,041.00	3/4	2,781.41	3/4	2,521.77	3/4	2,260.78	3/4	1,999.80	3/4	1,738.82
9		9		9		9		9	3,295.18	9	3,035.59	9	2,776.00	9	2,516.33	9	2,255.35	9	1,994.37	9	1,733.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,289.77	1/4	3,030.18	1/4	2,770.60	1/4	2,510.89	1/4	2,249.91	1/4	1,988.93	1/4	1,727.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,284.37	1/2	3,024.78	1/2	2,765.19	1/2	2,505.45	1/2	2,244.47	1/2	1,983.49	1/2	1,722.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,278.96	3/4	3,019.37	3/4	2,759.78	3/4	2,500.02	3/4	2,239.04	3/4	1,978.06	3/4	1,717.07
10		10		10		10		10	3,273.55	10	3,013.96	10	2,754.37	10	2,494.58	10	2,233.60	10	1,972.62	10	1,711.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,268.14	1/4	3,008.55	1/4	2,748.96	1/4	2,489.14	1/4	2,228.16	1/4	1,967.18	1/4	1,706.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,262.73	1/2	3,003.14	1/2	2,743.56	1/2	2,483.71	1/2	2,222.73	1/2	1,961.74	1/2	1,700.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,257.33	3/4	2,997.74	3/4	2,738.15	3/4	2,478.27	3/4	2,217.29	3/4	1,956.31	3/4	1,695.33
11		11		11		11		11	3,251.92	11	2,992.33	11	2,732.74	11	2,472.83	11	2,211.85	11	1,950.87	11	1,689.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,246.51	1/4	2,986.92	1/4	2,727.33	1/4	2,467.39	1/4	2,206.41	1/4	1,945.43	1/4	1,684.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,241.10	1/2	2,981.51	1/2	2,721.92	1/2	2,461.96	1/2	2,200.98	1/2	1,940.00	1/2	1,679.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,235.69	3/4	2,976.10	3/4	2,716.52	3/4	2,456.52	3/4	2,195.54	3/4	1,934.56	3/4	1,673.58

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 ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10272"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,668.14	0	1,407.16	0	1,146.01	0	885.69	0	625.34	0	364.21	0	103.15	0		0		0	
1/4	1,662.70	1/4	1,401.72	1/4	1,140.57	1/4	880.29	1/4	619.90	1/4	358.77	1/4	97.73	1/4	1/4	1/4		1/4	1/4
1/2	1,657.27	1/2	1,396.28	1/2	1,135.13	1/2	874.89	1/2	614.46	1/2	353.33	1/2	92.32	1/2	1/2	1/2		1/2	1/2
3/4	1,651.83	3/4	1,390.84	3/4	1,129.69	3/4	869.48	3/4	609.02	3/4	347.89	3/4	86.92	3/4	3/4	3/4		3/4	3/4
1	1,646.39	1	1,385.40	1	1,124.25	1	864.08	1	603.58	1	342.45	1	81.51	1	1	1		1	1
1/4	1,640.96	1/4	1,379.96	1/4	1,118.81	1/4	858.67	1/4	598.14	1/4	337.01	1/4	76.11	1/4	1/4	1/4		1/4	1/4
1/2	1,635.52	1/2	1,374.52	1/2	1,113.37	1/2	853.27	1/2	592.70	1/2	331.57	1/2	70.73	1/2	1/2	1/2		1/2	1/2
3/4	1,630.08	3/4	1,369.08	3/4	1,107.93	3/4	847.86	3/4	587.26	3/4	326.13	3/4	65.35	3/4	3/4	3/4		3/4	3/4
2	1,624.64	2	1,363.64	2	1,102.48	2	842.46	2	581.82	2	320.69	2	59.97	2	2	2		2	2
1/4	1,619.21	1/4	1,358.20	1/4	1,097.04	1/4	837.05	1/4	576.38	1/4	315.25	1/4	54.60	1/4	1/4	1/4		1/4	1/4
1/2	1,613.77	1/2	1,352.76	1/2	1,091.60	1/2	831.65	1/2	570.94	1/2	309.81	1/2	49.27	1/2	1/2	1/2		1/2	1/2
3/4	1,608.33	3/4	1,347.32	3/4	1,086.16	3/4	826.25	3/4	565.50	3/4	304.37	3/4	43.94	3/4	3/4	3/4		3/4	3/4
3	1,602.90	3	1,341.88	3	1,080.72	3	820.84	3	560.06	3	298.93	3	38.61	3	3	3		3	3
1/4	1,597.46	1/4	1,336.43	1/4	1,075.28	1/4	815.44	1/4	554.62	1/4	293.49	1/4	33.28	1/4	1/4	1/4		1/4	1/4
1/2	1,592.02	1/2	1,330.99	1/2	1,069.84	1/2	810.04	1/2	549.18	1/2	288.05	1/2	28.76	1/2	1/2	1/2		1/2	1/2
3/4	1,586.58	3/4	1,325.55	3/4	1,064.40	3/4	804.64	3/4	543.74	3/4	282.61	3/4	24.23	3/4	3/4	3/4		3/4	3/4
4	1,581.15	4	1,320.11	4	1,058.96	4	799.24	4	538.30	4	277.17	4	19.71	4	4	4		4	4
1/4	1,575.71	1/4	1,314.67	1/4	1,053.52	1/4	793.84	1/4	532.86	1/4	271.73	1/4	15.18	1/4	1/4	1/4		1/4	1/4
1/2	1,570.27	1/2	1,309.23	1/2	1,048.08	1/2	788.41	1/2	527.42	1/2	266.29	1/2	12.46	1/2	1/2	1/2		1/2	1/2
3/4	1,564.84	3/4	1,303.79	3/4	1,042.64	3/4	782.97	3/4	521.98	3/4	260.85	3/4	9.74	3/4	3/4	3/4		3/4	3/4
5	1,559.40	5	1,298.35	5	1,037.20	5	777.54	5	516.54	5	255.41	5	7.02	5	5	5		5	5
1/4	1,553.96	1/4	1,292.91	1/4	1,031.76	1/4	772.10	1/4	511.10	1/4	249.97	1/4	4.30	1/4	1/4	1/4		1/4	1/4
1/2	1,548.52	1/2	1,287.47	1/2	1,026.31	1/2	766.67	1/2	505.66	1/2	244.53	1/2	3.40	1/2	1/2	1/2		1/2	1/2
3/4	1,543.09	3/4	1,282.03	3/4	1,020.87	3/4	761.23	3/4	500.21	3/4	239.09	3/4	2.49	3/4	3/4	3/4		3/4	3/4
6	1,537.65	6	1,276.59	6	1,015.43	6	755.80	6	494.77	6	233.65	6	1.58	6	6	6		6	6
1/4	1,532.21	1/4	1,271.15	1/4	1,009.99	1/4	750.36	1/4	489.33	1/4	228.20	1/4	0.68	1/4	1/4	1/4		1/4	1/4
1/2	1,526.78	1/2	1,265.71	1/2	1,004.59	1/2	744.92	1/2	483.89	1/2	222.76	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,521.34	3/4	1,260.26	3/4	999.18	3/4	739.49	3/4	478.45	3/4	217.32	3/4		3/4	3/4	3/4		3/4	3/4
7	1,515.90	7	1,254.82	7	993.78	7	734.05	7	473.01	7	211.88	7		7	7	7		7	7
1/4	1,510.46	1/4	1,249.38	1/4	988.38	1/4	728.62	1/4	467.57	1/4	206.44	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,505.03	1/2	1,243.94	1/2	982.97	1/2	723.18	1/2	462.13	1/2	201.00	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,499.59	3/4	1,238.50	3/4	977.57	3/4	717.75	3/4	456.69	3/4	195.56	3/4		3/4	3/4	3/4		3/4	3/4
8	1,494.15	8	1,233.06	8	972.16	8	712.31	8	451.25	8	190.12	8		8	8	8		8	8
1/4	1,488.72	1/4	1,227.62	1/4	966.76	1/4	706.88	1/4	445.81	1/4	184.68	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,483.28	1/2	1,222.18	1/2	961.35	1/2	701.44	1/2	440.37	1/2	179.24	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,477.84	3/4	1,216.74	3/4	955.95	3/4	696.01	3/4	434.93	3/4	173.80	3/4		3/4	3/4	3/4		3/4	3/4
9	1,472.41	9	1,211.30	9	950.55	9	690.57	9	429.49	9	168.36	9		9	9	9		9	9
1/4	1,466.97	1/4	1,205.86	1/4	945.14	1/4	685.14	1/4	424.05	1/4	162.92	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,461.53	1/2	1,200.42	1/2	939.74	1/2	679.70	1/2	418.61	1/2	157.48	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,456.09	3/4	1,194.98	3/4	934.33	3/4	674.27	3/4	413.17	3/4	152.04	3/4		3/4	3/4	3/4		3/4	3/4
10	1,450.66	10	1,189.54	10	928.93	10	668.83	10	407.73	10	146.60	10		10	10	10		10	10
1/4	1,445.22	1/4	1,184.09	1/4	923.52	1/4	663.39	1/4	402.29	1/4	141.16	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,439.78	1/2	1,178.65	1/2	918.12	1/2	657.96	1/2	396.85	1/2	135.73	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,434.35	3/4	1,173.21	3/4	912.72	3/4	652.53	3/4	391.41	3/4	130.29	3/4		3/4	3/4	3/4		3/4	3/4
11	1,428.91	11	1,167.77	11	907.31	11	647.09	11	385.97	11	124.86	11		11	11	11		11	11
1/4	1,423.47	1/4	1,162.33	1/4	901.91	1/4	641.66	1/4	380.53	1/4	119.42	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,418.03	1/2	1,156.89	1/2	896.50	1/2	636.22	1/2	375.09	1/2	114.00	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,412.60	3/4	1,151.45	3/4	891.10	3/4	630.78	3/4	369.65	3/4	108.58	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2013 SW
CALCULATED: 11/26/2013 CL
VERIFIED: 01/19/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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