



BARGE "KIRBY 10060"

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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

May 11, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 10060"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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		0	3,550.42	0	3,297.78	0	3,045.14	0	2,786.83	0	2,491.56	0	2,195.57		
1/4		1/4		1/4		1/4		1/4	3,545.16	1/4	3,292.52	1/4	3,039.88	1/4	2,780.68	1/4	2,485.39	1/4	2,189.41		
1/2		1/2		1/2		1/2		1/2	3,760.49	1/2	3,539.89	1/2	3,287.25	1/2	3,034.62	1/2	2,774.54	1/2	2,479.23	1/2	2,183.24
3/4		3/4		3/4		3/4		3/4	3,759.46	3/4	3,534.63	3/4	3,281.99	3/4	3,029.35	3/4	2,768.39	3/4	2,473.06	3/4	2,177.07
1		1		1		1		1	3,529.43	1	3,279.37	1	3,024.09	1	2,762.24	1	2,466.89	1	2,170.91		
1/4		1/4		1/4		1/4		1/4	3,757.40	1/4	3,524.10	1/4	3,271.46	1/4	3,018.83	1/4	2,756.09	1/4	2,460.73	1/4	2,164.74
1/2		1/2		1/2		1/2		1/2	3,756.37	1/2	3,518.84	1/2	3,266.20	1/2	3,013.56	1/2	2,749.95	1/2	2,454.56	1/2	2,158.57
3/4		3/4		3/4		3/4		3/4	3,753.27	3/4	3,513.58	3/4	3,260.94	3/4	3,008.30	3/4	2,743.80	3/4	2,448.39	3/4	2,152.41
2		2		2		2		2	3,750.18	2	3,508.31	2	3,255.67	2	3,003.04	2	2,737.65	2	2,442.23	2	2,146.24
1/4		1/4		1/4		1/4		1/4	3,747.08	1/4	3,503.05	1/4	3,250.41	1/4	2,997.77	1/4	2,731.50	1/4	2,436.06	1/4	2,140.07
1/2		1/2		1/2		1/2		1/2	3,743.98	1/2	3,497.79	1/2	3,245.15	1/2	2,992.51	1/2	2,725.36	1/2	2,429.90	1/2	2,133.91
3/4		3/4		3/4		3/4		3/4	3,739.84	3/4	3,492.52	3/4	3,239.88	3/4	2,987.25	3/4	2,719.21	3/4	2,423.73	3/4	2,127.74
3		3		3		3		3	3,735.69	3	3,487.26	3	3,234.62	3	2,981.98	3	2,713.06	3	2,417.56	3	2,121.58
1/4		1/4		1/4		1/4		1/4	3,731.55	1/4	3,482.00	1/4	3,229.36	1/4	2,976.72	1/4	2,706.91	1/4	2,411.40	1/4	2,115.41
1/2		1/2		1/2		1/2		1/2	3,727.40	1/2	3,476.73	1/2	3,224.09	1/2	2,971.46	1/2	2,700.77	1/2	2,405.23	1/2	2,109.24
3/4		3/4		3/4		3/4		3/4	3,722.28	3/4	3,471.47	3/4	3,218.83	3/4	2,966.19	3/4	2,694.62	3/4	2,399.06	3/4	2,103.08
4		4		4		4		4	3,717.15	4	3,466.21	4	3,213.57	4	2,960.93	4	2,688.47	4	2,392.90	4	2,096.91
1/4		1/4		1/4		1/4		1/4	3,712.02	1/4	3,460.94	1/4	3,208.30	1/4	2,955.67	1/4	2,682.32	1/4	2,386.73	1/4	2,090.74
1/2		1/2		1/2		1/2		1/2	3,706.89	1/2	3,455.68	1/2	3,203.04	1/2	2,950.40	1/2	2,676.18	1/2	2,380.56	1/2	2,084.58
3/4		3/4		3/4		3/4		3/4	3,701.72	3/4	3,450.42	3/4	3,197.78	3/4	2,945.14	3/4	2,670.03	3/4	2,374.40	3/4	2,078.41
5		5		5		5		5	3,696.56	5	3,445.15	5	3,192.51	5	2,939.88	5	2,663.88	5	2,368.23	5	2,072.24
1/4		1/4		1/4		1/4		1/4	3,691.39	1/4	3,439.89	1/4	3,187.25	1/4	2,934.61	1/4	2,657.73	1/4	2,362.06	1/4	2,066.08
1/2		1/2		1/2		1/2		1/2	3,686.23	1/2	3,434.63	1/2	3,181.99	1/2	2,929.35	1/2	2,651.58	1/2	2,355.90	1/2	2,059.91
3/4		3/4		3/4		3/4		3/4	3,681.05	3/4	3,429.36	3/4	3,176.72	3/4	2,924.09	3/4	2,645.44	3/4	2,349.73	3/4	2,053.74
6		6		6		6		6	3,675.87	6	3,424.10	6	3,171.46	6	2,918.82	6	2,639.29	6	2,343.57	6	2,047.58
1/4		1/4		1/4		1/4		1/4	3,670.69	1/4	3,418.84	1/4	3,166.20	1/4	2,913.56	1/4	2,633.14	1/4	2,337.40	1/4	2,041.41
1/2		1/2		1/2		1/2		1/2	3,665.51	1/2	3,413.57	1/2	3,160.93	1/2	2,908.30	1/2	2,626.99	1/2	2,331.23	1/2	2,035.25
3/4		3/4		3/4		3/4		3/4	3,660.34	3/4	3,408.31	3/4	3,155.67	3/4	2,903.03	3/4	2,620.85	3/4	2,325.07	3/4	2,029.08
7		7		7		7		7	3,655.16	7	3,403.05	7	3,150.41	7	2,897.77	7	2,614.70	7	2,318.90	7	2,022.91
1/4		1/4		1/4		1/4		1/4	3,649.99	1/4	3,397.78	1/4	3,145.14	1/4	2,892.51	1/4	2,608.55	1/4	2,312.73	1/4	2,016.75
1/2		1/2		1/2		1/2		1/2	3,644.81	1/2	3,392.52	1/2	3,139.88	1/2	2,887.24	1/2	2,602.40	1/2	2,306.57	1/2	2,010.58
3/4		3/4		3/4		3/4		3/4	3,639.63	3/4	3,387.26	3/4	3,134.62	3/4	2,881.98	3/4	2,596.26	3/4	2,300.40	3/4	2,004.41
8		8		8		8		8	3,634.46	8	3,381.99	8	3,129.35	8	2,876.72	8	2,590.11	8	2,294.23	8	1,998.25
1/4		1/4		1/4		1/4		1/4	3,629.28	1/4	3,376.73	1/4	3,124.09	1/4	2,871.45	1/4	2,583.96	1/4	2,288.07	1/4	1,992.08
1/2		1/2		1/2		1/2		1/2	3,624.10	1/2	3,371.47	1/2	3,118.83	1/2	2,866.19	1/2	2,577.81	1/2	2,281.90	1/2	1,985.91
3/4		3/4		3/4		3/4		3/4	3,618.84	3/4	3,366.20	3/4	3,113.56	3/4	2,860.90	3/4	2,571.67	3/4	2,275.74	3/4	1,979.75
9		9		9		9		9	3,613.58	9	3,360.94	9	3,108.30	9	2,855.61	9	2,565.52	9	2,269.57	9	1,973.58
1/4		1/4		1/4		1/4		1/4	3,608.31	1/4	3,355.68	1/4	3,103.04	1/4	2,850.32	1/4	2,559.37	1/4	2,263.40	1/4	1,967.42
1/2		1/2		1/2		1/2		1/2	3,603.05	1/2	3,350.41	1/2	3,097.77	1/2	2,845.04	1/2	2,553.22	1/2	2,257.24	1/2	1,961.25
3/4		3/4		3/4		3/4		3/4	3,597.79	3/4	3,345.15	3/4	3,092.51	3/4	2,839.75	3/4	2,547.06	3/4	2,251.07	3/4	1,955.08
10		10		10		10		10	3,592.52	10	3,339.89	10	3,087.25	10	2,834.46	10	2,540.89	10	2,244.90	10	1,948.92
1/4		1/4		1/4		1/4		1/4	3,587.26	1/4	3,334.62	1/4	3,081.98	1/4	2,829.17	1/4	2,534.72	1/4	2,238.74	1/4	1,942.75
1/2		1/2		1/2		1/2		1/2	3,582.00	1/2	3,329.36	1/2	3,076.72	1/2	2,823.88	1/2	2,528.56	1/2	2,232.57	1/2	1,936.58
3/4		3/4		3/4		3/4		3/4	3,576.74	3/4	3,324.10	3/4	3,071.46	3/4	2,817.69	3/4	2,522.39	3/4	2,226.40	3/4	1,930.42
11		11		11		11		11	3,571.47	11	3,318.83	11	3,066.19	11	2,811.51	11	2,516.22	11	2,220.24	11	1,924.25
1/4		1/4		1/4		1/4		1/4	3,566.21	1/4	3,313.57	1/4	3,060.93	1/4	2,805.32	1/4	2,510.06	1/4	2,214.07	1/4	1,918.08
1/2		1/2		1/2		1/2		1/2	3,560.95	1/2	3,308.31	1/2	3,055.67	1/2	2,799.13	1/2	2,503.89	1/2	2,207.90	1/2	1,911.92
3/4		3/4		3/4		3/4		3/4	3,555.68	3/4	3,303.04	3/4	3,050.40	3/4	2,792.98	3/4	2,497.73	3/4	2,201.74	3/4	1,905.75

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 31'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "KIRBY 10060"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,899.58	0	1,603.37	0	1,306.98	0	1,010.59	0	720.02	0	423.70	0	127.09	0		0		0	
1/4	1,893.42	1/4	1,597.20	1/4	1,300.81	1/4	1,004.41	1/4	713.94	1/4	417.52	1/4	120.92	1/4	1/4	1/4		1/4	1/4
1/2	1,887.25	1/2	1,591.03	1/2	1,294.63	1/2	998.24	1/2	707.86	1/2	411.34	1/2	114.75	1/2	1/2	1/2		1/2	1/2
3/4	1,881.09	3/4	1,584.85	3/4	1,288.46	3/4	992.06	3/4	701.70	3/4	405.16	3/4	108.60	3/4	3/4	3/4		3/4	3/4
1	1,874.92	1	1,578.68	1	1,282.28	1	985.89	1	695.54	1	398.98	1	102.45	1	1	1		1	1
1/4	1,868.75	1/4	1,572.50	1/4	1,276.11	1/4	979.71	1/4	689.38	1/4	392.80	1/4	96.29	1/4	1/4	1/4		1/4	1/4
1/2	1,862.59	1/2	1,566.33	1/2	1,269.93	1/2	973.54	1/2	683.22	1/2	386.62	1/2	90.14	1/2	1/2	1/2		1/2	1/2
3/4	1,856.42	3/4	1,560.15	3/4	1,263.76	3/4	967.43	3/4	677.04	3/4	380.44	3/4	84.02	3/4	3/4	3/4		3/4	3/4
2	1,850.25	2	1,553.98	2	1,257.58	2	961.32	2	670.86	2	374.27	2	77.90	2	2	2		2	2
1/4	1,844.09	1/4	1,547.81	1/4	1,251.41	1/4	955.20	1/4	664.68	1/4	368.09	1/4	71.78	1/4	1/4	1/4		1/4	1/4
1/2	1,837.92	1/2	1,541.63	1/2	1,245.24	1/2	949.09	1/2	658.51	1/2	361.91	1/2	65.66	1/2	1/2	1/2		1/2	1/2
3/4	1,831.75	3/4	1,535.46	3/4	1,239.06	3/4	943.04	3/4	652.33	3/4	355.73	3/4	59.60	3/4	3/4	3/4		3/4	3/4
3	1,825.59	3	1,529.28	3	1,232.89	3	936.99	3	646.15	3	349.55	3	53.54	3	3	3		3	3
1/4	1,819.42	1/4	1,523.11	1/4	1,226.71	1/4	930.94	1/4	639.97	1/4	343.37	1/4	47.48	1/4	1/4	1/4		1/4	1/4
1/2	1,813.26	1/2	1,516.93	1/2	1,220.54	1/2	924.89	1/2	633.79	1/2	337.19	1/2	41.41	1/2	1/2	1/2		1/2	1/2
3/4	1,807.08	3/4	1,510.76	3/4	1,214.36	3/4	918.84	3/4	627.61	3/4	331.01	3/4	36.26	3/4	3/4	3/4		3/4	3/4
4	1,800.91	4	1,504.58	4	1,208.19	4	912.80	4	621.43	4	324.83	4	31.11	4	4	4		4	4
1/4	1,794.73	1/4	1,498.41	1/4	1,202.01	1/4	906.75	1/4	615.25	1/4	318.65	1/4	25.96	1/4	1/4	1/4		1/4	1/4
1/2	1,788.56	1/2	1,492.23	1/2	1,195.84	1/2	900.70	1/2	609.08	1/2	312.47	1/2	20.81	1/2	1/2	1/2		1/2	1/2
3/4	1,782.38	3/4	1,486.06	3/4	1,189.66	3/4	894.67	3/4	602.90	3/4	306.29	3/4	17.72	3/4	3/4	3/4		3/4	3/4
5	1,776.21	5	1,479.88	5	1,183.49	5	888.64	5	596.72	5	300.12	5	14.62	5	5	5		5	5
1/4	1,770.03	1/4	1,473.71	1/4	1,177.31	1/4	882.60	1/4	590.54	1/4	293.94	1/4	11.53	1/4	1/4	1/4		1/4	1/4
1/2	1,763.86	1/2	1,467.53	1/2	1,171.14	1/2	876.57	1/2	584.36	1/2	287.76	1/2	8.43	1/2	1/2	1/2		1/2	1/2
3/4	1,757.68	3/4	1,461.36	3/4	1,164.96	3/4	870.55	3/4	578.18	3/4	281.58	3/4	7.40	3/4	3/4	3/4		3/4	3/4
6	1,751.51	6	1,455.18	6	1,158.79	6	864.54	6	572.00	6	275.40	6	6.37	6	6	6		6	6
1/4	1,745.33	1/4	1,449.01	1/4	1,152.61	1/4	858.52	1/4	565.82	1/4	269.22	1/4	5.34	1/4	1/4	1/4		1/4	1/4
1/2	1,739.16	1/2	1,442.83	1/2	1,146.44	1/2	852.51	1/2	559.64	1/2	263.04	1/2	4.31	1/2	1/2	1/2		1/2	1/2
3/4	1,732.99	3/4	1,436.66	3/4	1,140.26	3/4	846.49	3/4	553.46	3/4	256.86	3/4		3/4	3/4	3/4		3/4	3/4
7	1,726.81	7	1,430.48	7	1,134.09	7	840.47	7	547.28	7	250.68	7		7	7	7		7	7
1/4	1,720.64	1/4	1,424.31	1/4	1,127.91	1/4	834.46	1/4	541.10	1/4	244.50	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,714.47	1/2	1,418.13	1/2	1,121.74	1/2	828.44	1/2	534.92	1/2	238.32	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,708.29	3/4	1,411.96	3/4	1,115.56	3/4	822.43	3/4	528.75	3/4	232.14	3/4		3/4	3/4	3/4		3/4	3/4
8	1,702.12	8	1,405.78	8	1,109.39	8	816.41	8	522.57	8	225.96	8		8	8	8		8	8
1/4	1,695.95	1/4	1,399.61	1/4	1,103.21	1/4	810.39	1/4	516.39	1/4	219.79	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,689.78	1/2	1,393.43	1/2	1,097.04	1/2	804.38	1/2	510.21	1/2	213.61	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,683.61	3/4	1,387.26	3/4	1,090.86	3/4	798.36	3/4	504.03	3/4	207.43	3/4		3/4	3/4	3/4		3/4	3/4
9	1,677.43	9	1,381.08	9	1,084.69	9	792.34	9	497.85	9	201.25	9		9	9	9		9	9
1/4	1,671.26	1/4	1,374.91	1/4	1,078.51	1/4	786.33	1/4	491.67	1/4	195.07	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,665.09	1/2	1,368.73	1/2	1,072.34	1/2	780.31	1/2	485.49	1/2	188.89	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,658.92	3/4	1,362.56	3/4	1,066.16	3/4	774.30	3/4	479.31	3/4	182.71	3/4		3/4	3/4	3/4		3/4	3/4
10	1,652.75	10	1,356.38	10	1,059.99	10	768.28	10	473.13	10	176.53	10		10	10	10		10	10
1/4	1,646.58	1/4	1,350.21	1/4	1,053.81	1/4	762.26	1/4	466.95	1/4	170.35	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,640.40	1/2	1,344.03	1/2	1,047.64	1/2	756.25	1/2	460.77	1/2	164.18	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,634.23	3/4	1,337.86	3/4	1,041.46	3/4	750.23	3/4	454.60	3/4	157.99	3/4		3/4	3/4	3/4		3/4	3/4
11	1,628.06	11	1,331.68	11	1,035.29	11	744.22	11	448.42	11	151.81	11		11	11	11		11	11
1/4	1,621.89	1/4	1,325.51	1/4	1,029.11	1/4	738.20	1/4	442.24	1/4	145.62	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,615.72	1/2	1,319.33	1/2	1,022.94	1/2	732.18	1/2	436.06	1/2	139.44	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,609.54	3/4	1,313.16	3/4	1,016.76	3/4	726.10	3/4	429.88	3/4	133.26	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/10/2015 CL
CALCULATED: 04/10/2015 CL
VERIFIED: 05/11/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2023

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



BARGE "KIRBY 10060"

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	3,475.24	0	3,248.61	0	2,986.76	0	2,724.91	0	2,462.59	0	2,199.34	0	1,936.09
1/4		1/4		1/4		1/4	3,474.32	1/4	3,243.15	1/4	2,981.30	1/4	2,719.46	1/4	2,457.11	1/4	2,193.86	1/4	1,930.61
1/2		1/2		1/2		1/2	3,473.41	1/2	3,237.70	1/2	2,975.85	1/2	2,714.00	1/2	2,451.62	1/2	2,188.37	1/2	1,925.12
3/4		3/4		3/4		3/4	3,472.49	3/4	3,232.24	3/4	2,970.39	3/4	2,708.54	3/4	2,446.14	3/4	2,182.89	3/4	1,919.64
1		1		1		1	3,471.58	1	3,226.79	1	2,964.94	1	2,703.09	1	2,440.66	1	2,177.40	1	1,914.15
1/4		1/4		1/4		1/4	3,468.84	1/4	3,221.33	1/4	2,959.48	1/4	2,697.63	1/4	2,435.17	1/4	2,171.92	1/4	1,908.67
1/2		1/2		1/2		1/2	3,466.09	1/2	3,215.88	1/2	2,954.03	1/2	2,692.18	1/2	2,429.69	1/2	2,166.44	1/2	1,903.18
3/4		3/4		3/4		3/4	3,463.35	3/4	3,210.42	3/4	2,948.57	3/4	2,686.72	3/4	2,424.20	3/4	2,160.95	3/4	1,897.70
2		2		2		2	3,460.60	2	3,204.97	2	2,943.12	2	2,681.27	2	2,418.72	2	2,155.47	2	1,892.22
1/4		1/4		1/4		1/4	3,456.16	1/4	3,199.51	1/4	2,937.66	1/4	2,675.81	1/4	2,413.23	1/4	2,149.98	1/4	1,886.73
1/2		1/2		1/2		1/2	3,451.72	1/2	3,194.06	1/2	2,932.21	1/2	2,670.36	1/2	2,407.75	1/2	2,144.50	1/2	1,881.25
3/4		3/4		3/4		3/4	3,447.27	3/4	3,188.60	3/4	2,926.75	3/4	2,664.90	3/4	2,402.27	3/4	2,139.01	3/4	1,875.76
3		3		3		3	3,442.83	3	3,183.15	3	2,921.30	3	2,659.45	3	2,396.78	3	2,133.53	3	1,870.28
1/4		1/4		1/4		1/4	3,437.51	1/4	3,177.69	1/4	2,915.84	1/4	2,653.99	1/4	2,391.30	1/4	2,128.05	1/4	1,864.79
1/2		1/2		1/2		1/2	3,432.20	1/2	3,172.24	1/2	2,910.39	1/2	2,648.54	1/2	2,385.81	1/2	2,122.56	1/2	1,859.31
3/4		3/4		3/4		3/4	3,426.88	3/4	3,166.78	3/4	2,904.93	3/4	2,643.08	3/4	2,380.33	3/4	2,117.08	3/4	1,853.83
4		4		4		4	3,421.57	4	3,161.33	4	2,899.48	4	2,637.63	4	2,374.84	4	2,111.59	4	1,848.34
1/4		1/4		1/4		1/4	3,416.22	1/4	3,155.87	1/4	2,894.02	1/4	2,632.17	1/4	2,369.36	1/4	2,106.11	1/4	1,842.86
1/2		1/2		1/2		1/2	3,410.87	1/2	3,150.42	1/2	2,888.57	1/2	2,626.72	1/2	2,363.87	1/2	2,100.62	1/2	1,837.37
3/4		3/4		3/4		3/4	3,405.52	3/4	3,144.96	3/4	2,883.11	3/4	2,621.26	3/4	2,358.39	3/4	2,095.14	3/4	1,831.89
5		5		5		5	3,400.18	5	3,139.51	5	2,877.66	5	2,615.81	5	2,352.91	5	2,089.65	5	1,826.40
1/4		1/4		1/4		1/4	3,394.82	1/4	3,134.05	1/4	2,872.20	1/4	2,610.35	1/4	2,347.42	1/4	2,084.17	1/4	1,820.92
1/2		1/2		1/2		1/2	3,389.46	1/2	3,128.60	1/2	2,866.75	1/2	2,604.90	1/2	2,341.94	1/2	2,078.69	1/2	1,815.43
3/4		3/4		3/4		3/4	3,384.10	3/4	3,123.14	3/4	2,861.29	3/4	2,599.44	3/4	2,336.45	3/4	2,073.20	3/4	1,809.95
6		6		6		6	3,378.74	6	3,117.68	6	2,855.84	6	2,593.99	6	2,330.97	6	2,067.72	6	1,804.47
1/4		1/4		1/4		1/4	3,373.39	1/4	3,112.23	1/4	2,850.38	1/4	2,588.53	1/4	2,325.48	1/4	2,062.23	1/4	1,798.98
1/2		1/2		1/2		1/2	3,368.03	1/2	3,106.77	1/2	2,844.92	1/2	2,583.08	1/2	2,320.00	1/2	2,056.75	1/2	1,793.50
3/4		3/4		3/4		3/4	3,362.67	3/4	3,101.32	3/4	2,839.47	3/4	2,577.62	3/4	2,314.51	3/4	2,051.26	3/4	1,788.01
7		7		7		7	3,357.32	7	3,095.86	7	2,834.01	7	2,572.16	7	2,309.03	7	2,045.78	7	1,782.53
1/4		1/4		1/4		1/4	3,351.96	1/4	3,090.41	1/4	2,828.56	1/4	2,566.71	1/4	2,303.55	1/4	2,040.29	1/4	1,777.04
1/2		1/2		1/2		1/2	3,346.60	1/2	3,084.95	1/2	2,823.10	1/2	2,561.25	1/2	2,298.06	1/2	2,034.81	1/2	1,771.56
3/4		3/4		3/4		3/4	3,341.25	3/4	3,079.50	3/4	2,817.65	3/4	2,555.80	3/4	2,292.58	3/4	2,029.33	3/4	1,766.07
8		8		8		8	3,335.89	8	3,074.04	8	2,812.19	8	2,550.34	8	2,287.09	8	2,023.84	8	1,760.59
1/4		1/4		1/4		1/4	3,330.44	1/4	3,068.59	1/4	2,806.74	1/4	2,544.86	1/4	2,281.61	1/4	2,018.36	1/4	1,755.11
1/2		1/2		1/2		1/2	3,324.98	1/2	3,063.13	1/2	2,801.28	1/2	2,539.38	1/2	2,276.12	1/2	2,012.87	1/2	1,749.62
3/4		3/4		3/4		3/4	3,319.53	3/4	3,057.68	3/4	2,795.83	3/4	2,533.89	3/4	2,270.64	3/4	2,007.39	3/4	1,744.14
9		9		9		9	3,314.07	9	3,052.22	9	2,790.37	9	2,528.41	9	2,265.16	9	2,001.90	9	1,738.65
1/4		1/4		1/4		1/4	3,308.62	1/4	3,046.77	1/4	2,784.92	1/4	2,522.92	1/4	2,259.67	1/4	1,996.42	1/4	1,733.17
1/2		1/2		1/2		1/2	3,303.16	1/2	3,041.31	1/2	2,779.46	1/2	2,517.44	1/2	2,254.19	1/2	1,990.94	1/2	1,727.68
3/4		3/4		3/4		3/4	3,297.71	3/4	3,035.86	3/4	2,774.01	3/4	2,511.95	3/4	2,248.70	3/4	1,985.45	3/4	1,722.20
10		10		10		10	3,292.25	10	3,030.40	10	2,768.55	10	2,506.47	10	2,243.22	10	1,979.97	10	1,716.72
1/4		1/4		1/4		1/4	3,286.80	1/4	3,024.95	1/4	2,763.10	1/4	2,500.98	1/4	2,237.73	1/4	1,974.48	1/4	1,711.23
1/2		1/2		1/2		1/2	3,281.34	1/2	3,019.49	1/2	2,757.64	1/2	2,495.50	1/2	2,232.25	1/2	1,969.00	1/2	1,705.75
3/4		3/4		3/4		3/4	3,275.89	3/4	3,014.04	3/4	2,752.19	3/4	2,490.02	3/4	2,226.76	3/4	1,963.51	3/4	1,700.26
11		11		11		11	3,270.43	11	3,008.58	11	2,746.73	11	2,484.53	11	2,221.28	11	1,958.03	11	1,694.78
1/4		1/4		1/4		1/4	3,264.98	1/4	3,003.13	1/4	2,741.28	1/4	2,479.05	1/4	2,215.80	1/4	1,952.54	1/4	1,689.29
1/2		1/2		1/2		1/2	3,259.52	1/2	2,997.67	1/2	2,735.82	1/2	2,473.56	1/2	2,210.31	1/2	1,947.06	1/2	1,683.81
3/4		3/4		3/4		3/4	3,254.06	3/4	2,992.22	3/4	2,730.37	3/4	2,468.08	3/4	2,204.83	3/4	1,941.58	3/4	1,678.32

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 24'-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 10060"

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	1,672.84	0	1,409.59	0	1,146.17	0	884.61	0	625.28	0	361.88	0	98.57	0		0		0	
1/4	1,667.36	1/4	1,404.10	1/4	1,140.68	1/4	879.21	1/4	619.79	1/4	356.39	1/4	93.12	1/4	1/4	1/4		1/4	
1/2	1,661.87	1/2	1,398.61	1/2	1,135.19	1/2	873.81	1/2	614.31	1/2	350.91	1/2	87.67	1/2	1/2	1/2		1/2	
3/4	1,656.39	3/4	1,393.12	3/4	1,129.71	3/4	868.41	3/4	608.82	3/4	345.42	3/4	82.22	3/4	3/4	3/4		3/4	
1	1,650.90	1	1,387.64	1	1,124.22	1	863.00	1	603.33	1	339.93	1	76.76	1	1	1		1	
1/4	1,645.42	1/4	1,382.15	1/4	1,118.73	1/4	857.60	1/4	597.84	1/4	334.44	1/4	71.34	1/4	1/4	1/4		1/4	
1/2	1,639.93	1/2	1,376.66	1/2	1,113.24	1/2	852.20	1/2	592.36	1/2	328.96	1/2	65.91	1/2	1/2	1/2		1/2	
3/4	1,634.45	3/4	1,371.17	3/4	1,107.75	3/4	846.79	3/4	586.87	3/4	323.47	3/4	60.49	3/4	3/4	3/4		3/4	
2	1,628.96	2	1,365.69	2	1,102.27	2	841.39	2	581.38	2	317.98	2	55.07	2	2	2		2	
1/4	1,623.48	1/4	1,360.20	1/4	1,096.78	1/4	835.99	1/4	575.89	1/4	312.49	1/4	49.69	1/4	1/4	1/4		1/4	
1/2	1,618.00	1/2	1,354.71	1/2	1,091.29	1/2	830.58	1/2	570.41	1/2	307.01	1/2	44.32	1/2	1/2	1/2		1/2	
3/4	1,612.51	3/4	1,349.22	3/4	1,085.80	3/4	825.18	3/4	564.92	3/4	301.52	3/4	38.94	3/4	3/4	3/4		3/4	
3	1,607.03	3	1,343.73	3	1,080.31	3	819.78	3	559.43	3	296.03	3	33.57	3	3	3		3	
1/4	1,601.54	1/4	1,338.25	1/4	1,074.83	1/4	814.38	1/4	553.94	1/4	290.54	1/4	29.00	1/4	1/4	1/4		1/4	
1/2	1,596.06	1/2	1,332.76	1/2	1,069.34	1/2	808.98	1/2	548.46	1/2	285.06	1/2	24.44	1/2	1/2	1/2		1/2	
3/4	1,590.57	3/4	1,327.27	3/4	1,063.85	3/4	803.59	3/4	542.97	3/4	279.57	3/4	19.87	3/4	3/4	3/4		3/4	
4	1,585.09	4	1,321.78	4	1,058.36	4	798.19	4	537.48	4	274.08	4	15.31	4	4	4		4	
1/4	1,579.61	1/4	1,316.29	1/4	1,052.88	1/4	792.79	1/4	531.99	1/4	268.59	1/4	12.57	1/4	1/4	1/4		1/4	
1/2	1,574.12	1/2	1,310.81	1/2	1,047.39	1/2	787.39	1/2	526.51	1/2	263.11	1/2	9.82	1/2	1/2	1/2		1/2	
3/4	1,568.64	3/4	1,305.32	3/4	1,041.90	3/4	781.99	3/4	521.02	3/4	257.62	3/4	7.08	3/4	3/4	3/4		3/4	
5	1,563.15	5	1,299.83	5	1,036.41	5	776.60	5	515.53	5	252.13	5	4.34	5	5	5		5	
1/4	1,557.67	1/4	1,294.34	1/4	1,030.92	1/4	771.20	1/4	510.04	1/4	246.64	1/4	3.42	1/4	1/4	1/4		1/4	
1/2	1,552.18	1/2	1,288.85	1/2	1,025.44	1/2	765.80	1/2	504.56	1/2	241.16	1/2	2.51	1/2	1/2	1/2		1/2	
3/4	1,546.70	3/4	1,283.37	3/4	1,019.95	3/4	760.40	3/4	499.07	3/4	235.67	3/4	1.59	3/4	3/4	3/4		3/4	
6	1,541.21	6	1,277.88	6	1,014.46	6	755.01	6	493.58	6	230.18	6	0.68	6	6	6		6	
1/4	1,535.73	1/4	1,272.39	1/4	1,009.01	1/4	749.61	1/4	488.09	1/4	224.69	1/4		1/4	1/4	1/4		1/4	
1/2	1,530.25	1/2	1,266.90	1/2	1,003.57	1/2	744.21	1/2	482.61	1/2	219.21	1/2		1/2	1/2	1/2		1/2	
3/4	1,524.76	3/4	1,261.42	3/4	998.12	3/4	738.81	3/4	477.12	3/4	213.72	3/4		3/4	3/4	3/4		3/4	
7	1,519.28	7	1,255.93	7	992.67	7	733.42	7	471.63	7	208.23	7		7	7	7		7	
1/4	1,513.79	1/4	1,250.44	1/4	987.27	1/4	728.02	1/4	466.14	1/4	202.74	1/4		1/4	1/4	1/4		1/4	
1/2	1,508.31	1/2	1,244.95	1/2	981.87	1/2	722.62	1/2	460.66	1/2	197.26	1/2		1/2	1/2	1/2		1/2	
3/4	1,502.82	3/4	1,239.46	3/4	976.47	3/4	717.22	3/4	455.17	3/4	191.77	3/4		3/4	3/4	3/4		3/4	
8	1,497.34	8	1,233.98	8	971.06	8	711.82	8	449.68	8	186.28	8		8	8	8		8	
1/4	1,491.85	1/4	1,228.49	1/4	965.66	1/4	706.43	1/4	444.19	1/4	180.79	1/4		1/4	1/4	1/4		1/4	
1/2	1,486.37	1/2	1,223.00	1/2	960.26	1/2	701.03	1/2	438.71	1/2	175.31	1/2		1/2	1/2	1/2		1/2	
3/4	1,480.89	3/4	1,217.51	3/4	954.85	3/4	695.63	3/4	433.22	3/4	169.82	3/4		3/4	3/4	3/4		3/4	
9	1,475.40	9	1,212.02	9	949.45	9	690.23	9	427.73	9	164.33	9		9	9	9		9	
1/4	1,469.92	1/4	1,206.54	1/4	944.05	1/4	684.84	1/4	422.24	1/4	158.85	1/4		1/4	1/4	1/4		1/4	
1/2	1,464.43	1/2	1,201.05	1/2	938.64	1/2	679.44	1/2	416.76	1/2	153.36	1/2		1/2	1/2	1/2		1/2	
3/4	1,458.95	3/4	1,195.56	3/4	933.24	3/4	674.04	3/4	411.27	3/4	147.87	3/4		3/4	3/4	3/4		3/4	
10	1,453.46	10	1,190.07	10	927.84	10	668.64	10	405.78	10	142.39	10		10	10	10		10	
1/4	1,447.98	1/4	1,184.58	1/4	922.44	1/4	663.25	1/4	400.29	1/4	136.90	1/4		1/4	1/4	1/4		1/4	
1/2	1,442.50	1/2	1,179.10	1/2	917.03	1/2	657.85	1/2	394.81	1/2	131.42	1/2		1/2	1/2	1/2		1/2	
3/4	1,437.01	3/4	1,173.61	3/4	911.63	3/4	652.45	3/4	389.32	3/4	125.94	3/4		3/4	3/4	3/4		3/4	
11	1,431.53	11	1,168.12	11	906.23	11	647.06	11	383.83	11	120.46	11		11	11	11		11	
1/4	1,426.04	1/4	1,162.63	1/4	900.82	1/4	641.61	1/4	378.34	1/4	114.99	1/4		1/4	1/4	1/4		1/4	
1/2	1,420.56	1/2	1,157.15	1/2	895.42	1/2	636.17	1/2	372.86	1/2	109.52	1/2		1/2	1/2	1/2		1/2	
3/4	1,415.07	3/4	1,151.66	3/4	890.02	3/4	630.72	3/4	367.37	3/4	104.04	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/10/2015 CL
CALCULATED: 04/10/2015 CL
VERIFIED: 05/11/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2023

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



BARGE "KIRBY 10060"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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		0	3,232.98	0	2,973.62	0	2,714.25	0	2,454.47	0	2,193.71	0	1,932.94		
1/4		1/4		1/4		1/4		1/4	3,227.58	1/4	2,968.21	1/4	2,708.84	1/4	2,449.04	1/4	2,188.28	1/4	1,927.51		
1/2		1/2		1/2		1/2		1/2	3,446.66	1/2	3,222.18	1/2	2,962.81	1/2	2,703.44	1/2	2,443.61	1/2	2,182.84	1/2	1,922.08
3/4		3/4		3/4		3/4		3/4	3,445.75	3/4	3,216.77	3/4	2,957.41	3/4	2,698.04	3/4	2,438.17	3/4	2,177.41	3/4	1,916.65
1		1		1		1		1	3,211.37	1	2,952.00	1	2,692.63	1	2,432.74	1	2,171.98	1	1,911.21		
1/4		1/4		1/4		1/4		1/4	3,443.94	1/4	3,205.97	1/4	2,946.60	1/4	2,687.23	1/4	2,427.31	1/4	2,166.54	1/4	1,905.78
1/2		1/2		1/2		1/2		1/2	3,443.03	1/2	3,200.56	1/2	2,941.19	1/2	2,681.83	1/2	2,421.88	1/2	2,161.11	1/2	1,900.35
3/4		3/4		3/4		3/4		3/4	3,440.32	3/4	3,195.16	3/4	2,935.79	3/4	2,676.42	3/4	2,416.44	3/4	2,155.68	3/4	1,894.91
2		2		2		2		2	3,437.60	2	3,189.76	2	2,930.39	2	2,671.02	2	2,411.01	2	2,150.25	2	1,889.48
1/4		1/4		1/4		1/4		1/4	3,434.88	1/4	3,184.35	1/4	2,924.98	1/4	2,665.62	1/4	2,405.58	1/4	2,144.81	1/4	1,884.05
1/2		1/2		1/2		1/2		1/2	3,432.16	1/2	3,178.95	1/2	2,919.58	1/2	2,660.21	1/2	2,400.15	1/2	2,139.38	1/2	1,878.62
3/4		3/4		3/4		3/4		3/4	3,427.76	3/4	3,173.55	3/4	2,914.18	3/4	2,654.81	3/4	2,394.71	3/4	2,133.95	3/4	1,873.18
3		3		3		3		3	3,423.36	3	3,168.14	3	2,908.77	3	2,649.41	3	2,389.28	3	2,128.52	3	1,867.75
1/4		1/4		1/4		1/4		1/4	3,418.96	1/4	3,162.74	1/4	2,903.37	1/4	2,644.00	1/4	2,383.85	1/4	2,123.08	1/4	1,862.32
1/2		1/2		1/2		1/2		1/2	3,414.56	1/2	3,157.33	1/2	2,897.97	1/2	2,638.60	1/2	2,378.42	1/2	2,117.65	1/2	1,856.89
3/4		3/4		3/4		3/4		3/4	3,409.29	3/4	3,151.93	3/4	2,892.56	3/4	2,633.20	3/4	2,372.98	3/4	2,112.22	3/4	1,851.45
4		4		4		4		4	3,404.03	4	3,146.53	4	2,887.16	4	2,627.79	4	2,367.55	4	2,106.79	4	1,846.02
1/4		1/4		1/4		1/4		1/4	3,398.76	1/4	3,141.12	1/4	2,881.76	1/4	2,622.39	1/4	2,362.12	1/4	2,101.35	1/4	1,840.59
1/2		1/2		1/2		1/2		1/2	3,393.50	1/2	3,135.72	1/2	2,876.35	1/2	2,616.98	1/2	2,356.69	1/2	2,095.92	1/2	1,835.16
3/4		3/4		3/4		3/4		3/4	3,388.20	3/4	3,130.32	3/4	2,870.95	3/4	2,611.58	3/4	2,351.25	3/4	2,090.49	3/4	1,829.72
5		5		5		5		5	3,382.91	5	3,124.91	5	2,865.55	5	2,606.18	5	2,345.82	5	2,085.06	5	1,824.29
1/4		1/4		1/4		1/4		1/4	3,377.61	1/4	3,119.51	1/4	2,860.14	1/4	2,600.77	1/4	2,340.39	1/4	2,079.62	1/4	1,818.86
1/2		1/2		1/2		1/2		1/2	3,372.32	1/2	3,114.11	1/2	2,854.74	1/2	2,595.37	1/2	2,334.96	1/2	2,074.19	1/2	1,813.43
3/4		3/4		3/4		3/4		3/4	3,367.01	3/4	3,108.70	3/4	2,849.34	3/4	2,589.97	3/4	2,329.52	3/4	2,068.76	3/4	1,807.99
6		6		6		6		6	3,361.69	6	3,103.30	6	2,843.93	6	2,584.56	6	2,324.09	6	2,063.33	6	1,802.56
1/4		1/4		1/4		1/4		1/4	3,356.38	1/4	3,097.90	1/4	2,838.53	1/4	2,579.16	1/4	2,318.66	1/4	2,057.89	1/4	1,797.13
1/2		1/2		1/2		1/2		1/2	3,351.07	1/2	3,092.49	1/2	2,833.12	1/2	2,573.76	1/2	2,313.22	1/2	2,052.46	1/2	1,791.70
3/4		3/4		3/4		3/4		3/4	3,345.77	3/4	3,087.09	3/4	2,827.72	3/4	2,568.35	3/4	2,307.79	3/4	2,047.03	3/4	1,786.26
7		7		7		7		7	3,340.46	7	3,081.69	7	2,822.32	7	2,562.95	7	2,302.36	7	2,041.59	7	1,780.83
1/4		1/4		1/4		1/4		1/4	3,335.16	1/4	3,076.28	1/4	2,816.91	1/4	2,557.55	1/4	2,296.93	1/4	2,036.16	1/4	1,775.40
1/2		1/2		1/2		1/2		1/2	3,329.85	1/2	3,070.88	1/2	2,811.51	1/2	2,552.14	1/2	2,291.49	1/2	2,030.73	1/2	1,769.96
3/4		3/4		3/4		3/4		3/4	3,324.55	3/4	3,065.48	3/4	2,806.11	3/4	2,546.74	3/4	2,286.06	3/4	2,025.30	3/4	1,764.53
8		8		8		8		8	3,319.24	8	3,060.07	8	2,800.70	8	2,541.34	8	2,280.63	8	2,019.86	8	1,759.10
1/4		1/4		1/4		1/4		1/4	3,313.94	1/4	3,054.67	1/4	2,795.30	1/4	2,535.93	1/4	2,275.20	1/4	2,014.43	1/4	1,753.67
1/2		1/2		1/2		1/2		1/2	3,308.63	1/2	3,049.26	1/2	2,789.90	1/2	2,530.53	1/2	2,269.76	1/2	2,009.00	1/2	1,748.23
3/4		3/4		3/4		3/4		3/4	3,303.23	3/4	3,043.86	3/4	2,784.49	3/4	2,525.10	3/4	2,264.33	3/4	2,003.57	3/4	1,742.80
9		9		9		9		9	3,297.83	9	3,038.46	9	2,779.09	9	2,519.66	9	2,258.90	9	1,998.13	9	1,737.37
1/4		1/4		1/4		1/4		1/4	3,292.42	1/4	3,033.05	1/4	2,773.69	1/4	2,514.23	1/4	2,253.47	1/4	1,992.70	1/4	1,731.94
1/2		1/2		1/2		1/2		1/2	3,287.02	1/2	3,027.65	1/2	2,768.28	1/2	2,508.80	1/2	2,248.03	1/2	1,987.27	1/2	1,726.50
3/4		3/4		3/4		3/4		3/4	3,281.62	3/4	3,022.25	3/4	2,762.88	3/4	2,503.37	3/4	2,242.60	3/4	1,981.84	3/4	1,721.07
10		10		10		10		10	3,276.21	10	3,016.84	10	2,757.48	10	2,497.93	10	2,237.17	10	1,976.40	10	1,715.64
1/4		1/4		1/4		1/4		1/4	3,270.81	1/4	3,011.44	1/4	2,752.07	1/4	2,492.50	1/4	2,231.74	1/4	1,970.97	1/4	1,710.21
1/2		1/2		1/2		1/2		1/2	3,265.40	1/2	3,006.04	1/2	2,746.67	1/2	2,487.07	1/2	2,226.30	1/2	1,965.54	1/2	1,704.77
3/4		3/4		3/4		3/4		3/4	3,260.00	3/4	3,000.63	3/4	2,741.27	3/4	2,481.64	3/4	2,220.87	3/4	1,960.11	3/4	1,699.34
11		11		11		11		11	3,254.60	11	2,995.23	11	2,735.86	11	2,476.20	11	2,215.44	11	1,954.67	11	1,693.91
1/4		1/4		1/4		1/4		1/4	3,249.19	1/4	2,989.83	1/4	2,730.46	1/4	2,470.77	1/4	2,210.01	1/4	1,949.24	1/4	1,688.48
1/2		1/2		1/2		1/2		1/2	3,243.79	1/2	2,984.42	1/2	2,725.05	1/2	2,465.34	1/2	2,204.57	1/2	1,943.81	1/2	1,683.04
3/4		3/4		3/4		3/4		3/4	3,238.39	3/4	2,979.02	3/4	2,719.65	3/4	2,459.91	3/4	2,199.14	3/4	1,938.38	3/4	1,677.61

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 24'-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 10060"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,672.18	0	1,411.41	0	1,150.49	0	890.35	0	630.25	0	369.34	0	108.49	0		0		0	
1/4	1,666.75	1/4	1,405.98	1/4	1,145.05	1/4	884.95	1/4	624.82	1/4	363.91	1/4	103.07	1/4	1/4	1/4		1/4	1/4
1/2	1,661.31	1/2	1,400.55	1/2	1,139.62	1/2	879.55	1/2	619.38	1/2	358.47	1/2	97.65	1/2	1/2	1/2		1/2	1/2
3/4	1,655.88	3/4	1,395.11	3/4	1,134.18	3/4	874.15	3/4	613.95	3/4	353.04	3/4	92.25	3/4	3/4	3/4		3/4	3/4
1	1,650.45	1	1,389.68	1	1,128.74	1	868.75	1	608.51	1	347.60	1	86.85	1	1	1		1	1
1/4	1,645.02	1/4	1,384.24	1/4	1,123.31	1/4	863.35	1/4	603.08	1/4	342.16	1/4	81.44	1/4	1/4	1/4		1/4	1/4
1/2	1,639.58	1/2	1,378.80	1/2	1,117.87	1/2	857.95	1/2	597.64	1/2	336.73	1/2	76.04	1/2	1/2	1/2		1/2	1/2
3/4	1,634.15	3/4	1,373.37	3/4	1,112.43	3/4	852.55	3/4	592.21	3/4	331.29	3/4	70.67	3/4	3/4	3/4		3/4	3/4
2	1,628.72	2	1,367.93	2	1,107.00	2	847.15	2	586.77	2	325.86	2	65.30	2	2	2		2	2
1/4	1,623.28	1/4	1,362.50	1/4	1,101.56	1/4	841.76	1/4	581.34	1/4	320.42	1/4	59.92	1/4	1/4	1/4		1/4	1/4
1/2	1,617.85	1/2	1,357.06	1/2	1,096.13	1/2	836.36	1/2	575.90	1/2	314.99	1/2	54.55	1/2	1/2	1/2		1/2	1/2
3/4	1,612.42	3/4	1,351.62	3/4	1,090.69	3/4	830.96	3/4	570.46	3/4	309.55	3/4	49.23	3/4	3/4	3/4		3/4	3/4
3	1,606.99	3	1,346.19	3	1,085.25	3	825.56	3	565.03	3	304.11	3	43.90	3	3	3		3	3
1/4	1,601.55	1/4	1,340.75	1/4	1,079.82	1/4	820.16	1/4	559.59	1/4	298.68	1/4	38.58	1/4	1/4	1/4		1/4	1/4
1/2	1,596.12	1/2	1,335.31	1/2	1,074.38	1/2	814.76	1/2	554.16	1/2	293.24	1/2	33.26	1/2	1/2	1/2		1/2	1/2
3/4	1,590.69	3/4	1,329.88	3/4	1,068.95	3/4	809.36	3/4	548.72	3/4	287.81	3/4	28.74	3/4	3/4	3/4		3/4	3/4
4	1,585.26	4	1,324.44	4	1,063.51	4	803.97	4	543.29	4	282.37	4	24.21	4	4	4		4	4
1/4	1,579.82	1/4	1,319.01	1/4	1,058.07	1/4	798.57	1/4	537.85	1/4	276.94	1/4	19.69	1/4	1/4	1/4		1/4	1/4
1/2	1,574.39	1/2	1,313.57	1/2	1,052.64	1/2	793.18	1/2	532.41	1/2	271.50	1/2	15.17	1/2	1/2	1/2		1/2	1/2
3/4	1,568.96	3/4	1,308.13	3/4	1,047.20	3/4	787.75	3/4	526.98	3/4	266.06	3/4	12.45	3/4	3/4	3/4		3/4	3/4
5	1,563.53	5	1,302.70	5	1,041.77	5	782.32	5	521.54	5	260.63	5	9.73	5	5	5		5	5
1/4	1,558.09	1/4	1,297.26	1/4	1,036.33	1/4	776.89	1/4	516.11	1/4	255.19	1/4	7.02	1/4	1/4	1/4		1/4	1/4
1/2	1,552.66	1/2	1,291.83	1/2	1,030.89	1/2	771.45	1/2	510.67	1/2	249.76	1/2	4.30	1/2	1/2	1/2		1/2	1/2
3/4	1,547.23	3/4	1,286.39	3/4	1,025.46	3/4	766.02	3/4	505.24	3/4	244.32	3/4	3.39	3/4	3/4	3/4		3/4	3/4
6	1,541.80	6	1,280.95	6	1,020.02	6	760.59	6	499.80	6	238.89	6	2.49	6	6	6		6	6
1/4	1,536.36	1/4	1,275.52	1/4	1,014.58	1/4	755.16	1/4	494.36	1/4	233.45	1/4	1.58	1/4	1/4	1/4		1/4	1/4
1/2	1,530.93	1/2	1,270.08	1/2	1,009.15	1/2	749.73	1/2	488.93	1/2	228.01	1/2	0.68	1/2	1/2	1/2		1/2	1/2
3/4	1,525.50	3/4	1,264.65	3/4	1,003.75	3/4	744.30	3/4	483.49	3/4	222.58	3/4		3/4	3/4	3/4		3/4	3/4
7	1,520.07	7	1,259.21	7	998.35	7	738.87	7	478.06	7	217.14	7		7	7	7		7	7
1/4	1,514.63	1/4	1,253.77	1/4	992.95	1/4	733.44	1/4	472.62	1/4	211.71	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,509.20	1/2	1,248.34	1/2	987.55	1/2	728.01	1/2	467.19	1/2	206.27	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,503.77	3/4	1,242.90	3/4	982.15	3/4	722.58	3/4	461.75	3/4	200.84	3/4		3/4	3/4	3/4		3/4	3/4
8	1,498.33	8	1,237.47	8	976.75	8	717.15	8	456.31	8	195.40	8		8	8	8		8	8
1/4	1,492.90	1/4	1,232.03	1/4	971.35	1/4	711.72	1/4	450.88	1/4	189.96	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,487.47	1/2	1,226.59	1/2	965.95	1/2	706.29	1/2	445.44	1/2	184.53	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,482.04	3/4	1,221.16	3/4	960.55	3/4	700.86	3/4	440.01	3/4	179.09	3/4		3/4	3/4	3/4		3/4	3/4
9	1,476.60	9	1,215.72	9	955.15	9	695.42	9	434.57	9	173.66	9		9	9	9		9	9
1/4	1,471.17	1/4	1,210.28	1/4	949.75	1/4	689.99	1/4	429.14	1/4	168.22	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,465.74	1/2	1,204.85	1/2	944.35	1/2	684.56	1/2	423.70	1/2	162.79	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,460.31	3/4	1,199.41	3/4	938.95	3/4	679.13	3/4	418.26	3/4	157.35	3/4		3/4	3/4	3/4		3/4	3/4
10	1,454.87	10	1,193.98	10	933.55	10	673.70	10	412.83	10	151.92	10		10	10	10		10	10
1/4	1,449.44	1/4	1,188.54	1/4	928.15	1/4	668.27	1/4	407.39	1/4	146.48	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,444.01	1/2	1,183.10	1/2	922.75	1/2	662.84	1/2	401.96	1/2	141.05	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,438.58	3/4	1,177.67	3/4	917.35	3/4	657.41	3/4	396.52	3/4	135.62	3/4		3/4	3/4	3/4		3/4	3/4
11	1,433.14	11	1,172.23	11	911.95	11	651.98	11	391.09	11	130.19	11		11	11	11		11	11
1/4	1,427.71	1/4	1,166.80	1/4	906.55	1/4	646.55	1/4	385.65	1/4	124.76	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,422.28	1/2	1,161.36	1/2	901.15	1/2	641.12	1/2	380.21	1/2	119.33	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,416.85	3/4	1,155.92	3/4	895.75	3/4	635.69	3/4	374.78	3/4	113.91	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/10/2015 CL
CALCULATED: 04/10/2015 CL
VERIFIED: 05/11/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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