BARGE "KIRBY 10102"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
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	00-3/8	- 00-3/8
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"

March 22, 2024

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

http://www.pmacorp.net

BARGE "KIRBY 10102"

1 CENTER

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,561.57	0	3,308.89	0	3,056.21	0	2,799.62	0	2,504.34	0	2,208.30
1/4		1/4		1/4		1/4		1/4	3,556.31	1/4	3,303.63	1/4	3,050.94	1/4	2,793.48	1/4	2,498.17	1/4	2,202.13
1/2		1/2		1/2		1/2		1/2	3,551.04	1/2	3,298.36	1/2	3,045.68	1/2	2,787.33	1/2	2,492.00	1/2	2,195.96
3/4		3/4		3/4		3/4		3/4	3,545.78	3/4	3,293.10	3/4	3,040.42	3/4	2,781.18	3/4	2,485.83	3/4	2,189.79
1		1		1		1	3,761.16	1	3,540.52	1	3,287.83	1	3,035.15	1	2,775.03	1	2,479.67	1	2,183.63
1/4		1/4		1/4		1/4	3,760.13	1/4	3,535.25	1/4	3,282.57	1/4	3,029.89	1/4	2,768.88	1/4	2,473.50	1/4	2,177.46
1/2		1/2		1/2		1/2	3,759.10	1/2	3,529.99	1/2	3,277.31	1/2	3,024.62	1/2	2,762.73	1/2	2,467.33	1/2	2,171.29
3/4		3/4		3/4		3/4	3,758.07	3/4	3,524.72	3/4	3,272.04	3/4	3,019.36	3/4	2,756.58	3/4	2,461.16	3/4	2,165.12
2		2		2		2	3,757.03	2	3,519.46	2	3,266.78	2	3,014.10	2	2,750.44	2	2,455.00	2	2,158.96
1/4		1/4		1/4		1/4	3,753.94	1/4	3,514.19	1/4	3,261.51	1/4	3,008.83	1/4	2,744.29	1/4	2,448.83	1/4	2,152.79
1/2		1/2		1/2		1/2	3,750.84	1/2	3,508.93	1/2	3,256.25	1/2	3,003.57	1/2	2,738.14	1/2	2,442.66	1/2	2,146.62
3/4		3/4		3/4		3/4	3,747.74	3/4	3,503.67	3/4	3,250.98	3/4	2,998.30	3/4	2,731.99	3/4	2,436.49	3/4	2,140.45
3		3		3		3	3,744.65	3	3,498.40	3	3,245.72	3	2,993.04	3	2,725.84	3	2,430.33	3	2,134.29
1/4		1/4		1/4		1/4	3,740.50	1/4	3,493.14	1/4	3,240.46	1/4	2,987.77	1/4	2,719.69	1/4	2,424.16	1/4	2,128.12
1/2		1/2		1/2		1/2	3,736.36	1/2	3,487.87	1/2	3,235.19	1/2	2,982.51	1/2	2,713.54	1/2	2,417.99	1/2	2,121.95
3/4		3/4		3/4		3/4	3,732.21	3/4	3,482.61	3/4	3,229.93	3/4	2,977.25	3/4	2,707.39	3/4	2,411.82	3/4	2,115.78
4		4		4		4	3,728.07	4	3,477.35	4	3,224.66	4	2,971.98	4	2,701.25	4	2,405.66	4	2,109.62
1/4		1/4		1/4		1/4	3,722.94	1/4	3,472.08	1/4	3,219.40	1/4	2,966.72	1/4	2,695.10	1/4	2,399.49	1/4	2,103.45
1/2		1/2		1/2		1/2	3,717.81	1/2	3,466.82	1/2	3,214.13	1/2	2,961.45	1/2	2,688.95	1/2	2,393.32	1/2	2,097.28
3/4		3/4		3/4		3/4	3,712.68	3/4	3,461.55	3/4	3,208.87	3/4	2,956.19	3/4	2,682.80	3/4	2,387.15	3/4	2,091.11
5		5		5		5	3,707.55	5	3,456.29	5	3,203.61	5	2,950.92	5	2,676.65	5	2,380.99	5	2,084.95
1/4		1/4		1/4		1/4	3,702.38	1/4	3,451.02	1/4	3,198.34	1/4	2,945.66	1/4	2,670.50	1/4	2,374.82	1/4	2,078.78
1/2		1/2		1/2		1/2	3,697.21	1/2	3,445.76	1/2	3,193.08	1/2	2,940.40	1/2	2,664.35	1/2	2,368.65	1/2	2,072.61
3/4		3/4		3/4		3/4	3,692.05	3/4	3,440.50	3/4	3,187.81	3/4	2,935.13	3/4	2,658.20	3/4	2,362.48	3/4	2,066.44
6		6		6		6	3,686.88	6	3,435.23	6	3,182.55	6	2,929.87	6	2,652.06	6	2,356.32	6	2,060.28
1/4		1/4		1/4		1/4	3,681.70	1/4	3,429.97	1/4	3,177.29	1/4	2,924.60	1/4	2,645.91	1/4	2,350.15	1/4	2,054.11
1/2		1/2		1/2		1/2	3,676.52	1/2	3,424.70	1/2	3,172.02	1/2	2,919.34	1/2	2,639.76	1/2	2,343.98	1/2	2,047.94
3/4		3/4		3/4		3/4	3,671.34	3/4	3,419.44	3/4	3,166.76	3/4	2,914.08	3/4	2,633.61	3/4	2,337.81	3/4	2,041.77
7		7		7		7	3,666.16	7	3,414.17	7	3,161.49	7	2,908.81	7	2,627.46	7	2,331.65	7	2,035.61
1/4		1/4		1/4		1/4	3,660.99	1/4	3,408.91	1/4	3,156.23	1/4	2,903.55	1/4	2,621.31	1/4	2,325.48	1/4	2,029.44
1/2		1/2		1/2		1/2	3,655.81	1/2	3,403.65	1/2	3,150.96	1/2	2,898.28	1/2	2,615.16	1/2	2,319.31	1/2	2,023.27
3/4		3/4		3/4		3/4	3,650.63	3/4	3,398.38	3/4	3,145.70	3/4	2,893.02	3/4	2,609.02	3/4	2,313.14	3/4	2,017.10
8		8		8		8	3,645.45	8	3,393.12	8	3,140.44	8	2,887.75	8	2,602.87	8	2,306.98	8	2,010.94
1/4		1/4		1/4		1/4	3,640.28	1/4	3,387.85	1/4	3,135.17	1/4	2,882.49	1/4	2,596.72	1/4	2,300.81	1/4	2,004.77
1/2		1/2		1/2		1/2	3,635.10	1/2	3,382.59	1/2	3,129.91	1/2	2,877.23	1/2	2,590.57	1/2	2,294.64	1/2	1,998.60
3/4		3/4		3/4		3/4	3,629.92	3/4	3,377.33	3/4	3,124.64	3/4	2,871.96	3/4	2,584.42	3/4	2,288.47	3/4	1,992.43
9		9		9		9	3,624.74	9	3,372.06	9	3,119.38	9	2,866.70	9	2,578.27	9	2,282.31	9	1,986.27
1/4		1/4		1/4		1/4	3,619.48	1/4	3,366.80	1/4	3,114.12	1/4	2,861.41	1/4	2,572.12	1/4	2,276.14	1/4	1,980.10
1/2		1/2		1/2		1/2	3,614.21	1/2	3,361.53	1/2	3,108.85	1/2	2,856.12	1/2	2,565.97	1/2	2,269.97	1/2	1,973.93
3/4		3/4		3/4		3/4	3,608.95	3/4	3,356.27	3/4	3,103.59	3/4	2,850.83	3/4	2,559.83	3/4	2,263.80	3/4	1,967.76
10		10		10		10	3,603.69	10	3,351.00	10	3,098.32	10	2,845.54	10	2,553.68	10	2,257.64	10	1,961.60
1/4		1/4		1/4		1/4	3,598.42	1/4	3,345.74	1/4	3,093.06	1/4	2,840.25	1/4	2,547.51	1/4	2,251.47	1/4	1,955.43
1/2		1/2		1/2		1/2	3,593.16	1/2	3,340.48	1/2	3,087.79	1/2	2,834.96	1/2	2,541.34	1/2	2,245.30	1/2	1,949.26
3/4		3/4		3/4		3/4	3,587.89	3/4	3,335.21	3/4	3,082.53	3/4	2,829.67	3/4	2,535.17	3/4	2,239.13	3/4	1,943.09
11		11		11		11	3,582.63	11	3,329.95	11	3,077.27	11	2,824.38	11	2,529.01	11	2,232.97	11	1,936.93
1/4		1/4		1/4		1/4	3,577.36	1/4	3,324.68	1/4	3,072.00	1/4	2,818.19	1/4	2,522.84	1/4	2,226.80	1/4	1,930.76
1/2		1/2		1/2		1/2	3,572.10	1/2	3,319.42	1/2	3,066.74	1/2	2,812.00	1/2	2,516.67	1/2	2,220.63	1/2	1,924.59
3/4		3/4		3/4		3/4	3,566.84	3/4	3,314.15	3/4	3,061.47	3/4	2,805.81	3/4	2,510.50	3/4	2,214.46	3/4	1,918.42

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

BARGE "KIRBY 10102"

1 CENTER

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	1,912.26	0	1,616.00	0	1,319.57	0	1,023.12	0	732.31	0	436.13	0	139.46	0		0		0	
1/4	1,906.09	1/4	1,609.83	1/4	1,313.39	1/4	1,016.94	1/4	726.23	1/4	429.95	1/4	133.29	1/4		1/4		1/4	
1/2	1,899.92	1/2	1,603.66	1/2	1,307.22	1/2	1,010.77	1/2	720.15	1/2	423.77	1/2	127.12	1/2		1/2		1/2	
3/4	1,893.75	3/4	1,597.49	3/4	1,301.04	3/4	1,004.59	3/4	714.07	3/4	417.59	3/4	120.94	3/4		3/4		3/4	
1	1,887.59	1	1,591.31	1	1,294.86	1	998.42	1	707.99	1	411.41	1	114.77	1		1		1	
1/4	1,881.42	1/4	1,585.14	1/4	1,288.69	1/4	992.24	1/4	701.83	1/4	405.23	1/4	108.62	1/4		1/4		1/4	
1/2	1,875.25	1/2	1,578.96	1/2	1,282.51	1/2	986.06	1/2	695.67	1/2	399.05	1/2	102.46	1/2		1/2		1/2	
3/4	1,869.08	3/4	1,572.78	3/4	1,276.34	3/4	979.89	3/4	689.50	3/4	392.87	3/4	96.31	3/4		3/4		3/4	
2	1,862.92	2	1,566.61	2	1,270.16	2	973.71	2	683.34	2	386.69	2	90.16	2		2		2	
1/4	1,856.75	1/4	1,560.43	1/4	1,263.98	1/4	967.60	1/4	677.16	1/4	380.51	1/4	84.04	1/4		1/4		1/4	
1/2	1,850.58	1/2	1,554.26	1/2	1,257.81	1/2	961.49	1/2	670.98	1/2	374.33	1/2	77.92	1/2		1/2		1/2	
3/4	1,844.41	3/4	1,548.08	3/4	1,251.63	3/4	955.37	3/4	664.80	3/4	368.15	3/4	71.80	3/4		3/4		3/4	
3	1,838.25	3	1,541.90	3	1,245.46	3	949.26	3	658.62	3	361.97	3	65.68	3		3		3	
1/4	1,832.08	1/4	1,535.73	1/4	1,239.28	1/4	943.21	1/4	652.44	1/4	355.79	1/4	59.61	1/4		1/4		1/4	
1/2	1,825.91	1/2	1,529.55	1/2	1,233.10	1/2	937.16	1/2	646.26	1/2	349.61	1/2	53.55	1/2		1/2		1/2	
3/4	1,819.74	3/4	1,523.38	3/4	1,226.93	3/4	931.11	3/4	640.08	3/4	343.43	3/4	47.48	3/4		3/4		3/4	
4	1,813.58	4	1,517.20	4	1,220.75	4	925.06	4	633.90	4	337.25	4	41.42	4		4		4	
1/4	1,807.40	1/4	1,511.02	1/4	1,214.58	1/4	919.01	1/4	627.72	1/4	331.07	1/4	36.27	1/4		1/4		1/4	
1/2	1,801.23	1/2	1,504.85	1/2	1,208.40	1/2	912.96	1/2	621.54	1/2	324.89	1/2	31.12	1/2		1/2		1/2	
3/4	1,795.05	3/4	1,498.67	3/4	1,202.22	3/4	906.91	3/4	615.36	3/4	318.71	3/4	25.97	3/4		3/4		3/4	
5	1,788.87	5	1,492.50	5	1,196.05	5	900.86	5	609.18	5	312.53	5	20.82	5		5		5	
1/4	1,782.70	1/4	1,486.32	1/4	1,189.87	1/4	894.83	1/4	603.00	1/4	306.35	1/4	17.72	1/4		1/4		1/4	
1/2	1,776.52	1/2	1,480.14	1/2	1,183.70	1/2	888.79	1/2	596.82	1/2	300.17	1/2	14.62	1/2		1/2		1/2	
3/4	1,770.35	3/4	1,473.97	3/4	1,177.52	3/4	882.76	3/4	590.64	3/4	293.99	3/4	11.53	3/4		3/4		3/4	
6	1,764.17	6	1,467.79	6	1,171.34	6	876.73	6	584.46	6	287.81	6	8.43	6		6		6	
1/4	1,757.99	1/4	1,461.62	1/4	1,165.17	1/4	870.71	1/4	578.28	1/4	281.63	1/4	7.40	1/4		1/4		1/4	
1/2	1,751.82	1/2	1,455.44	1/2	1,158.99	1/2	864.69	1/2	572.10	1/2	275.45	1/2	6.37	1/2		1/2		1/2	
3/4	1,745.64	3/4	1,449.26	3/4	1,152.82	3/4	858.68	3/4	565.92	3/4	269.27	3/4	5.34	3/4		3/4		3/4	
7	1,739.47	7	1,443.09	7	1,146.64	7	852.66	7	559.74	7	263.09	7	4.31	7		7		7	
1/4	1,733.29	1/4	1,436.91	1/4	1,140.46	1/4	846.64	1/4	553.56	1/4	256.91	1/4		1/4		1/4		1/4	
1/2	1,727.12	1/2	1,430.74	1/2	1,134.29	1/2	840.62	1/2	547.38	1/2	250.73	1/2		1/2		1/2		1/2	
3/4	1,720.94	3/4	1,424.56	3/4	1,128.11	3/4	834.61	3/4	541.20	3/4	244.55	3/4		3/4		3/4		3/4	
8	1,714.77	8	1,418.38	8	1,121.94	8	828.59	8	535.02	8	238.37	8		8		8		8	
1/4	1,708.60	1/4	1,412.21	1/4	1,115.76	1/4	822.57	1/4	528.84	1/4	232.19	1/4		1/4		1/4		1/4	
1/2	1,702.42	1/2	1,406.03	1/2	1,109.58	1/2	816.55	1/2	522.66	1/2	226.00	1/2		1/2		1/2		1/2	
3/4	1,696.25	3/4	1,399.86	3/4	1,103.41	3/4	810.54	3/4	516.48	3/4	219.82	3/4		3/4		3/4		3/4	
9	1,690.08	9	1,393.68	9	1,097.23	9	804.52	9	510.30	9	213.64	9		9		9		9	
1/4	1,683.91	1/4	1,387.50	1/4	1,091.06	1/4	798.50	1/4	504.12	1/4	207.46	1/4		1/4		1/4		1/4	
1/2	1,677.73	1/2	1,381.33	1/2	1,084.88	1/2	792.49	1/2	497.94	1/2	201.28	1/2		1/2		1/2		1/2	
3/4	1,671.56	3/4	1,375.15	3/4	1,078.70	3/4	786.47	3/4	491.76	3/4	195.10	3/4		3/4		3/4		3/4	
10	1,665.39	10	1,368.98	10	1,072.53	10	780.45	10	485.58	10	188.92	10		10		10		10	
1/4	1,659.21	1/4	1,362.80	1/4	1,066.35	1/4	774.43	1/4	479.40	1/4	182.74	1/4		1/4		1/4		1/4	
1/2	1,653.04	1/2	1,356.62	1/2	1,060.18	1/2	768.42	1/2	473.22	1/2	176.56	1/2		1/2		1/2		1/2	
3/4	1,646.87	3/4	1,350.45	3/4	1,054.00	3/4	762.40	3/4	467.04	3/4	170.38	3/4		3/4		3/4		3/4	
11	1,640.70	11	1,344.27	11	1,047.82	11	756.38	11	460.86	11	164.20	11		11		11		11	
1/4	1,634.52	1/4	1,338.10	1/4	1,041.65	1/4	750.37	1/4	454.68	1/4	158.02	1/4		1/4		1/4		1/4	
1/2	1,628.35	1/2	1,331.92	1/2	1,035.47	1/2	744.35	1/2	448.50	1/2	151.83	1/2		1/2		1/2		1/2	
3/4	1,622.18	3/4	1,325.74	3/4	1,029.30	3/4	738.33	3/4	442.32	3/4	145.65	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2014 CL
CALCULATED: 02/07/2014 CL
VERIFIED: 03/22/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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

BARGE "KIRBY 10102"

2 CENTER

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,268.37	0	3,005.81	0	2,743.25	0	2,480.28	0	2,216.31	0	1,952.35
1/4		1/4		1/4		1/4		1/4	3,262.90	1/4	3,000.34	1/4	2,737.78	1/4	2,474.78	1/4	2,210.81	1/4	1,946.85
1/2		1/2		1/2		1/2	3,484.67	1/2	3,257.43	1/2	2,994.87	1/2	2,732.31	1/2	2,469.28	1/2	2,205.31	1/2	1,941.35
3/4		3/4		3/4		3/4	3,483.76	3/4	3,251.96	3/4	2,989.40	3/4	2,726.84	3/4	2,463.78	3/4	2,199.82	3/4	1,935.85
1		1		1		1	3,482.84	1	3,246.49	1	2,983.93	1	2,721.37	1	2,458.28	1	2,194.32	1	1,930.35
1/4		1/4		1/4		1/4	3,481.92	1/4	3,241.02	1/4	2,978.46	1/4	2,715.90	1/4	2,452.78	1/4	2,188.82	1/4	1,924.85
1/2		1/2		1/2		1/2	3,481.00	1/2	3,235.55	1/2	2,972.99	1/2	2,710.43	1/2	2,447.28	1/2	2,183.32	1/2	1,919.35
3/4		3/4		3/4		3/4	3,478.25	3/4	3,230.08	3/4	2,967.52	3/4	2,704.96	3/4	2,441.78	3/4	2,177.82	3/4	1,913.85
2		2		2		2	3,475.50	2	3,224.61	2	2,962.05	2	2,699.49	2	2,436.29	2	2,172.32	2	1,908.35
1/4		1/4		1/4		1/4	3,472.75	1/4	3,219.14	1/4	2,956.58	1/4	2,694.02	1/4	2,430.79	1/4	2,166.82	1/4	1,902.85
1/2		1/2		1/2		1/2	3,470.00	1/2	3,213.67	1/2	2,951.11	1/2	2,688.55	1/2	2,425.29	1/2	2,161.32	1/2	1,897.35
3/4		3/4		3/4		3/4	3,465.54	3/4	3,208.20	3/4	2,945.64	3/4	2,683.08	3/4	2,419.79	3/4	2,155.82	3/4	1,891.85
3		3		3		3	3,461.09	3	3,202.73	3	2,940.17	3	2,677.61	3	2,414.29	3	2,150.32	3	1,886.36
1/4		1/4		1/4		1/4	3,456.63	1/4	3,197.26	1/4	2,934.70	1/4	2,672.14	1/4	2,408.79	1/4	2,144.82	1/4	1,880.86
1/2		1/2		1/2		1/2	3,452.18	1/2	3,191.79	1/2	2,929.23	1/2	2,666.67	1/2	2,403.29	1/2	2,139.32	1/2	1,875.36
3/4		3/4		3/4		3/4	3,446.85	3/4	3,186.32	3/4	2,923.76	3/4	2,661.20	3/4	2,397.79	3/4	2,133.82	3/4	1,869.86
4		4		4		4	3,441.52	4	3,180.85	4	2,918.29	4	2,655.73	4	2,392.29	4	2,128.32	4	1,864.36
1/4		1/4		1/4		1/4	3,436.19	1/4	3,175.38	1/4	2,912.82	1/4	2,650.26	1/4	2,386.79	1/4	2,122.83	1/4	1,858.86
1/2		1/2		1/2		1/2	3,430.86	1/2	3,169.91	1/2	2,907.35	1/2	2,644.79	1/2	2,381.29	1/2	2,117.33	1/2	1,853.36
3/4		3/4		3/4		3/4	3,425.49	3/4	3,164.44	3/4	2,901.88	3/4	2,639.32	3/4	2,375.79	3/4	2,111.83	3/4	1,847.86
5		5		5		5	3,420.13	5	3,158.97	5	2,896.41	5	2,633.85	5	2,370.29	5	2,106.33	5	1,842.36
1/4		1/4		1/4		1/4	3,414.77	1/4	3,153.50	1/4	2,890.94	1/4	2,628.38	1/4	2,364.79	1/4	2,100.83	1/4	1,836.86
1/2		1/2		1/2		1/2	3,409.41	1/2	3,148.03	1/2	2,885.47	1/2	2,622.91	1/2	2,359.30	1/2	2,095.33	1/2	1,831.36
3/4		3/4		3/4		3/4	3,404.04	3/4	3,142.56	3/4	2,880.00	3/4	2,617.44	3/4	2,353.80	3/4	2,089.83	3/4	1,825.86
6		6		6		6	3,398.66	6	3,137.09	6	2,874.53	6	2,611.97	6	2,348.30	6	2,084.33	6	1,820.36
1/4		1/4		1/4		1/4	3,393.29	1/4	3,131.62	1/4	2,869.06	1/4	2,606.50	1/4	2,342.80	1/4	2,078.83	1/4	1,814.86
1/2		1/2		1/2		1/2	3,387.92	1/2	3,126.15	1/2	2,863.59	1/2	2,601.03	1/2	2,337.30	1/2	2,073.33	1/2	1,809.37
3/4		3/4		3/4		3/4	3,382.54	3/4	3,120.68	3/4	2,858.12	3/4	2,595.56	3/4	2,331.80	3/4	2,067.83	3/4	1,803.87
7		7		7		7	3,377.17	7	3,115.21	7	2,852.65	7	2,590.09	7	2,326.30	7	2,062.33	7	1,798.37
1/4		1/4		1/4		1/4	3,371.80	1/4	3,109.74	1/4	2,847.18	1/4	2,584.62	1/4	2,320.80	1/4	2,056.83	1/4	1,792.87
1/2		1/2		1/2		1/2	3,366.43	1/2	3,104.27	1/2	2,841.71	1/2	2,579.15	1/2	2,315.30	1/2	2,051.33	1/2	1,787.37
3/4		3/4		3/4		3/4	3,361.06	3/4	3,098.80	3/4	2,836.24	3/4	2,573.68	3/4	2,309.80	3/4	2,045.84	3/4	1,781.87
8		8		8		8	3,355.69	8	3,093.33	8	2,830.77	8	2,568.21	8	2,304.30	8	2,040.34	8	1,776.37
1/4		1/4		1/4		1/4	3,350.32	1/4	3,087.86	1/4	2,825.30	1/4	2,562.74	1/4	2,298.80	1/4	2,034.84	1/4	1,770.87
1/2		1/2		1/2		1/2	3,344.95	1/2	3,082.39	1/2	2,819.83	1/2	2,557.27	1/2	2,293.30	1/2	2,029.34	1/2	1,765.37
3/4		3/4		3/4		3/4	3,339.48	3/4	3,076.92	3/4	2,814.36	3/4	2,551.77	3/4	2,287.80	3/4	2,023.84	3/4	1,759.87
9		9		9		9	3,334.01	9	3,071.45	9	2,808.89	9	2,546.27	9	2,282.31	9	2,018.34	9	1,754.37
1/4		1/4		1/4		1/4	3,328.54	1/4	3,065.98	1/4	2,803.42	1/4	2,540.77	1/4	2,276.81	1/4	2,012.84	1/4	1,748.87
1/2		1/2		1/2		1/2	3,323.07	1/2	3,060.51	1/2	2,797.95	1/2	2,535.27	1/2	2,271.31	1/2	2,007.34	1/2	1,743.37
3/4		3/4		3/4		3/4	3,317.60	3/4	3,055.04	3/4	2,792.48	3/4	2,529.77	3/4	2,265.81	3/4	2,001.84	3/4	1,737.87
10		10		10		10	3,312.13	10	3,049.57	10	2,787.01	10	2,524.27	10	2,260.31	10	1,996.34	10	1,732.38
1/4		1/4		1/4		1/4	3,306.66	1/4	3,044.10	1/4	2,781.54	1/4	2,518.77	1/4	2,254.81	1/4	1,990.84	1/4	1,726.88
1/2		1/2		1/2		1/2	3,301.19	1/2	3,038.63	1/2	2,776.07	1/2	2,513.28	1/2	2,249.31	1/2	1,985.34	1/2	1,721.38
3/4		3/4		3/4		3/4	3,295.72	3/4	3,033.16	3/4	2,770.60	3/4	2,507.78	3/4	2,243.81	3/4	1,979.84	3/4	1,715.88
11		11		11		11	3,290.25	11	3,027.69	11	2,765.13	11	2,502.28	11	2,238.31	11	1,974.34	11	1,710.38
1/4		1/4		1/4		1/4	3,284.78	1/4	3,022.22	1/4	2,759.66	1/4	2,496.78	1/4	2,232.81	1/4	1,968.84	1/4	1,704.88
1/2		1/2		1/2		1/2	3,279.31	1/2	3,016.75	1/2	2,754.19	1/2	2,491.28	1/2	2,227.31	1/2	1,963.35	1/2	1,699.38
3/4		3/4		3/4		3/4	3,273.84	3/4	3,011.28	3/4	2,748.72	3/4	2,485.78	3/4	2,221.81	3/4	1,957.85	3/4	1,693.88

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 10102"

2 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	1,688.38	0	1,424.41	0	1,160.29	0	897.85	0	637.89	0	373.87	0	109.81	0		0		0	
1/4	1,682.88	1/4	1,418.91	1/4	1,154.78	1/4	892.44	1/4	632.44	1/4	368.37	1/4	104.33	1/4		1/4		1/4	
1/2	1,677.38	1/2	1,413.42	1/2	1,149.28	1/2	887.02	1/2	626.98	1/2	362.86	1/2	98.84	1/2		1/2		1/2	
3/4	1,671.88	3/4	1,407.91	3/4	1,143.78	3/4	881.60	3/4	621.47	3/4	357.36	3/4	93.37	3/4		3/4		3/4	
1	1,666.38	1	1,402.41	1	1,138.28	1	876.18	1	615.97	1	351.86	1	87.91	1		1		1	
1/4	1,660.88	1/4	1,396.91	1/4	1,132.77	1/4	870.76	1/4	610.47	1/4	346.36	1/4	82.44	1/4		1/4		1/4	
1/2	1,655.38	1/2	1,391.40	1/2	1,127.27	1/2	865.35	1/2	604.97	1/2	340.86	1/2	76.97	1/2		1/2		1/2	
3/4	1,649.89	3/4	1,385.90	3/4	1,121.77	3/4	859.93	3/4	599.47	3/4	335.35	3/4	71.53	3/4		3/4		3/4	
2	1,644.39	2	1,380.40	2	1,116.26	2	854.51	2	593.97	2	329.85	2	66.09	2		2		2	
1/4	1,638.89	1/4	1,374.90	1/4	1,110.76	1/4	849.09	1/4	588.46	1/4	324.35	1/4	60.65	1/4		1/4		1/4	
1/2	1,633.39	1/2	1,369.39	1/2	1,105.26	1/2	843.68	1/2	582.96	1/2	318.85	1/2	55.22	1/2		1/2		1/2	
3/4	1,627.89	3/4	1,363.89	3/4	1,099.76	3/4	838.26	3/4	577.46	3/4	313.34	3/4	49.83	3/4		3/4		3/4	
3	1,622.39	3	1,358.39	3	1,094.25	3	832.84	3	571.96	3	307.84	3	44.44	3		3		3	
1/4	1,616.89	1/4	1,352.88	1/4	1,088.75	1/4	827.42	1/4	566.45	1/4	302.34	1/4	39.05	1/4		1/4		1/4	
1/2	1,611.39	1/2	1,347.38	1/2	1,083.25	1/2	822.01	1/2	560.95	1/2	296.84	1/2	33.66	1/2		1/2		1/2	
3/4	1,605.89	3/4	1,341.88	3/4	1,077.74	3/4	816.59	3/4	555.45	3/4	291.33	3/4	29.08	3/4		3/4		3/4	
4	1,600.39	4	1,336.38	4	1,072.24	4	811.18	4	549.95	4	285.83	4	24.51	4		4		4	
1/4	1,594.89	1/4	1,330.87	1/4	1,066.74	1/4	805.77	1/4	544.44	1/4	280.33	1/4	19.93	1/4		1/4		1/4	
1/2	1,589.39	1/2	1,325.37	1/2	1,061.24	1/2	800.36	1/2	538.94	1/2	274.83	1/2	15.35	1/2		1/2		1/2	
3/4	1,583.89	3/4	1,319.87	3/4	1,055.73	3/4	794.94	3/4	533.44	3/4	269.32	3/4	12.60	3/4		3/4		3/4	
5	1,578.39	5	1,314.37	5	1,050.23	5	789.53	5	527.94	5	263.82	5	9.85	5		5		5	
1/4	1,572.90	1/4	1,308.86	1/4	1,044.73	1/4	784.12	1/4	522.43	1/4	258.32	1/4	7.10	1/4		1/4		1/4	
1/2	1,567.40	1/2	1,303.36	1/2	1,039.23	1/2	778.71	1/2	516.93	1/2	252.82	1/2	4.35	1/2		1/2		1/2	
3/4	1,561.90	3/4	1,297.86	3/4	1,033.72	3/4	773.29	3/4	511.43	3/4	247.31	3/4	3.43	3/4		3/4		3/4	
6	1,556.40	6	1,292.35	6	1,028.22	6	767.88	6	505.93	6	241.81	6	2.51	6		6		6	
1/4	1,550.90	1/4	1,286.85	1/4	1,022.72	1/4	762.47	1/4	500.42	1/4	236.31	1/4	1.60	1/4		1/4		1/4	
1/2	1,545.40	1/2	1,281.35	1/2	1,017.21	1/2	757.06	1/2	494.92	1/2	230.81	1/2	0.68	1/2		1/2		1/2	
3/4	1,539.90	3/4	1,275.85	3/4	1,011.75	3/4	751.64	3/4	489.42	3/4	225.30	3/4		3/4		3/4		3/4	
7	1,534.40	7	1,270.34	7	1,006.29	7	746.23	7	483.92	7	219.80	7		7		7		7	
1/4	1,528.90	1/4	1,264.84	1/4	1,000.83	1/4	740.82	1/4	478.42	1/4	214.30	1/4		1/4		1/4		1/4	
1/2	1,523.40	1/2	1,259.34	1/2	995.37	1/2	735.41	1/2	472.91	1/2	208.80	1/2		1/2		1/2		1/2	
3/4	1,517.90	3/4	1,253.83	3/4	989.95	3/4	729.99	3/4	467.41	3/4	203.30	3/4		3/4		3/4		3/4	
8	1,512.40	8	1,248.33	8	984.54	8	724.58	8	461.91	8	197.79	8		8		8		8	
1/4	1,506.90	1/4	1,242.83	1/4	979.12	1/4	719.17	1/4	456.41	1/4	192.29	1/4		1/4		1/4		1/4	
1/2	1,501.40	1/2	1,237.33	1/2	973.70	1/2	713.76	1/2	450.90	1/2	186.79	1/2		1/2		1/2		1/2	
3/4	1,495.91	3/4	1,231.82	3/4	968.28	3/4	708.35	3/4	445.40	3/4	181.29	3/4		3/4		3/4		3/4	
9	1,490.41	9	1,226.32	9	962.87	9	702.93	9	439.90	9	175.78	9		9		9		9	
1/4	1,484.91	1/4	1,220.82	1/4	957.45	1/4	697.52	1/4	434.40	1/4	170.28	1/4		1/4		1/4		1/4	
1/2	1,479.41	1/2	1,215.31	1/2	952.03	1/2	692.11	1/2	428.89	1/2	164.78	1/2		1/2		1/2		1/2	
3/4	1,473.91	3/4	1,209.81	3/4	946.61	3/4	686.70	3/4	423.39	3/4	159.28	3/4		3/4		3/4		3/4	
10	1,468.41	10	1,204.31	10	941.20	10	681.28	10	417.89	10	153.78	10		10		10		10	
1/4	1,462.91	1/4	1,198.81	1/4	935.78	1/4	675.87	1/4	412.39	1/4	148.27	1/4		1/4		1/4		1/4	
1/2	1,457.41	1/2	1,193.30	1/2	930.36	1/2	670.46	1/2	406.88	1/2	142.77	1/2		1/2		1/2		1/2	
3/4	1,451.91	3/4	1,187.80	3/4	924.94	3/4	665.05	3/4	401.38	3/4	137.27	3/4		3/4		3/4		3/4	
11	1,446.41	11	1,182.30	11	919.52	11	659.64	11	395.88	11	131.78	11		11		11		11	
1/4	1,440.91	1/4	1,176.80	1/4	914.11	1/4	654.22	1/4	390.38	1/4	126.28	1/4		1/4		1/4		1/4	
1/2	1,435.41	1/2	1,171.29	1/2	908.69	1/2	648.81	1/2	384.87	1/2	120.78	1/2		1/2		1/2		1/2	
3/4	1,429.91	3/4	1,165.79	3/4	903.27	3/4	643.35	3/4	379.37	3/4	115.30	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2014 CL
CALCULATED: 02/07/2014 CL
VERIFIED: 03/22/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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

BARGE "KIRBY 10102"

3 CENTER

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	3,449.68	0	3,220.45	0	2,960.78	0	2,701.12	0	2,440.96	0	2,179.90	0	1,918.83
1/4		1/4		1/4		1/4	3,448.78	1/4	3,215.04	1/4	2,955.37	1/4	2,695.71	1/4	2,435.52	1/4	2,174.46	1/4	1,913.39
1/2		1/2		1/2		1/2	3,447.87	1/2	3,209.63	1/2	2,949.96	1/2	2,690.30	1/2	2,430.08	1/2	2,169.02	1/2	1,907.96
3/4		3/4		3/4		3/4	3,446.96	3/4	3,204.22	3/4	2,944.55	3/4	2,684.89	3/4	2,424.64	3/4	2,163.58	3/4	1,902.52
1		1		1		1	3,444.24	1	3,198.81	1	2,939.15	1	2,679.48	1	2,419.20	1	2,158.14	1	1,897.08
1/4		1/4		1/4		1/4	3,441.52	1/4	3,193.40	1/4	2,933.74	1/4	2,674.07	1/4	2,413.76	1/4	2,152.70	1/4	1,891.64
1/2		1/2		1/2		1/2	3,438.80	1/2	3,187.99	1/2	2,928.33	1/2	2,668.66	1/2	2,408.33	1/2	2,147.26	1/2	1,886.20
3/4		3/4		3/4		3/4	3,436.08	3/4	3,182.58	3/4	2,922.92	3/4	2,663.25	3/4	2,402.89	3/4	2,141.82	3/4	1,880.76
2		2		2		2	3,431.67	2	3,177.17	2	2,917.51	2	2,657.84	2	2,397.45	2	2,136.39	2	1,875.32
1/4		1/4		1/4		1/4	3,427.27	1/4	3,171.76	1/4	2,912.10	1/4	2,652.43	1/4	2,392.01	1/4	2,130.95	1/4	1,869.88
1/2		1/2		1/2		1/2	3,422.86	1/2	3,166.35	1/2	2,906.69	1/2	2,647.02	1/2	2,386.57	1/2	2,125.51	1/2	1,864.45
3/4		3/4		3/4		3/4	3,418.45	3/4	3,160.94	3/4	2,901.28	3/4	2,641.61	3/4	2,381.13	3/4	2,120.07	3/4	1,859.01
3		3		3		3	3,413.18	3	3,155.53	3	2,895.87	3	2,636.20	3	2,375.69	3	2,114.63	3	1,853.57
1/4		1/4		1/4		1/4	3,407.91	1/4	3,150.12	1/4	2,890.46	1/4	2,630.79	1/4	2,370.25	1/4	2,109.19	1/4	1,848.13
1/2		1/2		1/2		1/2	3,402.64	1/2	3,144.71	1/2	2,885.05	1/2	2,625.38	1/2	2,364.81	1/2	2,103.75	1/2	1,842.69
3/4		3/4		3/4		3/4	3,397.37	3/4	3,139.30	3/4	2,879.64	3/4	2,619.97	3/4	2,359.38	3/4	2,098.31	3/4	1,837.25
4		4		4		4	3,392.07	4	3,133.89	4	2,874.23	4	2,614.56	4	2,353.94	4	2,092.87	4	1,831.81
1/4		1/4		1/4		1/4	3,386.77	1/4	3,128.48	1/4	2,868.82	1/4	2,609.15	1/4	2,348.50	1/4	2,087.44	1/4	1,826.37
1/2		1/2		1/2		1/2	3,381.46	1/2	3,123.07	1/2	2,863.41	1/2	2,603.74	1/2	2,343.06	1/2	2,082.00	1/2	1,820.93
3/4		3/4		3/4		3/4	3,376.16	3/4	3,117.67	3/4	2,858.00	3/4	2,598.33	3/4	2,337.62	3/4	2,076.56	3/4	1,815.50
5		5		5		5	3,370.85	5	3,112.26	5	2,852.59	5	2,592.92	5	2,332.18	5	2,071.12	5	1,810.06
1/4		1/4		1/4		1/4	3,365.53	1/4	3,106.85	1/4	2,847.18	1/4	2,587.51	1/4	2,326.74	1/4	2,065.68	1/4	1,804.62
1/2		1/2		1/2		1/2	3,360.21	1/2	3,101.44	1/2	2,841.77	1/2	2,582.10	1/2	2,321.30	1/2	2,060.24	1/2	1,799.18
3/4		3/4		3/4		3/4	3,354.90	3/4	3,096.03	3/4	2,836.36	3/4	2,576.70	3/4	2,315.87	3/4	2,054.80	3/4	1,793.74
6		6		6		6	3,349.59	6	3,090.62	6	2,830.95	6	2,571.29	6	2,310.43	6	2,049.36	6	1,788.30
1/4		1/4		1/4		1/4	3,344.28	1/4	3,085.21	1/4	2,825.54	1/4	2,565.88	1/4	2,304.99	1/4	2,043.93	1/4	1,782.86
1/2		1/2		1/2		1/2	3,338.97	1/2	3,079.80	1/2	2,820.13	1/2	2,560.47	1/2	2,299.55	1/2	2,038.49	1/2	1,777.42
3/4		3/4		3/4		3/4	3,333.66	3/4	3,074.39	3/4	2,814.72	3/4	2,555.06	3/4	2,294.11	3/4	2,033.05	3/4	1,771.99
7		7		7		7	3,328.35	7	3,068.98	7	2,809.31	7	2,549.65	7	2,288.67	7	2,027.61	7	1,766.55
1/4		1/4		1/4		1/4	3,323.03	1/4	3,063.57	1/4	2,803.90	1/4	2,544.24	1/4	2,283.23	1/4	2,022.17	1/4	1,761.11
1/2		1/2		1/2		1/2	3,317.72	1/2	3,058.16	1/2	2,798.49	1/2	2,538.83	1/2	2,277.79	1/2	2,016.73	1/2	1,755.67
3/4		3/4		3/4		3/4	3,312.41	3/4	3,052.75	3/4	2,793.08	3/4	2,533.42	3/4	2,272.36	3/4	2,011.29	3/4	1,750.23
8		8		8		8	3,307.00	8	3,047.34	8	2,787.67	8	2,527.98	8	2,266.92	8	2,005.85	8	1,744.79
1/4		1/4		1/4		1/4	3,301.60	1/4	3,041.93	1/4	2,782.26	1/4	2,522.54	1/4	2,261.48	1/4	2,000.42	1/4	1,739.35
1/2		1/2		1/2		1/2	3,296.19	1/2	3,036.52	1/2	2,776.85	1/2	2,517.10	1/2	2,256.04	1/2	1,994.98	1/2	1,733.91
3/4		3/4		3/4		3/4	3,290.78	3/4	3,031.11	3/4	2,771.44	3/4	2,511.66	3/4	2,250.60	3/4	1,989.54	3/4	1,728.48
9		9		9		9	3,285.37	9	3,025.70	9	2,766.03	9	2,506.22	9	2,245.16	9	1,984.10	9	1,723.04
1/4		1/4		1/4		1/4	3,279.96	1/4	3,020.29	1/4	2,760.62	1/4	2,500.78	1/4	2,239.72	1/4	1,978.66	1/4	1,717.60
1/2		1/2		1/2		1/2	3,274.55	1/2	3,014.88	1/2	2,755.22	1/2	2,495.35	1/2	2,234.28	1/2	1,973.22	1/2	1,712.16
3/4		3/4		3/4		3/4	3,269.14	3/4	3,009.47	3/4	2,749.81	3/4	2,489.91	3/4	2,228.84	3/4	1,967.78	3/4	1,706.72
10		10		10		10	3,263.73	10	3,004.06	10	2,744.40	10	2,484.47	10	2,223.41	10	1,962.34	10	1,701.28
1/4		1/4		1/4		1/4	3,258.32	1/4	2,998.65	1/4	2,738.99	1/4	2,479.03	1/4	2,217.97	1/4	1,956.90	1/4	1,695.84
1/2		1/2		1/2		1/2	3,252.91	1/2	2,993.24	1/2	2,733.58	1/2	2,473.59	1/2	2,212.53	1/2	1,951.47	1/2	1,690.40
3/4		3/4		3/4		3/4	3,247.50	3/4	2,987.83	3/4	2,728.17	3/4	2,468.15	3/4	2,207.09	3/4	1,946.03	3/4	1,684.96
11		11		11		11	3,242.09	11	2,982.42	11	2,722.76	11	2,462.71	11	2,201.65	11	1,940.59	11	1,679.53
1/4		1/4		1/4		1/4	3,236.68	1/4	2,977.01	1/4	2,717.35	1/4	2,457.27	1/4	2,196.21	1/4	1,935.15	1/4	1,674.09
1/2		1/2		1/2		1/2	3,231.27	1/2	2,971.60	1/2	2,711.94	1/2	2,451.84	1/2	2,190.77	1/2	1,929.71	1/2	1,668.65
3/4		3/4		3/4	3,450.59	3/4	3,225.86	3/4	2,966.19	3/4	2,706.53	3/4	2,446.40	3/4	2,185.33	3/4	1,924.27	3/4	1,663.21

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 10102"

3 CENTER

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	1,657.77	0	1,396.70	0	1,135.47	0	875.15	0	614.65	0	353.44	0	92.35	0		0		0	
1/4	1,652.33	1/4	1,391.26	1/4	1,130.03	1/4	869.75	1/4	609.21	1/4	348.00	1/4	86.94	1/4		1/4		1/4	
1/2	1,646.89	1/2	1,385.82	1/2	1,124.59	1/2	864.34	1/2	603.77	1/2	342.55	1/2	81.54	1/2		1/2		1/2	
3/4	1,641.45	3/4	1,380.38	3/4	1,119.15	3/4	858.93	3/4	598.32	3/4	337.11	3/4	76.13	3/4		3/4		3/4	
1	1,636.02	1	1,374.94	1	1,113.71	1	853.53	1	592.88	1	331.67	1	70.75	1		1		1	
1/4	1,630.58	1/4	1,369.49	1/4	1,108.26	1/4	848.12	1/4	587.44	1/4	326.23	1/4	65.37	1/4		1/4		1/4	
1/2	1,625.14	1/2	1,364.05	1/2	1,102.82	1/2	842.72	1/2	582.00	1/2	320.79	1/2	59.99	1/2		1/2		1/2	
3/4	1,619.70	3/4	1,358.61	3/4	1,097.38	3/4	837.31	3/4	576.56	3/4	315.35	3/4	54.61	3/4		3/4		3/4	
2	1,614.26	2	1,353.17	2	1,091.94	2	831.90	2	571.11	2	309.90	2	49.28	2		2		2	
1/4	1,608.82	1/4	1,347.72	1/4	1,086.49	1/4	826.50	1/4	565.67	1/4	304.46	1/4	43.95	1/4		1/4		1/4	
1/2	1,603.38	1/2	1,342.28	1/2	1,081.05	1/2	821.09	1/2	560.23	1/2	299.02	1/2	38.62	1/2		1/2		1/2	
3/4	1,597.94	3/4	1,336.84	3/4	1,075.61	3/4	815.69	3/4	554.79	3/4	293.58	3/4	33.30	3/4		3/4		3/4	
3	1,592.51	3	1,331.40	3	1,070.17	3	810.28	3	549.35	3	288.14	3	28.77	3		3		3	
1/4	1,587.07	1/4	1,325.96	1/4	1,064.72	1/4	804.88	1/4	543.91	1/4	282.69	1/4	24.24	1/4		1/4		1/4	
1/2	1,581.63	1/2	1,320.51	1/2	1,059.28	1/2	799.48	1/2	538.46	1/2	277.25	1/2	19.71	1/2		1/2		1/2	
3/4	1,576.19	3/4	1,315.07	3/4	1,053.84	3/4	794.08	3/4	533.02	3/4	271.81	3/4	15.19	3/4		3/4		3/4	
4	1,570.75	4	1,309.63	4	1,048.40	4	788.65	4	527.58	4	266.37	4	12.47	4		4		4	
1/4	1,565.31	1/4	1,304.19	1/4	1,042.96	1/4	783.21	1/4	522.14	1/4	260.93	1/4	9.75	1/4		1/4		1/4	
1/2	1,559.87	1/2	1,298.74	1/2	1,037.51	1/2	777.77	1/2	516.70	1/2	255.48	1/2	7.02	1/2		1/2		1/2	
3/4	1,554.43	3/4	1,293.30	3/4	1,032.07	3/4	772.33	3/4	511.25	3/4	250.04	3/4	4.30	3/4		3/4		3/4	
5	1,548.99	5	1,287.86	5	1,026.63	5	766.90	5	505.81	5	244.60	5	3.40	5		5		5	
1/4	1,543.56	1/4	1,282.42	1/4	1,021.19	1/4	761.46	1/4	500.37	1/4	239.16	1/4	2.49	1/4		1/4		1/4	
1/2	1,538.12	1/2	1,276.97	1/2	1,015.74	1/2	756.02	1/2	494.93	1/2	233.72	1/2	1.58	1/2		1/2		1/2	
3/4	1,532.68	3/4	1,271.53	3/4	1,010.30	3/4	750.59	3/4	489.49	3/4	228.27	3/4	0.68	3/4		3/4		3/4	
6	1,527.24	6	1,266.09	6	1,004.90	6	745.15	6	484.04	6	222.83	6		6		6		6	
1/4	1,521.80	1/4	1,260.65	1/4	999.49	1/4	739.71	1/4	478.60	1/4	217.39	1/4		1/4		1/4		1/4	
1/2	1,516.36	1/2	1,255.21	1/2	994.08	1/2	734.28	1/2	473.16	1/2	211.95	1/2		1/2		1/2		1/2	
3/4	1,510.92	3/4	1,249.76	3/4	988.68	3/4	728.84	3/4	467.72	3/4	206.51	3/4		3/4		3/4		3/4	
7	1,505.48	7	1,244.32	7	983.27	7	723.40	7	462.28	7	201.07	7		7		7		7	
1/4	1,500.05	1/4	1,238.88	1/4	977.87	1/4	717.97	1/4	456.83	1/4	195.62	1/4		1/4		1/4		1/4	
1/2	1,494.61	1/2	1,233.44	1/2	972.46	1/2	712.53	1/2	451.39	1/2	190.18	1/2		1/2		1/2		1/2	
3/4	1,489.17	3/4	1,227.99	3/4	967.05	3/4	707.09	3/4	445.95	3/4	184.74	3/4		3/4		3/4		3/4	
8	1,483.73	8	1,222.55	8	961.65	8	701.65	8	440.51	8	179.30	8		8		8		8	
1/4	1,478.29	1/4	1,217.11	1/4	956.24	1/4	696.22	1/4	435.07	1/4	173.86	1/4		1/4		1/4		1/4	
1/2	1,472.85	1/2	1,211.67	1/2	950.84	1/2	690.78	1/2	429.63	1/2	168.41	1/2		1/2		1/2		1/2	
3/4	1,467.41	3/4	1,206.22	3/4	945.43	3/4	685.34	3/4	424.18	3/4	162.97	3/4		3/4		3/4		3/4	
9	1,461.97	9	1,200.78	9	940.02	9	679.91	9	418.74	9	157.53	9		9		9		9	
1/4	1,456.54	1/4	1,195.34	1/4	934.62	1/4	674.47	1/4	413.30	1/4	152.09	1/4		1/4		1/4		1/4	
1/2	1,451.10	1/2	1,189.90	1/2	929.21	1/2	669.03	1/2	407.86	1/2	146.65	1/2		1/2		1/2		1/2	
3/4	1,445.66	3/4	1,184.46	3/4	923.81	3/4	663.60	3/4	402.42	3/4	141.21	3/4		3/4		3/4		3/4	
10	1,440.22	10	1,179.01	10	918.40	10	658.16	10	396.97	10	135.77	10		10		10		10	
1/4	1,434.78	1/4	1,173.57	1/4	912.99	1/4	652.72	1/4	391.53	1/4	130.33	1/4		1/4		1/4		1/4	
1/2	1,429.34	1/2	1,168.13	1/2	907.59	1/2	647.29	1/2	386.09	1/2	124.90	1/2		1/2		1/2		1/2	
3/4	1,423.90	3/4	1,162.69	3/4	902.18	3/4	641.85	3/4	380.65	3/4	119.46	3/4		3/4		3/4		3/4	
11	1,418.46	11	1,157.24	11	896.78	11	636.41	11	375.21	11	114.04	11		11		11		11	
1/4	1,413.02	1/4	1,151.80	1/4	891.37	1/4	630.97	1/4	369.76	1/4	108.61	1/4		1/4		1/4		1/4	
1/2	1,407.59	1/2	1,146.36	1/2	885.96	1/2	625.53	1/2	364.32	1/2	103.19	1/2		1/2		1/2		1/2	
3/4	1,402.15	3/4	1,140.92	3/4	880.56	3/4	620.09	3/4	358.88	3/4	97.76	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2014 CL
CALCULATED: 02/07/2014 CL
VERIFIED: 03/22/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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