BARGE "KIRBY 10270"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 CENTER	00-0/8	- 00-0/8	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

(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"

December 11, 2023

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

http://www.pmacorp.net

BARGE "KIRBY 10270"

1 CENTER

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	3,760.04	0	3,526.58	0	3,273.76	0	3,020.95	0	2,758.03	0	2,462.45	0	2,166.26
1/4		1/4		1/4		1/4	3,759.00	1/4	3,521.31	1/4	3,268.49	1/4	3,015.68	1/4	2,751.88	1/4	2,456.28	1/4	2,160.09
1/2		1/2		1/2		1/2	3,755.91	1/2	3,516.04	1/2	3,263.23	1/2	3,010.41	1/2	2,745.73	1/2	2,450.11	1/2	2,153.92
3/4		3/4		3/4		3/4	3,752.81	3/4	3,510.78	3/4	3,257.96	3/4	3,005.14	3/4	2,739.57	3/4	2,443.94	3/4	2,147.75
1		1		1		1	3,749.71	1	3,505.51	1	3,252.69	1	2,999.88	1	2,733.42	1	2,437.77	1	2,141.58
1/4		1/4		1/4		1/4	3,746.61	1/4	3,500.24	1/4	3,247.43	1/4	2,994.61	1/4	2,727.27	1/4	2,431.60	1/4	2,135.41
1/2		1/2		1/2		1/2	3,742.47	1/2	3,494.98	1/2	3,242.16	1/2	2,989.34	1/2	2,721.12	1/2	2,425.43	1/2	2,129.24
3/4		3/4		3/4		3/4	3,738.32	3/4	3,489.71	3/4	3,236.89	3/4	2,984.08	3/4	2,714.97	3/4	2,419.26	3/4	2,123.06
2		2		2		2	3,734.17	2	3,484.44	2	3,231.63	2	2,978.81	2	2,708.81	2	2,413.09	2	2,116.89
1/4		1/4		1/4		1/4	3,730.02	1/4	3,479.17	1/4	3,226.36	1/4	2,973.54	1/4	2,702.66	1/4	2,406.92	1/4	2,110.72
1/2		1/2		1/2		1/2	3,724.89	1/2	3,473.91	1/2	3,221.09	1/2	2,968.28	1/2	2,696.51	1/2	2,400.75	1/2	2,104.55
3/4		3/4		3/4		3/4	3,719.76	3/4	3,468.64	3/4	3,215.82	3/4	2,963.01	3/4	2,690.36	3/4	2,394.58	3/4	2,098.38
3		3		3		3	3,714.62	3	3,463.37	3	3,210.56	3	2,957.74	3	2,684.21	3	2,388.40	3	2,092.21
1/4		1/4		1/4		1/4	3,709.49	1/4	3,458.11	1/4	3,205.29	1/4	2,952.47	1/4	2,678.05	1/4	2,382.23	1/4	2,086.04
1/2		1/2		1/2		1/2	3,704.32	1/2	3,452.84	1/2	3,200.02	1/2	2,947.21	1/2	2,671.90	1/2	2,376.06	1/2	2,079.87
3/4		3/4		3/4		3/4	3,699.15	3/4	3,447.57	3/4	3,194.76	3/4	2,941.94	3/4	2,665.75	3/4	2,369.89	3/4	2,073.70
4		4		4		4	3,693.99	4	3,442.31	4	3,189.49	4	2,936.67	4	2,659.60	4	2,363.72	4	2,067.53
1/4		1/4		1/4		1/4	3,688.82	1/4	3,437.04	1/4	3,184.22	1/4	2,931.41	1/4	2,653.45	1/4	2,357.55	1/4	2,061.36
1/2		1/2		1/2		1/2	3,683.64	1/2	3,431.77	1/2	3,178.96	1/2	2,926.14	1/2	2,647.29	1/2	2,351.38	1/2	2,055.19
3/4		3/4		3/4		3/4	3,678.45	3/4	3,426.50	3/4	3,173.69	3/4	2,920.87	3/4	2,641.14	3/4	2,345.21	3/4	2,049.02
5		5		5		5	3,673.27	5	3,421.24	5	3,168.42	5	2,915.61	5	2,634.99	5	2,339.04	5	2,042.85
1/4		1/4		1/4		1/4	3,668.09	1/4	3,415.97	1/4	3,163.15	1/4	2,910.34	1/4	2,628.84	1/4	2,332.87	1/4	2,036.67
1/2		1/2		1/2		1/2	3,662.91	1/2	3,410.70	1/2	3,157.89	1/2	2,905.07	1/2	2,622.69	1/2	2,326.70	1/2	2,030.50
3/4		3/4		3/4		3/4	3,657.73	3/4	3,405.44	3/4	3,152.62	3/4	2,899.80	3/4	2,616.53	3/4	2,320.53	3/4	2,024.33
6		6		6		6	3,652.55	6	3,400.17	6	3,147.35	6	2,894.54	6	2,610.38	6	2,314.36	6	2,018.16
1/4		1/4		1/4		1/4	3,647.37	1/4	3,394.90	1/4	3,142.09	1/4	2,889.27	1/4	2,604.23	1/4	2,308.19	1/4	2,011.99
1/2		1/2		1/2		1/2	3,642.19	1/2	3,389.64	1/2	3,136.82	1/2	2,884.00	1/2	2,598.08	1/2	2,302.01	1/2	2,005.82
3/4		3/4		3/4		3/4	3,637.01	3/4	3,384.37	3/4	3,131.55	3/4	2,878.74	3/4	2,591.93	3/4	2,295.84	3/4	1,999.65
7		7		7		7	3,631.83	7	3,379.10	7	3,126.29	7	2,873.47	7	2,585.77	7	2,289.67	7	1,993.48
1/4		1/4		1/4		1/4	3,626.65	1/4	3,373.83	1/4	3,121.02	1/4	2,868.20	1/4	2,579.62	1/4	2,283.50	1/4	1,987.31
1/2		1/2		1/2		1/2	3,621.38	1/2	3,368.57	1/2	3,115.75	1/2	2,862.91	1/2	2,573.47	1/2	2,277.33	1/2	1,981.14
3/4		3/4		3/4		3/4	3,616.12	3/4	3,363.30	3/4	3,110.48	3/4	2,857.62	3/4	2,567.32	3/4	2,271.16	3/4	1,974.97
8		8		8		8	3,610.85	8	3,358.03	8	3,105.22	8	2,852.33	8	2,561.17	8	2,264.99	8	1,968.80
1/4		1/4		1/4		1/4	3,605.58	1/4	3,352.77	1/4	3,099.95	1/4	2,847.03	1/4	2,555.01	1/4	2,258.82	1/4	1,962.63
1/2		1/2		1/2		1/2	3,600.32	1/2	3,347.50	1/2	3,094.68	1/2	2,841.74	1/2	2,548.84	1/2	2,252.65	1/2	1,956.46
3/4		3/4		3/4		3/4	3,595.05	3/4	3,342.23	3/4	3,089.42	3/4	2,836.45	3/4	2,542.67	3/4	2,246.48	3/4	1,950.28
9		9		9		9	3,589.78	9	3,336.97	9	3,084.15	9	2,831.16	9	2,536.50	9	2,240.31	9	1,944.11
1/4		1/4		1/4		1/4	3,584.51	1/4	3,331.70	1/4	3,078.88	1/4	2,825.87	1/4	2,530.33	1/4	2,234.14	1/4	1,937.94
1/2		1/2		1/2		1/2	3,579.25	1/2	3,326.43	1/2	3,073.62	1/2	2,819.67	1/2	2,524.16	1/2	2,227.97	1/2	1,931.77
3/4		3/4		3/4		3/4	3,573.98	3/4	3,321.16	3/4	3,068.35	3/4	2,813.48	3/4	2,517.99	3/4	2,221.80	3/4	1,925.60
10		10		10		10	3,568.71	10	3,315.90	10	3,063.08	10	2,807.29	10	2,511.82	10	2,215.62	10	1,919.43
1/4		1/4		1/4		1/4	3,563.45	1/4	3,310.63	1/4	3,057.81	1/4	2,801.09	1/4	2,505.65	1/4	2,209.45	1/4	1,913.26
1/2		1/2		1/2		1/2	3,558.18	1/2	3,305.36	1/2	3,052.55	1/2	2,794.94	1/2	2,499.48	1/2	2,203.28	1/2	1,907.09
3/4		3/4		3/4		3/4	3,552.91	3/4	3,300.10	3/4	3,047.28	3/4	2,788.79	3/4	2,493.31	3/4	2,197.11	3/4	1,900.92
11		11		11		11	3,547.65	11	3,294.83	11	3,042.01	11	2,782.64	11	2,487.14	11	2,190.94	11	1,894.75
1/4		1/4		1/4	3,763.14	1/4	3,542.38	1/4	3,289.56	1/4	3,036.75	1/4	2,776.49	1/4	2,480.96	1/4	2,184.77	1/4	1,888.58
1/2		1/2		1/2	3,762.10	1/2	3,537.11	1/2	3,284.30	1/2	3,031.48	1/2	2,770.33	1/2	2,474.79	1/2	2,178.60	1/2	1,882.41
3/4		3/4		3/4	3,761.07	3/4	3,531.84	3/4	3,279.03	3/4	3,026.21	3/4	2,764.18	3/4	2,468.62	3/4	2,172.43	3/4	1,876.24

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 10270"

1 CENTER

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	1,870.07	0	1,573.62	0	1,277.01	0	980.40	0	689.87	0	393.08	0	96.36	0		0		0	
1/4	1,863.89	1/4	1,567.44	1/4	1,270.83	1/4	974.22	1/4	683.70	1/4	386.90	1/4	90.20	1/4		1/4		1/4	
1/2	1,857.72	1/2	1,561.26	1/2	1,264.65	1/2	968.11	1/2	677.52	1/2	380.71	1/2	84.08	1/2		1/2		1/2	
3/4	1,851.55	3/4	1,555.08	3/4	1,258.47	3/4	961.99	3/4	671.34	3/4	374.53	3/4	77.96	3/4		3/4		3/4	
1	1,845.38	1	1,548.90	1	1,252.29	1	955.87	1	665.15	1	368.35	1	71.83	1		1		1	
1/4	1,839.21	1/4	1,542.72	1/4	1,246.11	1/4	949.76	1/4	658.97	1/4	362.16	1/4	65.71	1/4		1/4		1/4	
1/2	1,833.04	1/2	1,536.54	1/2	1,239.93	1/2	943.70	1/2	652.79	1/2	355.98	1/2	59.64	1/2		1/2		1/2	
3/4	1,826.87	3/4	1,530.36	3/4	1,233.75	3/4	937.65	3/4	646.61	3/4	349.80	3/4	53.58	3/4		3/4		3/4	
2	1,820.70	2	1,524.18	2	1,227.57	2	931.60	2	640.42	2	343.61	2	47.51	2		2		2	
1/4	1,814.53	1/4	1,518.00	1/4	1,221.40	1/4	925.54	1/4	634.24	1/4	337.43	1/4	41.44	1/4		1/4		1/4	
1/2	1,808.35	1/2	1,511.82	1/2	1,215.22	1/2	919.49	1/2	628.06	1/2	331.24	1/2	36.29	1/2		1/2		1/2	
3/4	1,802.17	3/4	1,505.64	3/4	1,209.04	3/4	913.44	3/4	621.87	3/4	325.06	3/4	31.13	3/4		3/4		3/4	
3	1,795.99	3	1,499.46	3	1,202.86	3	907.39	3	615.69	3	318.88	3	25.98	3		3		3	
1/4	1,789.81	1/4	1,493.28	1/4	1,196.68	1/4	901.33	1/4	609.51	1/4	312.69	1/4	20.83	1/4		1/4		1/4	
1/2	1,783.63	1/2	1,487.11	1/2	1,190.50	1/2	895.30	1/2	603.32	1/2	306.51	1/2	17.73	1/2		1/2		1/2	
3/4	1,777.45	3/4	1,480.93	3/4	1,184.32	3/4	889.26	3/4	597.14	3/4	300.33	3/4	14.63	3/4		3/4		3/4	
4	1,771.28	4	1,474.75	4	1,178.14	4	883.22	4	590.96	4	294.14	4	11.53	4		4		4	
1/4	1,765.10	1/4	1,468.57	1/4	1,171.96	1/4	877.19	1/4	584.77	1/4	287.96	1/4	8.44	1/4		1/4		1/4	
1/2	1,758.92	1/2	1,462.39	1/2	1,165.78	1/2	871.17	1/2	578.59	1/2	281.78	1/2	7.40	1/2		1/2		1/2	
3/4	1,752.74	3/4	1,456.21	3/4	1,159.60	3/4	865.15	3/4	572.41	3/4	275.59	3/4	6.37	3/4		3/4		3/4	
5	1,746.56	5	1,450.03	5	1,153.42	5	859.12	5	566.22	5	269.41	5	5.34	5		5		5	
1/4	1,740.38	1/4	1,443.85	1/4	1,147.24	1/4	853.10	1/4	560.04	1/4	263.23	1/4	4.31	1/4		1/4		1/4	
1/2	1,734.20	1/2	1,437.67	1/2	1,141.06	1/2	847.08	1/2	553.85	1/2	257.04	1/2		1/2		1/2		1/2	
3/4	1,728.02	3/4	1,431.49	3/4	1,134.89	3/4	841.06	3/4	547.67	3/4	250.86	3/4		3/4		3/4		3/4	
6	1,721.85	6	1,425.31	6	1,128.71	6	835.04	6	541.49	6	244.67	6		6		6		6	
1/4	1,715.67	1/4	1,419.13	1/4	1,122.53	1/4	829.02	1/4	535.30	1/4	238.49	1/4		1/4		1/4		1/4	
1/2	1,709.49	1/2	1,412.95	1/2	1,116.35	1/2	823.00	1/2	529.12	1/2	232.31	1/2		1/2		1/2		1/2	
3/4	1,703.32	3/4	1,406.77	3/4	1,110.17	3/4	816.98	3/4	522.94	3/4	226.12	3/4		3/4		3/4		3/4	
7	1,697.14	7	1,400.60	7	1,103.99	7	810.96	7	516.75	7	219.94	7		7		7		7	
1/4	1,690.97	1/4	1,394.42	1/4	1,097.81	1/4	804.94	1/4	510.57	1/4	213.76	1/4		1/4		1/4		1/4	
1/2	1,684.79	1/2	1,388.24	1/2	1,091.63	1/2	798.92	1/2	504.39	1/2	207.57	1/2		1/2		1/2		1/2	
3/4	1,678.61	3/4	1,382.06	3/4	1,085.45	3/4	792.90	3/4	498.20	3/4	201.39	3/4		3/4		3/4		3/4	
8	1,672.44	8	1,375.88	8	1,079.27	8	786.88	8	492.02	8	195.21	8		8		8		8	
1/4	1,666.26	1/4	1,369.70	1/4	1,073.09	1/4	780.86	1/4	485.83	1/4	189.02	1/4		1/4		1/4		1/4	
1/2	1,660.09	1/2	1,363.52	1/2	1,066.91	1/2	774.84	1/2	479.65	1/2	182.84	1/2		1/2		1/2		1/2	
3/4	1,653.91	3/4	1,357.34	3/4	1,060.73	3/4	768.82	3/4	473.47	3/4	176.66	3/4		3/4		3/4		3/4	
9	1,647.74	9	1,351.16	9	1,054.55	9	762.80	9	467.28	9	170.47	9		9		9		9	
1/4	1,641.56	1/4	1,344.98	1/4	1,048.37	1/4	756.78	1/4	461.10	1/4	164.29	1/4		1/4		1/4		1/4	
1/2	1,635.38	1/2	1,338.80	1/2	1,042.20	1/2	750.76	1/2	454.92	1/2	158.10	1/2		1/2		1/2		1/2	
3/4	1,629.21	3/4	1,332.62	3/4	1,036.02	3/4	744.74	3/4	448.73	3/4	151.91	3/4		3/4		3/4		3/4	
10	1,623.03	10	1,326.44	10	1,029.84	10	738.72	10	442.55	10	145.72	10		10		10		10	
1/4	1,616.86	1/4	1,320.26	1/4	1,023.66	1/4	732.70	1/4	436.37	1/4	139.53	1/4		1/4		1/4		1/4	
1/2	1,610.68	1/2	1,314.08	1/2	1,017.48	1/2	726.61	1/2	430.18	1/2	133.36	1/2		1/2		1/2		1/2	
3/4	1,604.50	3/4	1,307.91	3/4	1,011.30	3/4	720.53	3/4	424.00	3/4	127.18	3/4		3/4		3/4		3/4	
11	1,598.33	11	1,301.73	11	1,005.12	11	714.45	11	417.82	11	121.01	11		11		11		11	
1/4	1,592.15	1/4	1,295.55	1/4	998.94	1/4	708.36	1/4	411.63	1/4	114.83	1/4		1/4		1/4		1/4	
1/2	1,585.97	1/2	1,289.37	1/2	992.76	1/2	702.20	1/2	405.45	1/2	108.67	1/2		1/2		1/2		1/2	
3/4	1,579.79	3/4	1,283.19	3/4	986.58	3/4	696.03	3/4	399.26	3/4	102.52	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2013 CL
CALCULATED: 11/21/2013 CL
VERIFIED: 12/11/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

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

BARGE "KIRBY 10270"

2 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	3,478.41	0	3,246.97	0	2,984.82	0	2,722.66	0	2,460.00	0	2,196.44	0	1,932.88
1/4		1/4		1/4		1/4	3,477.49	1/4	3,241.51	1/4	2,979.35	1/4	2,717.20	1/4	2,454.51	1/4	2,190.95	1/4	1,927.39
1/2		1/2		1/2		1/2	3,476.58	1/2	3,236.05	1/2	2,973.89	1/2	2,711.74	1/2	2,449.02	1/2	2,185.46	1/2	1,921.90
3/4		3/4		3/4		3/4	3,475.66	3/4	3,230.59	3/4	2,968.43	3/4	2,706.27	3/4	2,443.53	3/4	2,179.97	3/4	1,916.40
1		1		1		1	3,472.91	1	3,225.13	1	2,962.97	1	2,700.81	1	2,438.04	1	2,174.48	1	1,910.91
1/4		1/4		1/4		1/4	3,470.17	1/4	3,219.66	1/4	2,957.51	1/4	2,695.35	1/4	2,432.55	1/4	2,168.99	1/4	1,905.42
1/2		1/2		1/2		1/2	3,467.42	1/2	3,214.20	1/2	2,952.05	1/2	2,689.89	1/2	2,427.06	1/2	2,163.50	1/2	1,899.93
3/4		3/4		3/4		3/4	3,464.67	3/4	3,208.74	3/4	2,946.58	3/4	2,684.43	3/4	2,421.57	3/4	2,158.00	3/4	1,894.44
2		2		2		2	3,460.22	2	3,203.28	2	2,941.12	2	2,678.97	2	2,416.08	2	2,152.51	2	1,888.95
1/4		1/4		1/4		1/4	3,455.77	1/4	3,197.82	1/4	2,935.66	1/4	2,673.50	1/4	2,410.59	1/4	2,147.02	1/4	1,883.46
1/2		1/2		1/2		1/2	3,451.33	1/2	3,192.36	1/2	2,930.20	1/2	2,668.04	1/2	2,405.09	1/2	2,141.53	1/2	1,877.97
3/4		3/4		3/4		3/4	3,446.88	3/4	3,186.89	3/4	2,924.74	3/4	2,662.58	3/4	2,399.60	3/4	2,136.04	3/4	1,872.48
3		3		3		3	3,441.55	3	3,181.43	3	2,919.28	3	2,657.12	3	2,394.11	3	2,130.55	3	1,866.99
1/4		1/4		1/4		1/4	3,436.23	1/4	3,175.97	1/4	2,913.81	1/4	2,651.66	1/4	2,388.62	1/4	2,125.06	1/4	1,861.50
1/2		1/2		1/2		1/2	3,430.91	1/2	3,170.51	1/2	2,908.35	1/2	2,646.20	1/2	2,383.13	1/2	2,119.57	1/2	1,856.00
3/4		3/4		3/4		3/4	3,425.59	3/4	3,165.05	3/4	2,902.89	3/4	2,640.73	3/4	2,377.64	3/4	2,114.08	3/4	1,850.51
4		4		4		4	3,420.23	4	3,159.59	4	2,897.43	4	2,635.27	4	2,372.15	4	2,108.59	4	1,845.02
1/4		1/4		1/4		1/4	3,414.88	1/4	3,154.13	1/4	2,891.97	1/4	2,629.81	1/4	2,366.66	1/4	2,103.10	1/4	1,839.53
1/2		1/2		1/2		1/2	3,409.53	1/2	3,148.66	1/2	2,886.51	1/2	2,624.35	1/2	2,361.17	1/2	2,097.60	1/2	1,834.04
3/4		3/4		3/4		3/4	3,404.17	3/4	3,143.20	3/4	2,881.04	3/4	2,618.89	3/4	2,355.68	3/4	2,092.11	3/4	1,828.55
5		5		5		5	3,398.81	5	3,137.74	5	2,875.58	5	2,613.43	5	2,350.19	5	2,086.62	5	1,823.06
1/4		1/4		1/4		1/4	3,393.44	1/4	3,132.28	1/4	2,870.12	1/4	2,607.96	1/4	2,344.69	1/4	2,081.13	1/4	1,817.57
1/2		1/2		1/2		1/2	3,388.08	1/2	3,126.82	1/2	2,864.66	1/2	2,602.50	1/2	2,339.20	1/2	2,075.64	1/2	1,812.08
3/4		3/4		3/4		3/4	3,382.71	3/4	3,121.36	3/4	2,859.20	3/4	2,597.04	3/4	2,333.71	3/4	2,070.15	3/4	1,806.59
6		6		6		6	3,377.35	6	3,115.89	6	2,853.74	6	2,591.58	6	2,328.22	6	2,064.66	6	1,801.10
1/4		1/4		1/4		1/4	3,371.99	1/4	3,110.43	1/4	2,848.28	1/4	2,586.12	1/4	2,322.73	1/4	2,059.17	1/4	1,795.60
1/2		1/2		1/2		1/2	3,366.63	1/2	3,104.97	1/2	2,842.81	1/2	2,580.66	1/2	2,317.24	1/2	2,053.68	1/2	1,790.11
3/4		3/4		3/4		3/4	3,361.27	3/4	3,099.51	3/4	2,837.35	3/4	2,575.20	3/4	2,311.75	3/4	2,048.19	3/4	1,784.62
7		7		7		7	3,355.90	7	3,094.05	7	2,831.89	7	2,569.73	7	2,306.26	7	2,042.70	7	1,779.13
1/4		1/4		1/4		1/4	3,350.54	1/4	3,088.59	1/4	2,826.43	1/4	2,564.27	1/4	2,300.77	1/4	2,037.20	1/4	1,773.64
1/2		1/2		1/2		1/2	3,345.18	1/2	3,083.12	1/2	2,820.97	1/2	2,558.81	1/2	2,295.28	1/2	2,031.71	1/2	1,768.15
3/4		3/4		3/4		3/4	3,339.82	3/4	3,077.66	3/4	2,815.51	3/4	2,553.35	3/4	2,289.79	3/4	2,026.22	3/4	1,762.66
8		8		8		8	3,334.36	8	3,072.20	8	2,810.04	8	2,547.86	8	2,284.29	8	2,020.73	8	1,757.17
1/4		1/4		1/4		1/4	3,328.90	1/4	3,066.74	1/4	2,804.58	1/4	2,542.37	1/4	2,278.80	1/4	2,015.24	1/4	1,751.68
1/2		1/2		1/2		1/2	3,323.43	1/2	3,061.28	1/2	2,799.12	1/2	2,536.88	1/2	2,273.31	1/2	2,009.75	1/2	1,746.19
3/4		3/4		3/4		3/4	3,317.97	3/4	3,055.82	3/4	2,793.66	3/4	2,531.39	3/4	2,267.82	3/4	2,004.26	3/4	1,740.70
9		9		9		9	3,312.51	9	3,050.35	9	2,788.20	9	2,525.89	9	2,262.33	9	1,998.77	9	1,735.20
1/4		1/4		1/4		1/4	3,307.05	1/4	3,044.89	1/4	2,782.74	1/4	2,520.40	1/4	2,256.84	1/4	1,993.28	1/4	1,729.71
1/2		1/2		1/2		1/2	3,301.59	1/2	3,039.43	1/2	2,777.27	1/2	2,514.91	1/2	2,251.35	1/2	1,987.79	1/2	1,724.22
3/4		3/4		3/4		3/4	3,296.13	3/4	3,033.97	3/4	2,771.81	3/4	2,509.42	3/4	2,245.86	3/4	1,982.30	3/4	1,718.73
10		10		10		10	3,290.67	10	3,028.51	10	2,766.35	10	2,503.93	10	2,240.37	10	1,976.80	10	1,713.24
1/4		1/4		1/4		1/4	3,285.20	1/4	3,023.05	1/4	2,760.89	1/4	2,498.44	1/4	2,234.88	1/4	1,971.31	1/4	1,707.75
1/2		1/2		1/2		1/2	3,279.74	1/2	3,017.59	1/2	2,755.43	1/2	2,492.95	1/2	2,229.39	1/2	1,965.82	1/2	1,702.26
3/4		3/4		3/4		3/4	3,274.28	3/4	3,012.12	3/4	2,749.97	3/4	2,487.46	3/4	2,223.90	3/4	1,960.33	3/4	1,696.77
11		11		11		11	3,268.82	11	3,006.66	11	2,744.50	11	2,481.97	11	2,218.40	11	1,954.84	11	1,691.28
1/4		1/4		1/4		1/4	3,263.36	1/4	3,001.20	1/4	2,739.04	1/4	2,476.48	1/4	2,212.91	1/4	1,949.35	1/4	1,685.79
1/2		1/2		1/2		1/2	3,257.90	1/2	2,995.74	1/2	2,733.58	1/2	2,470.99	1/2	2,207.42	1/2	1,943.86	1/2	1,680.30
3/4		3/4		3/4	3,479.32	3/4	3,252.43	3/4	2,990.28	3/4	2,728.12	3/4	2,465.49	3/4	2,201.93	3/4	1,938.37	3/4	1,674.81

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'-09" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 10270"

2 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	1,669.31	0	1,405.75	0	1,142.02	0	880.25	0	620.52	0	356.81	0	93.23	0		0		0	
1/4	1,663.82	1/4	1,400.25	1/4	1,136.53	1/4	874.84	1/4	615.03	1/4	351.32	1/4	87.77	1/4		1/4		1/4	
1/2	1,658.33	1/2	1,394.76	1/2	1,131.03	1/2	869.43	1/2	609.53	1/2	345.82	1/2	82.31	1/2		1/2		1/2	
3/4	1,652.84	3/4	1,389.26	3/4	1,125.54	3/4	864.02	3/4	604.04	3/4	340.33	3/4	76.85	3/4		3/4		3/4	
1	1,647.35	1	1,383.77	1	1,120.04	1	858.61	1	598.54	1	334.84	1	71.42	1		1		1	
1/4	1,641.86	1/4	1,378.28	1/4	1,114.55	1/4	853.20	1/4	593.05	1/4	329.34	1/4	65.99	1/4		1/4		1/4	
1/2	1,636.37	1/2	1,372.78	1/2	1,109.06	1/2	847.79	1/2	587.56	1/2	323.85	1/2	60.56	1/2		1/2		1/2	
3/4	1,630.88	3/4	1,367.29	3/4	1,103.56	3/4	842.38	3/4	582.06	3/4	318.35	3/4	55.13	3/4		3/4		3/4	
2	1,625.39	2	1,361.79	2	1,098.07	2	836.97	2	576.57	2	312.86	2	49.75	2		2		2	
1/4	1,619.90	1/4	1,356.30	1/4	1,092.57	1/4	831.56	1/4	571.07	1/4	307.37	1/4	44.37	1/4		1/4		1/4	
1/2	1,614.41	1/2	1,350.80	1/2	1,087.08	1/2	826.15	1/2	565.58	1/2	301.87	1/2	38.99	1/2		1/2		1/2	
3/4	1,608.91	3/4	1,345.31	3/4	1,081.58	3/4	820.74	3/4	560.09	3/4	296.38	3/4	33.61	3/4		3/4		3/4	
3	1,603.42	3	1,339.82	3	1,076.09	3	815.34	3	554.59	3	290.89	3	29.04	3		3		3	
1/4	1,597.93	1/4	1,334.32	1/4	1,070.60	1/4	809.94	1/4	549.10	1/4	285.39	1/4	24.47	1/4		1/4		1/4	
1/2	1,592.44	1/2	1,328.83	1/2	1,065.10	1/2	804.53	1/2	543.60	1/2	279.90	1/2	19.90	1/2		1/2		1/2	
3/4	1,586.95	3/4	1,323.33	3/4	1,059.61	3/4	799.13	3/4	538.11	3/4	274.40	3/4	15.33	3/4		3/4		3/4	
4	1,581.46	4	1,317.84	4	1,054.11	4	793.72	4	532.62	4	268.91	4	12.58	4		4		4	
1/4	1,575.97	1/4	1,312.34	1/4	1,048.62	1/4	788.32	1/4	527.12	1/4	263.42	1/4	9.83	1/4		1/4		1/4	
1/2	1,570.48	1/2	1,306.85	1/2	1,043.12	1/2	782.92	1/2	521.63	1/2	257.92	1/2	7.09	1/2		1/2		1/2	
3/4	1,564.99	3/4	1,301.36	3/4	1,037.63	3/4	777.51	3/4	516.14	3/4	252.43	3/4	4.34	3/4		3/4		3/4	
5	1,559.50	5	1,295.86	5	1,032.14	5	772.11	5	510.64	5	246.93	5	3.43	5		5		5	
1/4	1,554.01	1/4	1,290.37	1/4	1,026.64	1/4	766.70	1/4	505.15	1/4	241.44	1/4	2.51	1/4		1/4		1/4	
1/2	1,548.51	1/2	1,284.87	1/2	1,021.15	1/2	761.30	1/2	499.65	1/2	235.95	1/2	1.60	1/2		1/2		1/2	
3/4	1,543.02	3/4	1,279.38	3/4	1,015.65	3/4	755.89	3/4	494.16	3/4	230.45	3/4	0.68	3/4		3/4		3/4	
6	1,537.53	6	1,273.88	6	1,010.20	6	750.49	6	488.67	6	224.96	6		6		6		6	
1/4	1,532.04	1/4	1,268.39	1/4	1,004.75	1/4	745.09	1/4	483.17	1/4	219.46	1/4		1/4		1/4		1/4	
1/2	1,526.55	1/2	1,262.90	1/2	999.29	1/2	739.68	1/2	477.68	1/2	213.97	1/2		1/2		1/2		1/2	
3/4	1,521.06	3/4	1,257.40	3/4	993.84	3/4	734.28	3/4	472.18	3/4	208.48	3/4		3/4		3/4		3/4	
7	1,515.57	7	1,251.91	7	988.43	7	728.87	7	466.69	7	202.98	7		7		7		7	
1/4	1,510.08	1/4	1,246.41	1/4	983.02	1/4	723.47	1/4	461.20	1/4	197.49	1/4		1/4		1/4		1/4	
1/2	1,504.59	1/2	1,240.92	1/2	977.61	1/2	718.07	1/2	455.70	1/2	191.99	1/2		1/2		1/2		1/2	
3/4	1,499.10	3/4	1,235.42	3/4	972.20	3/4	712.66	3/4	450.21	3/4	186.50	3/4		3/4		3/4		3/4	
8	1,493.61	8	1,229.93	8	966.79	8	707.26	8	444.71	8	181.01	8		8		8		8	
1/4	1,488.11	1/4	1,224.44	1/4	961.39	1/4	701.85	1/4	439.22	1/4	175.51	1/4		1/4		1/4		1/4	
1/2	1,482.62	1/2	1,218.94	1/2	955.98	1/2	696.45	1/2	433.73	1/2	170.02	1/2		1/2		1/2		1/2	
3/4	1,477.13	3/4	1,213.45	3/4	950.57	3/4	691.05	3/4	428.23	3/4	164.53	3/4		3/4		3/4		3/4	
9	1,471.64	9	1,207.95	9	945.16	9	685.64	9	422.74	9	159.03	9		9		9		9	
1/4	1,466.15	1/4	1,202.46	1/4	939.75	1/4	680.24	1/4	417.24	1/4	153.54	1/4		1/4		1/4		1/4	
1/2	1,460.66	1/2	1,196.96	1/2	934.34	1/2	674.83	1/2	411.75	1/2	148.05	1/2		1/2		1/2		1/2	
3/4	1,455.17	3/4	1,191.47	3/4	928.93	3/4	669.43	3/4	406.26	3/4	142.55	3/4		3/4		3/4		3/4	
10	1,449.68	10	1,185.98	10	923.52	10	664.03	10	400.76	10	137.06	10		10		10		10	
1/4	1,444.19	1/4	1,180.48	1/4	918.11	1/4	658.62	1/4	395.27	1/4	131.58	1/4		1/4		1/4		1/4	
1/2	1,438.70	1/2	1,174.99	1/2	912.70	1/2	653.22	1/2	389.78	1/2	126.09	1/2		1/2		1/2		1/2	
3/4	1,433.21	3/4	1,169.49	3/4	907.29	3/4	647.82	3/4	384.28	3/4	120.60	3/4		3/4		3/4		3/4	
11	1,427.71	11	1,164.00	11	901.88	11	642.37	11	378.79	11	115.12	11		11		11		11	
1/4	1,422.22	1/4	1,158.50	1/4	896.47	1/4	636.92	1/4	373.29	1/4	109.64	1/4		1/4		1/4		1/4	
1/2	1,416.73	1/2	1,153.01	1/2	891.06	1/2	631.46	1/2	367.80	1/2	104.17	1/2		1/2		1/2		1/2	
3/4	1,411.24	3/4	1,147.52	3/4	885.66	3/4	626.01	3/4	362.31	3/4	98.69	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2013 CL
CALCULATED: 11/21/2013 CL
VERIFIED: 12/11/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

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

BARGE "KIRBY 10270"

3 CENTER

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	3,450.08	0	3,225.38	0	2,965.76	0	2,706.13	0	2,446.04	0	2,185.01	0	1,923.99
1/4		1/4		1/4		1/4	3,449.17	1/4	3,219.98	1/4	2,960.35	1/4	2,700.72	1/4	2,440.60	1/4	2,179.57	1/4	1,918.55
1/2		1/2		1/2		1/2	3,448.27	1/2	3,214.57	1/2	2,954.94	1/2	2,695.31	1/2	2,435.16	1/2	2,174.14	1/2	1,913.11
3/4		3/4		3/4		3/4	3,447.36	3/4	3,209.16	3/4	2,949.53	3/4	2,689.90	3/4	2,429.72	3/4	2,168.70	3/4	1,907.67
1		1		1		1	3,446.45	1	3,203.75	1	2,944.12	1	2,684.49	1	2,424.28	1	2,163.26	1	1,902.24
1/4		1/4		1/4		1/4	3,443.73	1/4	3,198.34	1/4	2,938.71	1/4	2,679.09	1/4	2,418.85	1/4	2,157.82	1/4	1,896.80
1/2		1/2		1/2		1/2	3,441.01	1/2	3,192.93	1/2	2,933.30	1/2	2,673.68	1/2	2,413.41	1/2	2,152.38	1/2	1,891.36
3/4		3/4		3/4		3/4	3,438.29	3/4	3,187.52	3/4	2,927.89	3/4	2,668.27	3/4	2,407.97	3/4	2,146.95	3/4	1,885.92
2		2		2		2	3,435.57	2	3,182.11	2	2,922.49	2	2,662.86	2	2,402.53	2	2,141.51	2	1,880.48
1/4		1/4		1/4		1/4	3,431.17	1/4	3,176.70	1/4	2,917.08	1/4	2,657.45	1/4	2,397.09	1/4	2,136.07	1/4	1,875.05
1/2		1/2		1/2		1/2	3,426.76	1/2	3,171.29	1/2	2,911.67	1/2	2,652.04	1/2	2,391.66	1/2	2,130.63	1/2	1,869.61
3/4		3/4		3/4		3/4	3,422.36	3/4	3,165.89	3/4	2,906.26	3/4	2,646.63	3/4	2,386.22	3/4	2,125.19	3/4	1,864.17
3		3		3		3	3,417.95	3	3,160.48	3	2,900.85	3	2,641.22	3	2,380.78	3	2,119.76	3	1,858.73
1/4		1/4		1/4		1/4	3,412.68	1/4	3,155.07	1/4	2,895.44	1/4	2,635.81	1/4	2,375.34	1/4	2,114.32	1/4	1,853.29
1/2		1/2		1/2		1/2	3,407.41	1/2	3,149.66	1/2	2,890.03	1/2	2,630.40	1/2	2,369.90	1/2	2,108.88	1/2	1,847.86
3/4		3/4		3/4		3/4	3,402.14	3/4	3,144.25	3/4	2,884.62	3/4	2,625.00	3/4	2,364.47	3/4	2,103.44	3/4	1,842.42
4		4		4		4	3,396.87	4	3,138.84	4	2,879.21	4	2,619.59	4	2,359.03	4	2,098.00	4	1,836.98
1/4		1/4		1/4		1/4	3,391.57	1/4	3,133.43	1/4	2,873.81	1/4	2,614.18	1/4	2,353.59	1/4	2,092.57	1/4	1,831.54
1/2		1/2		1/2		1/2	3,386.27	1/2	3,128.02	1/2	2,868.40	1/2	2,608.77	1/2	2,348.15	1/2	2,087.13	1/2	1,826.10
3/4		3/4		3/4		3/4	3,380.97	3/4	3,122.61	3/4	2,862.99	3/4	2,603.36	3/4	2,342.71	3/4	2,081.69	3/4	1,820.67
5		5		5		5	3,375.67	5	3,117.21	5	2,857.58	5	2,597.95	5	2,337.28	5	2,076.25	5	1,815.23
1/4		1/4		1/4		1/4	3,370.35	1/4	3,111.80	1/4	2,852.17	1/4	2,592.54	1/4	2,331.84	1/4	2,070.81	1/4	1,809.79
1/2		1/2		1/2		1/2	3,365.03	1/2	3,106.39	1/2	2,846.76	1/2	2,587.13	1/2	2,326.40	1/2	2,065.38	1/2	1,804.35
3/4		3/4		3/4		3/4	3,359.72	3/4	3,100.98	3/4	2,841.35	3/4	2,581.72	3/4	2,320.96	3/4	2,059.94	3/4	1,798.91
6		6		6		6	3,354.40	6	3,095.57	6	2,835.94	6	2,576.32	6	2,315.52	6	2,054.50	6	1,793.48
1/4		1/4		1/4		1/4	3,349.09	1/4	3,090.16	1/4	2,830.53	1/4	2,570.91	1/4	2,310.09	1/4	2,049.06	1/4	1,788.04
1/2		1/2		1/2		1/2	3,343.78	1/2	3,084.75	1/2	2,825.13	1/2	2,565.50	1/2	2,304.65	1/2	2,043.62	1/2	1,782.60
3/4		3/4		3/4		3/4	3,338.47	3/4	3,079.34	3/4	2,819.72	3/4	2,560.09	3/4	2,299.21	3/4	2,038.19	3/4	1,777.16
7		7		7		7	3,333.16	7	3,073.93	7	2,814.31	7	2,554.68	7	2,293.77	7	2,032.75	7	1,771.72
1/4		1/4		1/4		1/4	3,327.85	1/4	3,068.53	1/4	2,808.90	1/4	2,549.27	1/4	2,288.33	1/4	2,027.31	1/4	1,766.29
1/2		1/2		1/2		1/2	3,322.55	1/2	3,063.12	1/2	2,803.49	1/2	2,543.86	1/2	2,282.90	1/2	2,021.87	1/2	1,760.85
3/4		3/4		3/4		3/4	3,317.24	3/4	3,057.71	3/4	2,798.08	3/4	2,538.45	3/4	2,277.46	3/4	2,016.43	3/4	1,755.41
8		8		8		8	3,311.93	8	3,052.30	8	2,792.67	8	2,533.04	8	2,272.02	8	2,011.00	8	1,749.97
1/4		1/4		1/4		1/4	3,306.52	1/4	3,046.89	1/4	2,787.26	1/4	2,527.61	1/4	2,266.58	1/4	2,005.56	1/4	1,744.53
1/2		1/2		1/2		1/2	3,301.11	1/2	3,041.48	1/2	2,781.85	1/2	2,522.17	1/2	2,261.14	1/2	2,000.12	1/2	1,739.10
3/4		3/4		3/4		3/4	3,295.70	3/4	3,036.07	3/4	2,776.45	3/4	2,516.73	3/4	2,255.71	3/4	1,994.68	3/4	1,733.66
9		9		9		9	3,290.29	9	3,030.66	9	2,771.04	9	2,511.29	9	2,250.27	9	1,989.24	9	1,728.22
1/4		1/4		1/4		1/4	3,284.88	1/4	3,025.25	1/4	2,765.63	1/4	2,505.85	1/4	2,244.83	1/4	1,983.81	1/4	1,722.78
1/2		1/2		1/2		1/2	3,279.47	1/2	3,019.85	1/2	2,760.22	1/2	2,500.42	1/2	2,239.39	1/2	1,978.37	1/2	1,717.34
3/4		3/4		3/4		3/4	3,274.06	3/4	3,014.44	3/4	2,754.81	3/4	2,494.98	3/4	2,233.95	3/4	1,972.93	3/4	1,711.91
10		10		10		10	3,268.66	10	3,009.03	10	2,749.40	10	2,489.54	10	2,228.52	10	1,967.49	10	1,706.47
1/4		1/4		1/4		1/4	3,263.25	1/4	3,003.62	1/4	2,743.99	1/4	2,484.10	1/4	2,223.08	1/4	1,962.05	1/4	1,701.03
1/2		1/2		1/2		1/2	3,257.84	1/2	2,998.21	1/2	2,738.58	1/2	2,478.66	1/2	2,217.64	1/2	1,956.62	1/2	1,695.59
3/4		3/4		3/4		3/4	3,252.43	3/4	2,992.80	3/4	2,733.17	3/4	2,473.23	3/4	2,212.20	3/4	1,951.18	3/4	1,690.15
11		11		11		11	3,247.02	11	2,987.39	11	2,727.77	11	2,467.79	11	2,206.76	11	1,945.74	11	1,684.72
1/4		1/4		1/4		1/4	3,241.61	1/4	2,981.98	1/4	2,722.36	1/4	2,462.35	1/4	2,201.33	1/4	1,940.30	1/4	1,679.28
1/2		1/2		1/2		1/2	3,236.20	1/2	2,976.57	1/2	2,716.95	1/2	2,456.91	1/2	2,195.89	1/2	1,934.86	1/2	1,673.84
3/4		3/4		3/4		3/4	3,230.79	3/4	2,971.17	3/4	2,711.54	3/4	2,451.47	3/4	2,190.45	3/4	1,929.43	3/4	1,668.40

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 10270"

3 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	1,662.96	0	1,401.94	0	1,140.75	0	880.43	0	620.00	0	358.83	0	97.75	0		0		0	
1/4	1,657.53	1/4	1,396.50	1/4	1,135.31	1/4	875.02	1/4	614.56	1/4	353.39	1/4	92.34	1/4		1/4		1/4	
1/2	1,652.09	1/2	1,391.06	1/2	1,129.87	1/2	869.62	1/2	609.12	1/2	347.95	1/2	86.93	1/2		1/2		1/2	
3/4	1,646.65	3/4	1,385.62	3/4	1,124.42	3/4	864.21	3/4	603.68	3/4	342.50	3/4	81.53	3/4		3/4		3/4	
1	1,641.21	1	1,380.17	1	1,118.98	1	858.81	1	598.24	1	337.06	1	76.12	1		1		1	
1/4	1,635.77	1/4	1,374.73	1/4	1,113.54	1/4	853.40	1/4	592.79	1/4	331.62	1/4	70.74	1/4		1/4		1/4	
1/2	1,630.34	1/2	1,369.29	1/2	1,108.10	1/2	848.00	1/2	587.35	1/2	326.18	1/2	65.36	1/2		1/2		1/2	
3/4	1,624.90	3/4	1,363.85	3/4	1,102.66	3/4	842.59	3/4	581.91	3/4	320.74	3/4	59.98	3/4		3/4		3/4	
2	1,619.46	2	1,358.41	2	1,097.22	2	837.19	2	576.47	2	315.30	2	54.61	2		2		2	
1/4	1,614.02	1/4	1,352.97	1/4	1,091.78	1/4	831.78	1/4	571.03	1/4	309.86	1/4	49.28	1/4		1/4		1/4	
1/2	1,608.58	1/2	1,347.53	1/2	1,086.33	1/2	826.38	1/2	565.59	1/2	304.42	1/2	43.95	1/2		1/2		1/2	
3/4	1,603.15	3/4	1,342.08	3/4	1,080.89	3/4	820.97	3/4	560.15	3/4	298.98	3/4	38.62	3/4		3/4		3/4	
3	1,597.71	3	1,336.64	3	1,075.45	3	815.57	3	554.71	3	293.53	3	33.29	3		3		3	
1/4	1,592.27	1/4	1,331.20	1/4	1,070.01	1/4	810.17	1/4	549.27	1/4	288.09	1/4	28.76	1/4		1/4		1/4	
1/2	1,586.83	1/2	1,325.76	1/2	1,064.57	1/2	804.77	1/2	543.82	1/2	282.65	1/2	24.24	1/2		1/2		1/2	
3/4	1,581.39	3/4	1,320.32	3/4	1,059.13	3/4	799.37	3/4	538.38	3/4	277.21	3/4	19.71	3/4		3/4		3/4	
4	1,575.96	4	1,314.88	4	1,053.68	4	793.97	4	532.94	4	271.77	4	15.18	4		4		4	
1/4	1,570.52	1/4	1,309.44	1/4	1,048.24	1/4	788.53	1/4	527.50	1/4	266.33	1/4	12.46	1/4		1/4		1/4	
1/2	1,565.08	1/2	1,303.99	1/2	1,042.80	1/2	783.09	1/2	522.06	1/2	260.89	1/2	9.74	1/2		1/2		1/2	
3/4	1,559.64	3/4	1,298.55	3/4	1,037.36	3/4	777.66	3/4	516.62	3/4	255.45	3/4	7.02	3/4		3/4		3/4	
5	1,554.20	5	1,293.11	5	1,031.92	5	772.22	5	511.18	5	250.01	5	4.30	5		5		5	
1/4	1,548.77	1/4	1,287.67	1/4	1,026.48	1/4	766.78	1/4	505.74	1/4	244.56	1/4	3.40	1/4		1/4		1/4	
1/2	1,543.33	1/2	1,282.23	1/2	1,021.04	1/2	761.35	1/2	500.30	1/2	239.12	1/2	2.49	1/2		1/2		1/2	
3/4	1,537.89	3/4	1,276.79	3/4	1,015.59	3/4	755.91	3/4	494.85	3/4	233.68	3/4	1.58	3/4		3/4		3/4	
6	1,532.45	6	1,271.34	6	1,010.15	6	750.48	6	489.41	6	228.24	6	0.68	6		6		6	
1/4	1,527.01	1/4	1,265.90	1/4	1,004.75	1/4	745.04	1/4	483.97	1/4	222.80	1/4		1/4		1/4		1/4	
1/2	1,521.58	1/2	1,260.46	1/2	999.34	1/2	739.60	1/2	478.53	1/2	217.36	1/2		1/2		1/2		1/2	
3/4	1,516.14	3/4	1,255.02	3/4	993.94	3/4	734.17	3/4	473.09	3/4	211.92	3/4		3/4		3/4		3/4	
7	1,510.70	7	1,249.58	7	988.53	7	728.73	7	467.65	7	206.48	7		7		7		7	
1/4	1,505.26	1/4	1,244.14	1/4	983.13	1/4	723.30	1/4	462.21	1/4	201.04	1/4		1/4		1/4		1/4	
1/2	1,499.82	1/2	1,238.70	1/2	977.72	1/2	717.86	1/2	456.77	1/2	195.59	1/2		1/2		1/2		1/2	
3/4	1,494.39	3/4	1,233.25	3/4	972.32	3/4	712.42	3/4	451.33	3/4	190.15	3/4		3/4		3/4		3/4	
8	1,488.95	8	1,227.81	8	966.91	8	706.99	8	445.89	8	184.71	8		8		8		8	
1/4	1,483.51	1/4	1,222.37	1/4	961.51	1/4	701.55	1/4	440.44	1/4	179.27	1/4		1/4		1/4		1/4	
1/2	1,478.07	1/2	1,216.93	1/2	956.10	1/2	696.12	1/2	435.00	1/2	173.83	1/2		1/2		1/2		1/2	
3/4	1,472.63	3/4	1,211.49	3/4	950.70	3/4	690.68	3/4	429.56	3/4	168.39	3/4		3/4		3/4		3/4	
9	1,467.20	9	1,206.05	9	945.29	9	685.24	9	424.12	9	162.95	9		9		9		9	
1/4	1,461.76	1/4	1,200.61	1/4	939.89	1/4	679.81	1/4	418.68	1/4	157.51	1/4		1/4		1/4		1/4	
1/2	1,456.32	1/2	1,195.16	1/2	934.48	1/2	674.37	1/2	413.24	1/2	152.07	1/2		1/2		1/2		1/2	
3/4	1,450.88	3/4	1,189.72	3/4	929.07	3/4	668.93	3/4	407.80	3/4	146.63	3/4		3/4		3/4		3/4	
10	1,445.44	10	1,184.28	10	923.67	10	663.50	10	402.36	10	141.19	10		10		10		10	
1/4	1,440.01	1/4	1,178.84	1/4	918.26	1/4	658.06	1/4	396.92	1/4	135.75	1/4		1/4		1/4		1/4	
1/2	1,434.57	1/2	1,173.40	1/2	912.86	1/2	652.63	1/2	391.47	1/2	130.31	1/2		1/2		1/2		1/2	
3/4	1,429.13	3/4	1,167.96	3/4	907.45	3/4	647.19	3/4	386.03	3/4	124.88	3/4		3/4		3/4		3/4	
11	1,423.69	11	1,162.51	11	902.05	11	641.76	11	380.59	11	119.44	11		11		11		11	
1/4	1,418.25	1/4	1,157.07	1/4	896.64	1/4	636.32	1/4	375.15	1/4	114.02	1/4		1/4		1/4		1/4	
1/2	1,412.82	1/2	1,151.63	1/2	891.24	1/2	630.88	1/2	369.71	1/2	108.59	1/2		1/2		1/2		1/2	
3/4	1,407.38	3/4	1,146.19	3/4	885.83	3/4	625.44	3/4	364.27	3/4	103.17	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2013 CL
CALCULATED: 11/21/2013 CL
VERIFIED: 12/11/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
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