



BARGE "KIRBY 10277"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

January 3, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10277"

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	3,566.09	0	3,313.09	0	3,060.09	0	2,803.18	0	2,507.51	0	2,211.10
1/4		1/4		1/4		1/4		1/4	3,560.82	1/4	3,307.82	1/4	3,054.81	1/4	2,797.02	1/4	2,501.34	1/4	2,204.92
1/2		1/2		1/2		1/2		1/2	3,555.55	1/2	3,302.55	1/2	3,049.54	1/2	2,790.86	1/2	2,495.16	1/2	2,198.75
3/4		3/4		3/4		3/4		3/4	3,550.28	3/4	3,297.28	3/4	3,044.27	3/4	2,784.71	3/4	2,488.99	3/4	2,192.57
1		1		1		1	3,765.93	1	3,545.01	1	3,292.01	1	3,039.00	1	2,778.55	1	2,482.81	1	2,186.40
1/4		1/4		1/4		1/4	3,764.90	1/4	3,539.74	1/4	3,286.73	1/4	3,033.73	1/4	2,772.39	1/4	2,476.63	1/4	2,180.22
1/2		1/2		1/2		1/2	3,763.86	1/2	3,534.47	1/2	3,281.46	1/2	3,028.46	1/2	2,766.24	1/2	2,470.46	1/2	2,174.04
3/4		3/4		3/4		3/4	3,762.83	3/4	3,529.20	3/4	3,276.19	3/4	3,023.19	3/4	2,760.08	3/4	2,464.28	3/4	2,167.87
2		2		2		2	3,761.80	2	3,523.92	2	3,270.92	2	3,017.92	2	2,753.92	2	2,458.11	2	2,161.69
1/4		1/4		1/4		1/4	3,758.70	1/4	3,518.65	1/4	3,265.65	1/4	3,012.65	1/4	2,747.77	1/4	2,451.93	1/4	2,155.52
1/2		1/2		1/2		1/2	3,755.60	1/2	3,513.38	1/2	3,260.38	1/2	3,007.38	1/2	2,741.61	1/2	2,445.76	1/2	2,149.34
3/4		3/4		3/4		3/4	3,752.50	3/4	3,508.11	3/4	3,255.11	3/4	3,002.11	3/4	2,735.45	3/4	2,439.58	3/4	2,143.17
3		3		3		3	3,749.40	3	3,502.84	3	3,249.84	3	2,996.83	3	2,729.30	3	2,433.41	3	2,136.99
1/4		1/4		1/4		1/4	3,745.25	1/4	3,497.57	1/4	3,244.57	1/4	2,991.56	1/4	2,723.14	1/4	2,427.23	1/4	2,130.82
1/2		1/2		1/2		1/2	3,741.09	1/2	3,492.30	1/2	3,239.30	1/2	2,986.29	1/2	2,716.98	1/2	2,421.06	1/2	2,124.64
3/4		3/4		3/4		3/4	3,736.94	3/4	3,487.03	3/4	3,234.03	3/4	2,981.02	3/4	2,710.83	3/4	2,414.88	3/4	2,118.47
4		4		4		4	3,732.79	4	3,481.76	4	3,228.75	4	2,975.75	4	2,704.67	4	2,408.71	4	2,112.29
1/4		1/4		1/4		1/4	3,727.66	1/4	3,476.49	1/4	3,223.48	1/4	2,970.48	1/4	2,698.52	1/4	2,402.53	1/4	2,106.12
1/2		1/2		1/2		1/2	3,722.52	1/2	3,471.22	1/2	3,218.21	1/2	2,965.21	1/2	2,692.36	1/2	2,396.36	1/2	2,099.94
3/4		3/4		3/4		3/4	3,717.38	3/4	3,465.95	3/4	3,212.94	3/4	2,959.94	3/4	2,686.20	3/4	2,390.18	3/4	2,093.77
5		5		5		5	3,712.25	5	3,460.67	5	3,207.67	5	2,954.67	5	2,680.05	5	2,384.00	5	2,087.59
1/4		1/4		1/4		1/4	3,707.07	1/4	3,455.40	1/4	3,202.40	1/4	2,949.40	1/4	2,673.89	1/4	2,377.83	1/4	2,081.42
1/2		1/2		1/2		1/2	3,701.90	1/2	3,450.13	1/2	3,197.13	1/2	2,944.13	1/2	2,667.73	1/2	2,371.65	1/2	2,075.24
3/4		3/4		3/4		3/4	3,696.73	3/4	3,444.86	3/4	3,191.86	3/4	2,938.86	3/4	2,661.58	3/4	2,365.48	3/4	2,069.06
6		6		6		6	3,691.56	6	3,439.59	6	3,186.59	6	2,933.58	6	2,655.42	6	2,359.30	6	2,062.89
1/4		1/4		1/4		1/4	3,686.37	1/4	3,434.32	1/4	3,181.32	1/4	2,928.31	1/4	2,649.26	1/4	2,353.13	1/4	2,056.71
1/2		1/2		1/2		1/2	3,681.19	1/2	3,429.05	1/2	3,176.05	1/2	2,923.04	1/2	2,643.11	1/2	2,346.95	1/2	2,050.54
3/4		3/4		3/4		3/4	3,676.00	3/4	3,423.78	3/4	3,170.77	3/4	2,917.77	3/4	2,636.95	3/4	2,340.78	3/4	2,044.36
7		7		7		7	3,670.81	7	3,418.51	7	3,165.50	7	2,912.50	7	2,630.79	7	2,334.60	7	2,038.19
1/4		1/4		1/4		1/4	3,665.63	1/4	3,413.24	1/4	3,160.23	1/4	2,907.23	1/4	2,624.64	1/4	2,328.43	1/4	2,032.01
1/2		1/2		1/2		1/2	3,660.45	1/2	3,407.97	1/2	3,154.96	1/2	2,901.96	1/2	2,618.48	1/2	2,322.25	1/2	2,025.84
3/4		3/4		3/4		3/4	3,655.26	3/4	3,402.69	3/4	3,149.69	3/4	2,896.69	3/4	2,612.32	3/4	2,316.08	3/4	2,019.66
8		8		8		8	3,650.08	8	3,397.42	8	3,144.42	8	2,891.42	8	2,606.17	8	2,309.90	8	2,013.49
1/4		1/4		1/4		1/4	3,644.89	1/4	3,392.15	1/4	3,139.15	1/4	2,886.15	1/4	2,600.01	1/4	2,303.73	1/4	2,007.31
1/2		1/2		1/2		1/2	3,639.71	1/2	3,386.88	1/2	3,133.88	1/2	2,880.88	1/2	2,593.85	1/2	2,297.55	1/2	2,001.14
3/4		3/4		3/4		3/4	3,634.53	3/4	3,381.61	3/4	3,128.61	3/4	2,875.60	3/4	2,587.70	3/4	2,291.38	3/4	1,994.96
9		9		9		9	3,629.34	9	3,376.34	9	3,123.34	9	2,870.33	9	2,581.54	9	2,285.20	9	1,988.79
1/4		1/4		1/4		1/4	3,624.07	1/4	3,371.07	1/4	3,118.07	1/4	2,865.04	1/4	2,575.38	1/4	2,279.02	1/4	1,982.61
1/2		1/2		1/2		1/2	3,618.80	1/2	3,365.80	1/2	3,112.79	1/2	2,859.74	1/2	2,569.23	1/2	2,272.85	1/2	1,976.44
3/4		3/4		3/4		3/4	3,613.53	3/4	3,360.53	3/4	3,107.52	3/4	2,854.45	3/4	2,563.07	3/4	2,266.67	3/4	1,970.26
10		10		10		10	3,608.26	10	3,355.26	10	3,102.25	10	2,849.15	10	2,556.91	10	2,260.50	10	1,964.08
1/4		1/4		1/4		1/4	3,602.99	1/4	3,349.99	1/4	3,096.98	1/4	2,843.85	1/4	2,550.74	1/4	2,254.32	1/4	1,957.91
1/2		1/2		1/2		1/2	3,597.72	1/2	3,344.71	1/2	3,091.71	1/2	2,838.56	1/2	2,544.56	1/2	2,248.15	1/2	1,951.73
3/4		3/4		3/4		3/4	3,592.45	3/4	3,339.44	3/4	3,086.44	3/4	2,833.26	3/4	2,538.39	3/4	2,241.97	3/4	1,945.56
11		11		11		11	3,587.18	11	3,334.17	11	3,081.17	11	2,827.97	11	2,532.21	11	2,235.80	11	1,939.38
1/4		1/4		1/4		1/4	3,581.90	1/4	3,328.90	1/4	3,075.90	1/4	2,821.77	1/4	2,526.04	1/4	2,229.62	1/4	1,933.21
1/2		1/2		1/2		1/2	3,576.63	1/2	3,323.63	1/2	3,070.63	1/2	2,815.57	1/2	2,519.86	1/2	2,223.45	1/2	1,927.03
3/4		3/4		3/4		3/4	3,571.36	3/4	3,318.36	3/4	3,065.36	3/4	2,809.37	3/4	2,513.69	3/4	2,217.27	3/4	1,920.86

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 31'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 10277"

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	1,914.68	0	1,618.06	0	1,321.25	0	1,024.42	0	733.24	0	436.69	0	139.64	0		0		0	
1/4	1,908.51	1/4	1,611.88	1/4	1,315.06	1/4	1,018.23	1/4	727.15	1/4	430.50	1/4	133.46	1/4		1/4		1/4	
1/2	1,902.33	1/2	1,605.70	1/2	1,308.88	1/2	1,012.05	1/2	721.07	1/2	424.31	1/2	127.28	1/2		1/2		1/2	
3/4	1,896.16	3/4	1,599.52	3/4	1,302.69	3/4	1,005.87	3/4	714.98	3/4	418.13	3/4	121.10	3/4		3/4		3/4	
1	1,889.98	1	1,593.34	1	1,296.51	1	999.68	1	708.89	1	411.94	1	114.91	1		1		1	
1/4	1,883.81	1/4	1,587.15	1/4	1,290.33	1/4	993.50	1/4	702.72	1/4	405.75	1/4	108.75	1/4		1/4		1/4	
1/2	1,877.63	1/2	1,580.97	1/2	1,284.14	1/2	987.31	1/2	696.55	1/2	399.56	1/2	102.59	1/2		1/2		1/2	
3/4	1,871.46	3/4	1,574.79	3/4	1,277.96	3/4	981.13	3/4	690.38	3/4	393.37	3/4	96.43	3/4		3/4		3/4	
2	1,865.28	2	1,568.60	2	1,271.77	2	974.95	2	684.21	2	387.18	2	90.27	2		2		2	
1/4	1,859.10	1/4	1,562.42	1/4	1,265.59	1/4	968.83	1/4	678.02	1/4	381.00	1/4	84.14	1/4		1/4		1/4	
1/2	1,852.93	1/2	1,556.23	1/2	1,259.41	1/2	962.70	1/2	671.83	1/2	374.81	1/2	78.02	1/2		1/2		1/2	
3/4	1,846.75	3/4	1,550.05	3/4	1,253.22	3/4	956.58	3/4	665.65	3/4	368.62	3/4	71.89	3/4		3/4		3/4	
3	1,840.58	3	1,543.87	3	1,247.04	3	950.46	3	659.46	3	362.43	3	65.76	3		3		3	
1/4	1,834.40	1/4	1,537.68	1/4	1,240.85	1/4	944.40	1/4	653.27	1/4	356.24	1/4	59.69	1/4		1/4		1/4	
1/2	1,828.23	1/2	1,531.50	1/2	1,234.67	1/2	938.35	1/2	647.09	1/2	350.06	1/2	53.62	1/2		1/2		1/2	
3/4	1,822.05	3/4	1,525.31	3/4	1,228.49	3/4	932.29	3/4	640.90	3/4	343.87	3/4	47.54	3/4		3/4		3/4	
4	1,815.88	4	1,519.13	4	1,222.30	4	926.23	4	634.71	4	337.68	4	41.47	4		4		4	
1/4	1,809.69	1/4	1,512.95	1/4	1,216.12	1/4	920.17	1/4	628.52	1/4	331.49	1/4	36.31	1/4		1/4		1/4	
1/2	1,803.51	1/2	1,506.76	1/2	1,209.94	1/2	914.12	1/2	622.34	1/2	325.30	1/2	31.16	1/2		1/2		1/2	
3/4	1,797.33	3/4	1,500.58	3/4	1,203.75	3/4	908.06	3/4	616.15	3/4	319.11	3/4	26.00	3/4		3/4		3/4	
5	1,791.14	5	1,494.39	5	1,197.57	5	902.00	5	609.96	5	312.93	5	20.84	5		5		5	
1/4	1,784.96	1/4	1,488.21	1/4	1,191.38	1/4	895.96	1/4	603.77	1/4	306.74	1/4	17.74	1/4		1/4		1/4	
1/2	1,778.78	1/2	1,482.03	1/2	1,185.20	1/2	889.92	1/2	597.58	1/2	300.55	1/2	14.64	1/2		1/2		1/2	
3/4	1,772.59	3/4	1,475.84	3/4	1,179.02	3/4	883.88	3/4	591.40	3/4	294.36	3/4	11.54	3/4		3/4		3/4	
6	1,766.41	6	1,469.66	6	1,172.83	6	877.84	6	585.21	6	288.17	6	8.44	6		6		6	
1/4	1,760.22	1/4	1,463.48	1/4	1,166.65	1/4	871.81	1/4	579.02	1/4	281.99	1/4	7.41	1/4		1/4		1/4	
1/2	1,754.04	1/2	1,457.29	1/2	1,160.46	1/2	865.79	1/2	572.83	1/2	275.80	1/2	6.38	1/2		1/2		1/2	
3/4	1,747.86	3/4	1,451.11	3/4	1,154.28	3/4	859.76	3/4	566.64	3/4	269.61	3/4	5.34	3/4		3/4		3/4	
7	1,741.67	7	1,444.92	7	1,148.10	7	853.74	7	560.45	7	263.42	7	4.31	7		7		7	
1/4	1,735.49	1/4	1,438.74	1/4	1,141.91	1/4	847.71	1/4	554.27	1/4	257.23	1/4		1/4		1/4		1/4	
1/2	1,729.31	1/2	1,432.56	1/2	1,135.73	1/2	841.69	1/2	548.08	1/2	251.04	1/2		1/2		1/2		1/2	
3/4	1,723.13	3/4	1,426.37	3/4	1,129.54	3/4	835.66	3/4	541.89	3/4	244.86	3/4		3/4		3/4		3/4	
8	1,716.94	8	1,420.19	8	1,123.36	8	829.64	8	535.70	8	238.67	8		8		8		8	
1/4	1,710.76	1/4	1,414.00	1/4	1,117.18	1/4	823.61	1/4	529.51	1/4	232.48	1/4		1/4		1/4		1/4	
1/2	1,704.58	1/2	1,407.82	1/2	1,110.99	1/2	817.59	1/2	523.33	1/2	226.29	1/2		1/2		1/2		1/2	
3/4	1,698.40	3/4	1,401.64	3/4	1,104.81	3/4	811.56	3/4	517.14	3/4	220.10	3/4		3/4		3/4		3/4	
9	1,692.22	9	1,395.45	9	1,098.62	9	805.54	9	510.95	9	213.92	9		9		9		9	
1/4	1,686.04	1/4	1,389.27	1/4	1,092.44	1/4	799.52	1/4	504.76	1/4	207.73	1/4		1/4		1/4		1/4	
1/2	1,679.86	1/2	1,383.08	1/2	1,086.26	1/2	793.49	1/2	498.57	1/2	201.54	1/2		1/2		1/2		1/2	
3/4	1,673.68	3/4	1,376.90	3/4	1,080.07	3/4	787.47	3/4	492.38	3/4	195.35	3/4		3/4		3/4		3/4	
10	1,667.50	10	1,370.72	10	1,073.89	10	781.44	10	486.20	10	189.16	10		10		10		10	
1/4	1,661.32	1/4	1,364.53	1/4	1,067.71	1/4	775.42	1/4	480.01	1/4	182.98	1/4		1/4		1/4		1/4	
1/2	1,655.14	1/2	1,358.35	1/2	1,061.52	1/2	769.39	1/2	473.82	1/2	176.79	1/2		1/2		1/2		1/2	
3/4	1,648.96	3/4	1,352.16	3/4	1,055.34	3/4	763.37	3/4	467.63	3/4	170.60	3/4		3/4		3/4		3/4	
11	1,642.78	11	1,345.98	11	1,049.15	11	757.34	11	461.44	11	164.41	11		11		11		11	
1/4	1,636.60	1/4	1,339.80	1/4	1,042.97	1/4	751.32	1/4	455.26	1/4	158.22	1/4		1/4		1/4		1/4	
1/2	1,630.42	1/2	1,333.61	1/2	1,036.79	1/2	745.29	1/2	449.07	1/2	152.03	1/2		1/2		1/2		1/2	
3/4	1,624.24	3/4	1,327.43	3/4	1,030.60	3/4	739.27	3/4	442.88	3/4	145.83	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024



BARGE "KIRBY 10277"

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	3,270.87	0	3,008.11	0	2,745.35	0	2,482.17	0	2,218.01	0	1,953.84
1/4		1/4		1/4		1/4		1/4	3,265.39	1/4	3,002.63	1/4	2,739.87	1/4	2,476.67	1/4	2,212.50	1/4	1,948.33
1/2		1/2		1/2		1/2	3,487.33	1/2	3,259.92	1/2	2,997.16	1/2	2,734.40	1/2	2,471.17	1/2	2,207.00	1/2	1,942.83
3/4		3/4		3/4		3/4	3,486.42	3/4	3,254.45	3/4	2,991.68	3/4	2,728.92	3/4	2,465.66	3/4	2,201.50	3/4	1,937.33
1		1		1		1	3,485.50	1	3,248.97	1	2,986.21	1	2,723.45	1	2,460.16	1	2,195.99	1	1,931.82
1/4		1/4		1/4		1/4	3,484.58	1/4	3,243.50	1/4	2,980.74	1/4	2,717.97	1/4	2,454.66	1/4	2,190.49	1/4	1,926.32
1/2		1/2		1/2		1/2	3,483.66	1/2	3,238.02	1/2	2,975.26	1/2	2,712.50	1/2	2,449.15	1/2	2,184.98	1/2	1,920.82
3/4		3/4		3/4		3/4	3,480.91	3/4	3,232.55	3/4	2,969.79	3/4	2,707.03	3/4	2,443.65	3/4	2,179.48	3/4	1,915.31
2		2		2		2	3,478.16	2	3,227.08	2	2,964.31	2	2,701.55	2	2,438.15	2	2,173.98	2	1,909.81
1/4		1/4		1/4		1/4	3,475.40	1/4	3,221.60	1/4	2,958.84	1/4	2,696.08	1/4	2,432.64	1/4	2,168.47	1/4	1,904.31
1/2		1/2		1/2		1/2	3,472.65	1/2	3,216.13	1/2	2,953.36	1/2	2,690.60	1/2	2,427.14	1/2	2,162.97	1/2	1,898.80
3/4		3/4		3/4		3/4	3,468.19	3/4	3,210.65	3/4	2,947.89	3/4	2,685.13	3/4	2,421.64	3/4	2,157.47	3/4	1,893.30
3		3		3		3	3,463.73	3	3,205.18	3	2,942.42	3	2,679.65	3	2,416.13	3	2,151.96	3	1,887.80
1/4		1/4		1/4		1/4	3,459.27	1/4	3,199.70	1/4	2,936.94	1/4	2,674.18	1/4	2,410.63	1/4	2,146.46	1/4	1,882.29
1/2		1/2		1/2		1/2	3,454.81	1/2	3,194.23	1/2	2,931.47	1/2	2,668.71	1/2	2,405.12	1/2	2,140.96	1/2	1,876.79
3/4		3/4		3/4		3/4	3,449.48	3/4	3,188.76	3/4	2,925.99	3/4	2,663.23	3/4	2,399.62	3/4	2,135.45	3/4	1,871.29
4		4		4		4	3,444.14	4	3,183.28	4	2,920.52	4	2,657.76	4	2,394.12	4	2,129.95	4	1,865.78
1/4		1/4		1/4		1/4	3,438.81	1/4	3,177.81	1/4	2,915.05	1/4	2,652.28	1/4	2,388.61	1/4	2,124.45	1/4	1,860.28
1/2		1/2		1/2		1/2	3,433.48	1/2	3,172.33	1/2	2,909.57	1/2	2,646.81	1/2	2,383.11	1/2	2,118.94	1/2	1,854.77
3/4		3/4		3/4		3/4	3,428.11	3/4	3,166.86	3/4	2,904.10	3/4	2,641.34	3/4	2,377.61	3/4	2,113.44	3/4	1,849.27
5		5		5		5	3,422.74	5	3,161.38	5	2,898.62	5	2,635.86	5	2,372.10	5	2,107.94	5	1,843.77
1/4		1/4		1/4		1/4	3,417.38	1/4	3,155.91	1/4	2,893.15	1/4	2,630.39	1/4	2,366.60	1/4	2,102.43	1/4	1,838.26
1/2		1/2		1/2		1/2	3,412.01	1/2	3,150.44	1/2	2,887.67	1/2	2,624.91	1/2	2,361.10	1/2	2,096.93	1/2	1,832.76
3/4		3/4		3/4		3/4	3,406.63	3/4	3,144.96	3/4	2,882.20	3/4	2,619.44	3/4	2,355.59	3/4	2,091.43	3/4	1,827.26
6		6		6		6	3,401.26	6	3,139.49	6	2,876.73	6	2,613.96	6	2,350.09	6	2,085.92	6	1,821.75
1/4		1/4		1/4		1/4	3,395.88	1/4	3,134.01	1/4	2,871.25	1/4	2,608.49	1/4	2,344.59	1/4	2,080.42	1/4	1,816.25
1/2		1/2		1/2		1/2	3,390.50	1/2	3,128.54	1/2	2,865.78	1/2	2,603.02	1/2	2,339.08	1/2	2,074.91	1/2	1,810.75
3/4		3/4		3/4		3/4	3,385.13	3/4	3,123.07	3/4	2,860.30	3/4	2,597.54	3/4	2,333.58	3/4	2,069.41	3/4	1,805.24
7		7		7		7	3,379.75	7	3,117.59	7	2,854.83	7	2,592.07	7	2,328.08	7	2,063.91	7	1,799.74
1/4		1/4		1/4		1/4	3,374.38	1/4	3,112.12	1/4	2,849.36	1/4	2,586.59	1/4	2,322.57	1/4	2,058.40	1/4	1,794.24
1/2		1/2		1/2		1/2	3,369.00	1/2	3,106.64	1/2	2,843.88	1/2	2,581.12	1/2	2,317.07	1/2	2,052.90	1/2	1,788.73
3/4		3/4		3/4		3/4	3,363.63	3/4	3,101.17	3/4	2,838.41	3/4	2,575.65	3/4	2,311.57	3/4	2,047.40	3/4	1,783.23
8		8		8		8	3,358.26	8	3,095.69	8	2,832.93	8	2,570.17	8	2,306.06	8	2,041.89	8	1,777.73
1/4		1/4		1/4		1/4	3,352.88	1/4	3,090.22	1/4	2,827.46	1/4	2,564.70	1/4	2,300.56	1/4	2,036.39	1/4	1,772.22
1/2		1/2		1/2		1/2	3,347.51	1/2	3,084.75	1/2	2,821.98	1/2	2,559.22	1/2	2,295.05	1/2	2,030.89	1/2	1,766.72
3/4		3/4		3/4		3/4	3,342.03	3/4	3,079.27	3/4	2,816.51	3/4	2,553.72	3/4	2,289.55	3/4	2,025.38	3/4	1,761.22
9		9		9		9	3,336.56	9	3,073.80	9	2,811.04	9	2,548.22	9	2,284.05	9	2,019.88	9	1,755.71
1/4		1/4		1/4		1/4	3,331.08	1/4	3,068.32	1/4	2,805.56	1/4	2,542.71	1/4	2,278.54	1/4	2,014.38	1/4	1,750.21
1/2		1/2		1/2		1/2	3,325.61	1/2	3,062.85	1/2	2,800.09	1/2	2,537.21	1/2	2,273.04	1/2	2,008.87	1/2	1,744.70
3/4		3/4		3/4		3/4	3,320.14	3/4	3,057.37	3/4	2,794.61	3/4	2,531.71	3/4	2,267.54	3/4	2,003.37	3/4	1,739.20
10		10		10		10	3,314.66	10	3,051.90	10	2,789.14	10	2,526.20	10	2,262.03	10	1,997.87	10	1,733.70
1/4		1/4		1/4		1/4	3,309.19	1/4	3,046.43	1/4	2,783.66	1/4	2,520.70	1/4	2,256.53	1/4	1,992.36	1/4	1,728.19
1/2		1/2		1/2		1/2	3,303.71	1/2	3,040.95	1/2	2,778.19	1/2	2,515.19	1/2	2,251.03	1/2	1,986.86	1/2	1,722.69
3/4		3/4		3/4		3/4	3,298.24	3/4	3,035.48	3/4	2,772.72	3/4	2,509.69	3/4	2,245.52	3/4	1,981.36	3/4	1,717.19
11		11		11		11	3,292.77	11	3,030.00	11	2,767.24	11	2,504.19	11	2,240.02	11	1,975.85	11	1,711.68
1/4		1/4		1/4		1/4	3,287.29	1/4	3,024.53	1/4	2,761.77	1/4	2,498.68	1/4	2,234.52	1/4	1,970.35	1/4	1,706.18
1/2		1/2		1/2		1/2	3,281.82	1/2	3,019.06	1/2	2,756.29	1/2	2,493.18	1/2	2,229.01	1/2	1,964.84	1/2	1,700.68
3/4		3/4		3/4		3/4	3,276.34	3/4	3,013.58	3/4	2,750.82	3/4	2,487.68	3/4	2,223.51	3/4	1,959.34	3/4	1,695.17

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 10277"

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	1,689.67	0	1,425.50	0	1,161.17	0	898.54	0	638.38	0	374.15	0	109.90	0		0		0	
1/4	1,684.17	1/4	1,420.00	1/4	1,155.67	1/4	893.12	1/4	632.92	1/4	368.65	1/4	104.41	1/4		1/4		1/4	
1/2	1,678.66	1/2	1,414.49	1/2	1,150.16	1/2	887.69	1/2	627.46	1/2	363.14	1/2	98.92	1/2		1/2		1/2	
3/4	1,673.16	3/4	1,408.99	3/4	1,144.65	3/4	882.27	3/4	621.95	3/4	357.64	3/4	93.45	3/4		3/4		3/4	
1	1,667.66	1	1,403.48	1	1,139.14	1	876.85	1	616.44	1	352.13	1	87.97	1		1		1	
1/4	1,662.15	1/4	1,397.97	1/4	1,133.64	1/4	871.43	1/4	610.94	1/4	346.62	1/4	82.50	1/4		1/4		1/4	
1/2	1,656.65	1/2	1,392.47	1/2	1,128.13	1/2	866.01	1/2	605.43	1/2	341.12	1/2	77.03	1/2		1/2		1/2	
3/4	1,651.15	3/4	1,386.96	3/4	1,122.62	3/4	860.58	3/4	599.93	3/4	335.61	3/4	71.59	3/4		3/4		3/4	
2	1,645.64	2	1,381.45	2	1,117.12	2	855.16	2	594.42	2	330.10	2	66.14	2		2		2	
1/4	1,640.14	1/4	1,375.95	1/4	1,111.61	1/4	849.74	1/4	588.91	1/4	324.60	1/4	60.70	1/4		1/4		1/4	
1/2	1,634.63	1/2	1,370.44	1/2	1,106.10	1/2	844.32	1/2	583.41	1/2	319.09	1/2	55.26	1/2		1/2		1/2	
3/4	1,629.13	3/4	1,364.93	3/4	1,100.60	3/4	838.90	3/4	577.90	3/4	313.58	3/4	49.86	3/4		3/4		3/4	
3	1,623.63	3	1,359.42	3	1,095.09	3	833.48	3	572.39	3	308.08	3	44.47	3		3		3	
1/4	1,618.12	1/4	1,353.92	1/4	1,089.58	1/4	828.05	1/4	566.89	1/4	302.57	1/4	39.08	1/4		1/4		1/4	
1/2	1,612.62	1/2	1,348.41	1/2	1,084.07	1/2	822.63	1/2	561.38	1/2	297.06	1/2	33.69	1/2		1/2		1/2	
3/4	1,607.12	3/4	1,342.90	3/4	1,078.57	3/4	817.22	3/4	555.87	3/4	291.56	3/4	29.11	3/4		3/4		3/4	
4	1,601.61	4	1,337.40	4	1,073.06	4	811.80	4	550.37	4	286.05	4	24.52	4		4		4	
1/4	1,596.11	1/4	1,331.89	1/4	1,067.55	1/4	806.38	1/4	544.86	1/4	280.54	1/4	19.94	1/4		1/4		1/4	
1/2	1,590.61	1/2	1,326.38	1/2	1,062.05	1/2	800.97	1/2	539.35	1/2	275.04	1/2	15.36	1/2		1/2		1/2	
3/4	1,585.10	3/4	1,320.88	3/4	1,056.54	3/4	795.55	3/4	533.85	3/4	269.53	3/4	12.61	3/4		3/4		3/4	
5	1,579.60	5	1,315.37	5	1,051.03	5	790.13	5	528.34	5	264.02	5	9.86	5		5		5	
1/4	1,574.10	1/4	1,309.86	1/4	1,045.53	1/4	784.72	1/4	522.83	1/4	258.52	1/4	7.10	1/4		1/4		1/4	
1/2	1,568.59	1/2	1,304.35	1/2	1,040.02	1/2	779.30	1/2	517.33	1/2	253.01	1/2	4.35	1/2		1/2		1/2	
3/4	1,563.09	3/4	1,298.85	3/4	1,034.51	3/4	773.88	3/4	511.82	3/4	247.50	3/4	3.43	3/4		3/4		3/4	
6	1,557.59	6	1,293.34	6	1,029.00	6	768.47	6	506.31	6	242.00	6	2.52	6		6		6	
1/4	1,552.08	1/4	1,287.83	1/4	1,023.50	1/4	763.05	1/4	500.81	1/4	236.49	1/4	1.60	1/4		1/4		1/4	
1/2	1,546.58	1/2	1,282.33	1/2	1,017.99	1/2	757.63	1/2	495.30	1/2	230.98	1/2	0.68	1/2		1/2		1/2	
3/4	1,541.08	3/4	1,276.82	3/4	1,012.53	3/4	752.22	3/4	489.79	3/4	225.48	3/4		3/4		3/4		3/4	
7	1,535.57	7	1,271.31	7	1,007.06	7	746.80	7	484.29	7	219.97	7		7		7		7	
1/4	1,530.07	1/4	1,265.81	1/4	1,001.59	1/4	741.38	1/4	478.78	1/4	214.46	1/4		1/4		1/4		1/4	
1/2	1,524.56	1/2	1,260.30	1/2	996.13	1/2	735.97	1/2	473.27	1/2	208.96	1/2		1/2		1/2		1/2	
3/4	1,519.06	3/4	1,254.79	3/4	990.71	3/4	730.55	3/4	467.77	3/4	203.45	3/4		3/4		3/4		3/4	
8	1,513.56	8	1,249.28	8	985.29	8	725.14	8	462.26	8	197.94	8		8		8		8	
1/4	1,508.05	1/4	1,243.78	1/4	979.86	1/4	719.72	1/4	456.75	1/4	192.44	1/4		1/4		1/4		1/4	
1/2	1,502.55	1/2	1,238.27	1/2	974.44	1/2	714.30	1/2	451.25	1/2	186.93	1/2		1/2		1/2		1/2	
3/4	1,497.05	3/4	1,232.76	3/4	969.02	3/4	708.89	3/4	445.74	3/4	181.42	3/4		3/4		3/4		3/4	
9	1,491.54	9	1,227.26	9	963.60	9	703.47	9	440.23	9	175.92	9		9		9		9	
1/4	1,486.04	1/4	1,221.75	1/4	958.18	1/4	698.05	1/4	434.73	1/4	170.41	1/4		1/4		1/4		1/4	
1/2	1,480.54	1/2	1,216.24	1/2	952.76	1/2	692.64	1/2	429.22	1/2	164.90	1/2		1/2		1/2		1/2	
3/4	1,475.03	3/4	1,210.74	3/4	947.33	3/4	687.22	3/4	423.71	3/4	159.40	3/4		3/4		3/4		3/4	
10	1,469.53	10	1,205.23	10	941.91	10	681.80	10	418.21	10	153.89	10		10		10		10	
1/4	1,464.03	1/4	1,199.72	1/4	936.49	1/4	676.39	1/4	412.70	1/4	148.39	1/4		1/4		1/4		1/4	
1/2	1,458.52	1/2	1,194.21	1/2	931.07	1/2	670.97	1/2	407.19	1/2	142.88	1/2		1/2		1/2		1/2	
3/4	1,453.02	3/4	1,188.71	3/4	925.65	3/4	665.55	3/4	401.69	3/4	137.38	3/4		3/4		3/4		3/4	
11	1,447.52	11	1,183.20	11	920.22	11	660.14	11	396.18	11	131.88	11		11		11		11	
1/4	1,442.01	1/4	1,177.69	1/4	914.80	1/4	654.72	1/4	390.67	1/4	126.38	1/4		1/4		1/4		1/4	
1/2	1,436.51	1/2	1,172.19	1/2	909.38	1/2	649.31	1/2	385.17	1/2	120.88	1/2		1/2		1/2		1/2	
3/4	1,431.01	3/4	1,166.68	3/4	903.96	3/4	643.84	3/4	379.66	3/4	115.39	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024



BARGE "KIRBY 10277"

3 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	3,236.53	0	2,976.87	0	2,717.22	0	2,457.15	0	2,196.11	0	1,935.06
1/4		1/4		1/4		1/4		1/4	3,231.12	1/4	2,971.46	1/4	2,711.81	1/4	2,451.71	1/4	2,190.67	1/4	1,929.62
1/2		1/2		1/2		1/2	3,450.43	1/2	3,225.71	1/2	2,966.05	1/2	2,706.40	1/2	2,446.28	1/2	2,185.23	1/2	1,924.18
3/4		3/4		3/4		3/4	3,449.52	3/4	3,220.30	3/4	2,960.64	3/4	2,700.99	3/4	2,440.84	3/4	2,179.79	3/4	1,918.74
1		1		1		1	3,448.62	1	3,214.89	1	2,955.23	1	2,695.58	1	2,435.40	1	2,174.35	1	1,913.30
1/4		1/4		1/4		1/4	3,447.71	1/4	3,209.48	1/4	2,949.82	1/4	2,690.17	1/4	2,429.96	1/4	2,168.91	1/4	1,907.86
1/2		1/2		1/2		1/2	3,446.80	1/2	3,204.07	1/2	2,944.41	1/2	2,684.76	1/2	2,424.52	1/2	2,163.47	1/2	1,902.43
3/4		3/4		3/4		3/4	3,444.08	3/4	3,198.66	3/4	2,939.00	3/4	2,679.35	3/4	2,419.08	3/4	2,158.04	3/4	1,896.99
2		2		2		2	3,441.36	2	3,193.25	2	2,933.60	2	2,673.94	2	2,413.65	2	2,152.60	2	1,891.55
1/4		1/4		1/4		1/4	3,438.64	1/4	3,187.84	1/4	2,928.19	1/4	2,668.53	1/4	2,408.21	1/4	2,147.16	1/4	1,886.11
1/2		1/2		1/2		1/2	3,435.92	1/2	3,182.43	1/2	2,922.78	1/2	2,663.12	1/2	2,402.77	1/2	2,141.72	1/2	1,880.67
3/4		3/4		3/4		3/4	3,431.51	3/4	3,177.02	3/4	2,917.37	3/4	2,657.71	3/4	2,397.33	3/4	2,136.28	3/4	1,875.23
3		3		3		3	3,427.11	3	3,171.61	3	2,911.96	3	2,652.30	3	2,391.89	3	2,130.84	3	1,869.80
1/4		1/4		1/4		1/4	3,422.70	1/4	3,166.20	1/4	2,906.55	1/4	2,646.89	1/4	2,386.45	1/4	2,125.40	1/4	1,864.36
1/2		1/2		1/2		1/2	3,418.30	1/2	3,160.79	1/2	2,901.14	1/2	2,641.48	1/2	2,381.01	1/2	2,119.97	1/2	1,858.92
3/4		3/4		3/4		3/4	3,413.03	3/4	3,155.38	3/4	2,895.73	3/4	2,636.07	3/4	2,375.58	3/4	2,114.53	3/4	1,853.48
4		4		4		4	3,407.76	4	3,149.98	4	2,890.32	4	2,630.66	4	2,370.14	4	2,109.09	4	1,848.04
1/4		1/4		1/4		1/4	3,402.49	1/4	3,144.57	1/4	2,884.91	1/4	2,625.25	1/4	2,364.70	1/4	2,103.65	1/4	1,842.60
1/2		1/2		1/2		1/2	3,397.21	1/2	3,139.16	1/2	2,879.50	1/2	2,619.84	1/2	2,359.26	1/2	2,098.21	1/2	1,837.16
3/4		3/4		3/4		3/4	3,391.91	3/4	3,133.75	3/4	2,874.09	3/4	2,614.43	3/4	2,353.82	3/4	2,092.77	3/4	1,831.73
5		5		5		5	3,386.61	5	3,128.34	5	2,868.68	5	2,609.03	5	2,348.38	5	2,087.34	5	1,826.29
1/4		1/4		1/4		1/4	3,381.31	1/4	3,122.93	1/4	2,863.27	1/4	2,603.62	1/4	2,342.94	1/4	2,081.90	1/4	1,820.85
1/2		1/2		1/2		1/2	3,376.01	1/2	3,117.52	1/2	2,857.86	1/2	2,598.21	1/2	2,337.51	1/2	2,076.46	1/2	1,815.41
3/4		3/4		3/4		3/4	3,370.69	3/4	3,112.11	3/4	2,852.45	3/4	2,592.80	3/4	2,332.07	3/4	2,071.02	3/4	1,809.97
6		6		6		6	3,365.38	6	3,106.70	6	2,847.04	6	2,587.39	6	2,326.63	6	2,065.58	6	1,804.53
1/4		1/4		1/4		1/4	3,360.06	1/4	3,101.29	1/4	2,841.63	1/4	2,581.98	1/4	2,321.19	1/4	2,060.14	1/4	1,799.09
1/2		1/2		1/2		1/2	3,354.74	1/2	3,095.88	1/2	2,836.22	1/2	2,576.57	1/2	2,315.75	1/2	2,054.70	1/2	1,793.66
3/4		3/4		3/4		3/4	3,349.43	3/4	3,090.47	3/4	2,830.81	3/4	2,571.16	3/4	2,310.31	3/4	2,049.27	3/4	1,788.22
7		7		7		7	3,344.12	7	3,085.06	7	2,825.41	7	2,565.75	7	2,304.88	7	2,043.83	7	1,782.78
1/4		1/4		1/4		1/4	3,338.81	1/4	3,079.65	1/4	2,820.00	1/4	2,560.34	1/4	2,299.44	1/4	2,038.39	1/4	1,777.34
1/2		1/2		1/2		1/2	3,333.50	1/2	3,074.24	1/2	2,814.59	1/2	2,554.93	1/2	2,294.00	1/2	2,032.95	1/2	1,771.90
3/4		3/4		3/4		3/4	3,328.19	3/4	3,068.83	3/4	2,809.18	3/4	2,549.52	3/4	2,288.56	3/4	2,027.51	3/4	1,766.46
8		8		8		8	3,322.88	8	3,063.42	8	2,803.77	8	2,544.11	8	2,283.12	8	2,022.07	8	1,761.03
1/4		1/4		1/4		1/4	3,317.57	1/4	3,058.01	1/4	2,798.36	1/4	2,538.70	1/4	2,277.68	1/4	2,016.63	1/4	1,755.59
1/2		1/2		1/2		1/2	3,312.26	1/2	3,052.60	1/2	2,792.95	1/2	2,533.29	1/2	2,272.24	1/2	2,011.20	1/2	1,750.15
3/4		3/4		3/4		3/4	3,306.85	3/4	3,047.19	3/4	2,787.54	3/4	2,527.85	3/4	2,266.81	3/4	2,005.76	3/4	1,744.71
9		9		9		9	3,301.44	9	3,041.79	9	2,782.13	9	2,522.42	9	2,261.37	9	2,000.32	9	1,739.27
1/4		1/4		1/4		1/4	3,296.03	1/4	3,036.38	1/4	2,776.72	1/4	2,516.98	1/4	2,255.93	1/4	1,994.88	1/4	1,733.83
1/2		1/2		1/2		1/2	3,290.62	1/2	3,030.97	1/2	2,771.31	1/2	2,511.54	1/2	2,250.49	1/2	1,989.44	1/2	1,728.39
3/4		3/4		3/4		3/4	3,285.21	3/4	3,025.56	3/4	2,765.90	3/4	2,506.10	3/4	2,245.05	3/4	1,984.00	3/4	1,722.96
10		10		10		10	3,279.80	10	3,020.15	10	2,760.49	10	2,500.66	10	2,239.61	10	1,978.57	10	1,717.52
1/4		1/4		1/4		1/4	3,274.39	1/4	3,014.74	1/4	2,755.08	1/4	2,495.22	1/4	2,234.17	1/4	1,973.13	1/4	1,712.08
1/2		1/2		1/2		1/2	3,268.98	1/2	3,009.33	1/2	2,749.67	1/2	2,489.78	1/2	2,228.74	1/2	1,967.69	1/2	1,706.64
3/4		3/4		3/4		3/4	3,263.57	3/4	3,003.92	3/4	2,744.26	3/4	2,484.35	3/4	2,223.30	3/4	1,962.25	3/4	1,701.20
11		11		11		11	3,258.17	11	2,998.51	11	2,738.85	11	2,478.91	11	2,217.86	11	1,956.81	11	1,695.76
1/4		1/4		1/4		1/4	3,252.76	1/4	2,993.10	1/4	2,733.44	1/4	2,473.47	1/4	2,212.42	1/4	1,951.37	1/4	1,690.32
1/2		1/2		1/2		1/2	3,247.35	1/2	2,987.69	1/2	2,728.03	1/2	2,468.03	1/2	2,206.98	1/2	1,945.93	1/2	1,684.89
3/4		3/4		3/4		3/4	3,241.94	3/4	2,982.28	3/4	2,722.62	3/4	2,462.59	3/4	2,201.54	3/4	1,940.50	3/4	1,679.45

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" 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 10277"

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	1,674.01	0	1,412.96	0	1,151.75	0	891.33	0	630.94	0	369.75	0	108.61	0		0		0	
1/4	1,668.57	1/4	1,407.52	1/4	1,146.31	1/4	885.92	1/4	625.50	1/4	364.31	1/4	103.18	1/4		1/4		1/4	
1/2	1,663.13	1/2	1,402.08	1/2	1,140.86	1/2	880.52	1/2	620.06	1/2	358.87	1/2	97.75	1/2		1/2		1/2	
3/4	1,657.69	3/4	1,396.64	3/4	1,135.42	3/4	875.11	3/4	614.62	3/4	353.42	3/4	92.35	3/4		3/4		3/4	
1	1,652.26	1	1,391.20	1	1,129.98	1	869.70	1	609.18	1	347.98	1	86.94	1		1		1	
1/4	1,646.82	1/4	1,385.76	1/4	1,124.54	1/4	864.30	1/4	603.74	1/4	342.54	1/4	81.53	1/4		1/4		1/4	
1/2	1,641.38	1/2	1,380.32	1/2	1,119.10	1/2	858.89	1/2	598.30	1/2	337.10	1/2	76.13	1/2		1/2		1/2	
3/4	1,635.94	3/4	1,374.87	3/4	1,113.65	3/4	853.49	3/4	592.86	3/4	331.66	3/4	70.75	3/4		3/4		3/4	
2	1,630.50	2	1,369.43	2	1,108.21	2	848.08	2	587.42	2	326.22	2	65.37	2		2		2	
1/4	1,625.06	1/4	1,363.99	1/4	1,102.77	1/4	842.68	1/4	581.98	1/4	320.77	1/4	59.99	1/4		1/4		1/4	
1/2	1,619.62	1/2	1,358.55	1/2	1,097.33	1/2	837.27	1/2	576.53	1/2	315.33	1/2	54.61	1/2		1/2		1/2	
3/4	1,614.19	3/4	1,353.11	3/4	1,091.88	3/4	831.87	3/4	571.09	3/4	309.89	3/4	49.28	3/4		3/4		3/4	
3	1,608.75	3	1,347.66	3	1,086.44	3	826.46	3	565.65	3	304.45	3	43.95	3		3		3	
1/4	1,603.31	1/4	1,342.22	1/4	1,081.00	1/4	821.05	1/4	560.21	1/4	299.01	1/4	38.62	1/4		1/4		1/4	
1/2	1,597.87	1/2	1,336.78	1/2	1,075.56	1/2	815.65	1/2	554.77	1/2	293.57	1/2	33.29	1/2		1/2		1/2	
3/4	1,592.43	3/4	1,331.34	3/4	1,070.12	3/4	810.25	3/4	549.33	3/4	288.12	3/4	28.77	3/4		3/4		3/4	
4	1,586.99	4	1,325.89	4	1,064.67	4	804.85	4	543.88	4	282.68	4	24.24	4		4		4	
1/4	1,581.55	1/4	1,320.45	1/4	1,059.23	1/4	799.45	1/4	538.44	1/4	277.24	1/4	19.71	1/4		1/4		1/4	
1/2	1,576.12	1/2	1,315.01	1/2	1,053.79	1/2	794.05	1/2	533.00	1/2	271.80	1/2	15.19	1/2		1/2		1/2	
3/4	1,570.68	3/4	1,309.57	3/4	1,048.35	3/4	788.61	3/4	527.56	3/4	266.36	3/4	12.47	3/4		3/4		3/4	
5	1,565.24	5	1,304.13	5	1,042.91	5	783.17	5	522.12	5	260.91	5	9.74	5		5		5	
1/4	1,559.80	1/4	1,298.68	1/4	1,037.46	1/4	777.74	1/4	516.67	1/4	255.47	1/4	7.02	1/4		1/4		1/4	
1/2	1,554.36	1/2	1,293.24	1/2	1,032.02	1/2	772.30	1/2	511.23	1/2	250.03	1/2	4.30	1/2		1/2		1/2	
3/4	1,548.92	3/4	1,287.80	3/4	1,026.58	3/4	766.86	3/4	505.79	3/4	244.59	3/4	3.40	3/4		3/4		3/4	
6	1,543.49	6	1,282.36	6	1,021.14	6	761.43	6	500.35	6	239.15	6	2.49	6		6		6	
1/4	1,538.05	1/4	1,276.92	1/4	1,015.70	1/4	755.99	1/4	494.91	1/4	233.71	1/4	1.58	1/4		1/4		1/4	
1/2	1,532.61	1/2	1,271.47	1/2	1,010.25	1/2	750.55	1/2	489.47	1/2	228.26	1/2	0.68	1/2		1/2		1/2	
3/4	1,527.17	3/4	1,266.03	3/4	1,004.85	3/4	745.12	3/4	484.02	3/4	222.82	3/4		3/4		3/4		3/4	
7	1,521.73	7	1,260.59	7	999.44	7	739.68	7	478.58	7	217.38	7		7		7		7	
1/4	1,516.29	1/4	1,255.15	1/4	994.04	1/4	734.24	1/4	473.14	1/4	211.94	1/4		1/4		1/4		1/4	
1/2	1,510.85	1/2	1,249.71	1/2	988.63	1/2	728.81	1/2	467.70	1/2	206.50	1/2		1/2		1/2		1/2	
3/4	1,505.42	3/4	1,244.26	3/4	983.22	3/4	723.37	3/4	462.26	3/4	201.06	3/4		3/4		3/4		3/4	
8	1,499.98	8	1,238.82	8	977.82	8	717.93	8	456.82	8	195.61	8		8		8		8	
1/4	1,494.54	1/4	1,233.38	1/4	972.41	1/4	712.50	1/4	451.37	1/4	190.17	1/4		1/4		1/4		1/4	
1/2	1,489.10	1/2	1,227.94	1/2	967.01	1/2	707.06	1/2	445.93	1/2	184.73	1/2		1/2		1/2		1/2	
3/4	1,483.66	3/4	1,222.50	3/4	961.60	3/4	701.62	3/4	440.49	3/4	179.29	3/4		3/4		3/4		3/4	
9	1,478.22	9	1,217.05	9	956.20	9	696.19	9	435.05	9	173.85	9		9		9		9	
1/4	1,472.78	1/4	1,211.61	1/4	950.79	1/4	690.75	1/4	429.61	1/4	168.41	1/4		1/4		1/4		1/4	
1/2	1,467.35	1/2	1,206.17	1/2	945.38	1/2	685.31	1/2	424.17	1/2	162.96	1/2		1/2		1/2		1/2	
3/4	1,461.91	3/4	1,200.73	3/4	939.98	3/4	679.88	3/4	418.72	3/4	157.52	3/4		3/4		3/4		3/4	
10	1,456.47	10	1,195.28	10	934.57	10	674.44	10	413.28	10	152.08	10		10		10		10	
1/4	1,451.03	1/4	1,189.84	1/4	929.17	1/4	669.00	1/4	407.84	1/4	146.64	1/4		1/4		1/4		1/4	
1/2	1,445.59	1/2	1,184.40	1/2	923.76	1/2	663.57	1/2	402.40	1/2	141.20	1/2		1/2		1/2		1/2	
3/4	1,440.15	3/4	1,178.96	3/4	918.36	3/4	658.13	3/4	396.96	3/4	135.76	3/4		3/4		3/4		3/4	
11	1,434.72	11	1,173.52	11	912.95	11	652.69	11	391.52	11	130.33	11		11		11		11	
1/4	1,429.28	1/4	1,168.07	1/4	907.54	1/4	647.26	1/4	386.07	1/4	124.89	1/4		1/4		1/4		1/4	
1/2	1,423.84	1/2	1,162.63	1/2	902.14	1/2	641.82	1/2	380.63	1/2	119.46	1/2		1/2		1/2		1/2	
3/4	1,418.40	3/4	1,157.19	3/4	896.73	3/4	636.38	3/4	375.19	3/4	114.03	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2013 CL
VERIFIED: 12/13/2023 JS
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PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024