



BARGE "KIRBY 10107"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

April 10, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10107"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4		1/4		1/4	3,555.37	1/4	3,302.38	1/4	3,049.39	1/4	2,790.73	1/4	2,495.04	1/4	2,198.64		
1/2		1/2		1/2		1/2	3,765.75	1/2	3,544.83	1/2	3,291.84	1/2	3,038.85	1/2	2,778.42	1/2	2,482.69	1/2	2,186.29		
3/4		3/4		3/4		3/4	3,764.71	3/4	3,539.56	3/4	3,286.57	3/4	3,033.58	3/4	2,772.26	3/4	2,476.51	3/4	2,180.11		
1	1	1	1	1	1	1	3,763.68	1	3,534.29	1	3,281.30	1	3,028.31	1	2,766.10	1	2,470.34	1	2,173.94		
1/4		1/4		1/4		1/4	3,762.65	1/4	3,529.02	1/4	3,276.03	1/4	3,023.04	1/4	2,759.95	1/4	2,464.16	1/4	2,167.76		
1/2		1/2		1/2		1/2	3,761.61	1/2	3,523.75	1/2	3,270.76	1/2	3,017.77	1/2	2,753.79	1/2	2,457.99	1/2	2,161.59		
3/4		3/4		3/4		3/4	3,758.51	3/4	3,518.48	3/4	3,265.49	3/4	3,012.50	3/4	2,747.63	3/4	2,451.81	3/4	2,155.41		
2	2	2	2	2	2	2	3,755.41	2	3,513.21	2	3,260.22	2	3,007.23	2	2,741.48	2	2,445.64	2	2,149.24		
1/4		1/4		1/4		1/4	3,752.31	1/4	3,507.94	1/4	3,254.95	1/4	3,001.96	1/4	2,735.32	1/4	2,439.46	1/4	2,143.06		
1/2		1/2		1/2		1/2	3,749.21	1/2	3,502.67	1/2	3,249.68	1/2	2,996.69	1/2	2,729.17	1/2	2,433.29	1/2	2,136.89		
3/4		3/4		3/4		3/4	3,745.06	3/4	3,497.39	3/4	3,244.41	3/4	2,991.42	3/4	2,723.01	3/4	2,427.11	3/4	2,130.71		
3	3	3	3	3	3	3	3,740.91	3	3,492.12	3	3,239.14	3	2,986.15	3	2,716.85	3	2,422.94	3	2,124.54		
1/4		1/4		1/4		1/4	3,736.76	1/4	3,486.85	1/4	3,233.86	1/4	2,980.88	1/4	2,710.70	1/4	2,414.76	1/4	2,118.36		
1/2		1/2		1/2		1/2	3,732.61	1/2	3,481.58	1/2	3,228.59	1/2	2,975.61	1/2	2,704.54	1/2	2,408.59	1/2	2,112.19		
3/4		3/4		3/4		3/4	3,727.47	3/4	3,476.31	3/4	3,223.32	3/4	2,970.33	3/4	2,698.38	3/4	2,402.41	3/4	2,106.01		
4	4	4	4	4	4	4	3,722.34	4	3,471.04	4	3,218.05	4	2,965.06	4	2,692.23	4	2,396.24	4	2,099.84		
1/4		1/4		1/4		1/4	3,717.20	1/4	3,465.77	1/4	3,212.78	1/4	2,959.79	1/4	2,686.07	1/4	2,390.06	1/4	2,093.66		
1/2		1/2		1/2		1/2	3,712.07	1/2	3,460.50	1/2	3,207.51	1/2	2,954.52	1/2	2,679.91	1/2	2,383.89	1/2	2,087.49		
3/4		3/4		3/4		3/4	3,706.89	3/4	3,455.23	3/4	3,202.24	3/4	2,949.25	3/4	2,673.76	3/4	2,377.71	3/4	2,081.31		
5	5	5	5	5	5	5	3,701.72	5	3,449.96	5	3,196.97	5	2,943.98	5	2,667.60	5	2,371.54	5	2,075.14		
1/4		1/4		1/4		1/4	3,696.55	1/4	3,444.69	1/4	3,191.70	1/4	2,938.71	1/4	2,661.45	1/4	2,365.36	1/4	2,068.96		
1/2		1/2		1/2		1/2	3,691.38	1/2	3,439.42	1/2	3,186.43	1/2	2,933.44	1/2	2,655.29	1/2	2,359.19	1/2	2,062.79		
3/4		3/4		3/4		3/4	3,686.19	3/4	3,434.15	3/4	3,181.16	3/4	2,928.17	3/4	2,649.13	3/4	2,353.01	3/4	2,056.61		
6	6	6	6	6	6	6	3,681.01	6	3,428.88	6	3,175.89	6	2,922.90	6	2,642.98	6	2,346.84	6	2,050.44		
1/4		1/4		1/4		1/4	3,675.82	1/4	3,423.61	1/4	3,170.62	1/4	2,917.63	1/4	2,636.82	1/4	2,340.66	1/4	2,044.26		
1/2		1/2		1/2		1/2	3,670.63	1/2	3,418.34	1/2	3,165.35	1/2	2,912.36	1/2	2,630.66	1/2	2,334.49	1/2	2,038.09		
3/4		3/4		3/4		3/4	3,665.45	3/4	3,413.07	3/4	3,160.08	3/4	2,907.09	3/4	2,624.51	3/4	2,328.31	3/4	2,031.91		
7	7	7	7	7	7	7	3,660.27	7	3,407.79	7	3,154.81	7	2,901.82	7	2,618.35	7	2,322.14	7	2,025.74		
1/4		1/4		1/4		1/4	3,655.08	1/4	3,402.52	1/4	3,149.54	1/4	2,896.55	1/4	2,612.20	1/4	2,315.96	1/4	2,019.56		
1/2		1/2		1/2		1/2	3,649.90	1/2	3,397.25	1/2	3,144.26	1/2	2,891.28	1/2	2,606.04	1/2	2,309.79	1/2	2,013.39		
3/4		3/4		3/4		3/4	3,644.71	3/4	3,391.98	3/4	3,138.99	3/4	2,886.01	3/4	2,599.88	3/4	2,303.61	3/4	2,007.21		
8	8	8	8	8	8	8	3,639.53	8	3,386.71	8	3,133.72	8	2,880.73	8	2,593.73	8	2,297.44	8	2,001.04		
1/4		1/4		1/4		1/4	3,634.34	1/4	3,381.44	1/4	3,128.45	1/4	2,875.46	1/4	2,587.57	1/4	2,291.26	1/4	1,994.86		
1/2		1/2		1/2		1/2	3,629.16	1/2	3,376.17	1/2	3,123.18	1/2	2,870.19	1/2	2,581.41	1/2	2,285.09	1/2	1,988.69		
3/4		3/4		3/4		3/4	3,623.89	3/4	3,370.90	3/4	3,117.91	3/4	2,864.90	3/4	2,575.26	3/4	2,278.91	3/4	1,982.51		
9	9	9	9	9	9	9	3,618.62	9	3,365.63	9	3,112.64	9	2,859.60	9	2,569.10	9	2,272.74	9	1,976.34		
1/4		1/4		1/4		1/4	3,613.35	1/4	3,360.36	1/4	3,107.37	1/4	2,854.31	1/4	2,562.95	1/4	2,266.56	1/4	1,970.16		
1/2		1/2		1/2		1/2	3,608.08	1/2	3,355.09	1/2	3,102.10	1/2	2,849.01	1/2	2,556.79	1/2	2,260.39	1/2	1,963.99		
3/4		3/4		3/4		3/4	3,602.81	3/4	3,349.82	3/4	3,096.83	3/4	2,843.72	3/4	2,550.61	3/4	2,254.21	3/4	1,957.81		
10	10	10	10	10	10	10	3,597.54	10	3,344.55	10	3,091.56	10	2,838.42	10	2,544.44	10	2,248.04	10	1,951.64		
1/4		1/4		1/4		1/4	3,592.27	1/4	3,339.28	1/4	3,086.29	1/4	2,833.12	1/4	2,538.26	1/4	2,241.86	1/4	1,945.46		
1/2		1/2		1/2		1/2	3,587.00	1/2	3,334.01	1/2	3,081.02	1/2	2,827.83	1/2	2,532.09	1/2	2,235.69	1/2	1,939.29		
3/4		3/4		3/4		3/4	3,581.72	3/4	3,328.74	3/4	3,075.75	3/4	2,821.63	3/4	2,525.91	3/4	2,229.51	3/4	1,933.11		
11	11	11	11	11	11	11	3,576.45	11	3,323.47	11	3,070.48	11	2,815.43	11	2,519.74	11	2,223.34	11	1,926.94		
1/4		1/4		1/4		1/4	3,571.18	1/4	3,318.19	1/4	3,065.21	1/4	2,809.24	1/4	2,513.56	1/4	2,217.16	1/4	1,920.76		
1/2		1/2		1/2		1/2	3,565.91	1/2	3,312.92	1/2	3,059.94	1/2	2,803.04	1/2	2,507.39	1/2	2,210.99	1/2	1,914.59		
3/4		3/4		3/4		3/4	3,560.64	3/4	3,307.65	3/4	3,054.66	3/4	2,796.88	3/4	2,501.21	3/4	2,204.81	3/4	1,908.41		

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 10107"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,902.24	0	1,605.62	0	1,308.81	0	1,012.00	0	721.03	0	424.29	0	127.27	0		0		0	
1/4	1,896.06	1/4	1,599.44	1/4	1,302.63	1/4	1,005.82	1/4	714.94	1/4	418.11	1/4	121.09	1/4	1/4	1/4		1/4	
1/2	1,889.89	1/2	1,593.26	1/2	1,296.45	1/2	999.63	1/2	708.85	1/2	411.92	1/2	114.91	1/2	1/2	1/2		1/2	
3/4	1,883.71	3/4	1,587.08	3/4	1,290.26	3/4	993.45	3/4	702.68	3/4	405.73	3/4	108.75	3/4	3/4	3/4		3/4	
1	1,877.54	1	1,580.89	1	1,284.08	1	987.27	1	696.51	1	399.54	1	102.59	1	1	1		1	
1/4	1,871.36	1/4	1,574.71	1/4	1,277.90	1/4	981.08	1/4	690.35	1/4	393.35	1/4	96.43	1/4	1/4	1/4		1/4	
1/2	1,865.19	1/2	1,568.53	1/2	1,271.71	1/2	974.90	1/2	684.18	1/2	387.17	1/2	90.27	1/2	1/2	1/2		1/2	
3/4	1,859.01	3/4	1,562.34	3/4	1,265.53	3/4	968.78	3/4	677.99	3/4	380.98	3/4	84.14	3/4	3/4	3/4		3/4	
2	1,852.84	2	1,556.16	2	1,259.35	2	962.66	2	671.80	2	374.79	2	78.01	2	2	2		2	
1/4	1,846.66	1/4	1,549.97	1/4	1,253.16	1/4	956.54	1/4	665.62	1/4	368.60	1/4	71.88	1/4	1/4	1/4		1/4	
1/2	1,840.49	1/2	1,543.79	1/2	1,246.98	1/2	950.42	1/2	659.43	1/2	362.41	1/2	65.76	1/2	1/2	1/2		1/2	
3/4	1,834.31	3/4	1,537.61	3/4	1,240.79	3/4	944.36	3/4	653.24	3/4	356.23	3/4	59.68	3/4	3/4	3/4		3/4	
3	1,828.14	3	1,531.42	3	1,234.61	3	938.30	3	647.06	3	350.04	3	53.61	3	3	3		3	
1/4	1,821.96	1/4	1,525.24	1/4	1,228.43	1/4	932.24	1/4	640.87	1/4	343.85	1/4	47.54	1/4	1/4	1/4		1/4	
1/2	1,815.79	1/2	1,519.06	1/2	1,222.24	1/2	926.19	1/2	634.68	1/2	337.66	1/2	41.47	1/2	1/2	1/2		1/2	
3/4	1,809.61	3/4	1,512.87	3/4	1,216.06	3/4	920.13	3/4	628.49	3/4	331.47	3/4	36.31	3/4	3/4	3/4		3/4	
4	1,803.42	4	1,506.69	4	1,209.88	4	914.07	4	622.31	4	325.29	4	31.16	4	4	4		4	
1/4	1,797.24	1/4	1,500.51	1/4	1,203.69	1/4	908.02	1/4	616.12	1/4	319.10	1/4	26.00	1/4	1/4	1/4		1/4	
1/2	1,791.06	1/2	1,494.32	1/2	1,197.51	1/2	901.96	1/2	609.93	1/2	312.91	1/2	20.84	1/2	1/2	1/2		1/2	
3/4	1,784.87	3/4	1,488.14	3/4	1,191.33	3/4	895.92	3/4	603.74	3/4	306.72	3/4	17.74	3/4	3/4	3/4		3/4	
5	1,778.69	5	1,481.95	5	1,185.14	5	889.88	5	597.55	5	300.54	5	14.64	5	5	5		5	
1/4	1,772.50	1/4	1,475.77	1/4	1,178.96	1/4	883.84	1/4	591.37	1/4	294.35	1/4	11.54	1/4	1/4	1/4		1/4	
1/2	1,766.32	1/2	1,469.59	1/2	1,172.77	1/2	877.79	1/2	585.18	1/2	288.16	1/2	8.44	1/2	1/2	1/2		1/2	
3/4	1,760.14	3/4	1,463.40	3/4	1,166.59	3/4	871.77	3/4	578.99	3/4	281.97	3/4	7.41	3/4	3/4	3/4		3/4	
6	1,753.95	6	1,457.22	6	1,160.41	6	865.75	6	572.80	6	275.78	6	6.38	6	6	6		6	
1/4	1,747.77	1/4	1,451.04	1/4	1,154.22	1/4	859.72	1/4	566.62	1/4	269.60	1/4	5.34	1/4	1/4	1/4		1/4	
1/2	1,741.59	1/2	1,444.85	1/2	1,148.04	1/2	853.70	1/2	560.43	1/2	263.41	1/2	4.31	1/2	1/2	1/2		1/2	
3/4	1,735.41	3/4	1,438.67	3/4	1,141.86	3/4	847.67	3/4	554.24	3/4	257.22	3/4		3/4	3/4	3/4		3/4	
7	1,729.22	7	1,432.49	7	1,135.67	7	841.65	7	548.05	7	251.03	7		7	7	7		7	
1/4	1,723.04	1/4	1,426.30	1/4	1,129.49	1/4	835.62	1/4	541.86	1/4	244.84	1/4		1/4	1/4	1/4		1/4	
1/2	1,716.86	1/2	1,420.12	1/2	1,123.31	1/2	829.60	1/2	535.68	1/2	238.66	1/2		1/2	1/2	1/2		1/2	
3/4	1,710.68	3/4	1,413.94	3/4	1,117.12	3/4	823.57	3/4	529.49	3/4	232.47	3/4		3/4	3/4	3/4		3/4	
8	1,704.50	8	1,407.75	8	1,110.94	8	817.55	8	523.30	8	226.28	8		8	8	8		8	
1/4	1,698.32	1/4	1,401.57	1/4	1,104.76	1/4	811.53	1/4	517.11	1/4	220.09	1/4		1/4	1/4	1/4		1/4	
1/2	1,692.14	1/2	1,395.38	1/2	1,098.57	1/2	805.50	1/2	510.92	1/2	213.90	1/2		1/2	1/2	1/2		1/2	
3/4	1,685.96	3/4	1,389.20	3/4	1,092.39	3/4	799.48	3/4	504.74	3/4	207.72	3/4		3/4	3/4	3/4		3/4	
9	1,679.78	9	1,383.02	9	1,086.20	9	793.45	9	498.55	9	201.53	9		9	9	9		9	
1/4	1,673.60	1/4	1,376.83	1/4	1,080.02	1/4	787.43	1/4	492.36	1/4	195.34	1/4		1/4	1/4	1/4		1/4	
1/2	1,667.42	1/2	1,370.65	1/2	1,073.84	1/2	781.40	1/2	486.17	1/2	189.15	1/2		1/2	1/2	1/2		1/2	
3/4	1,661.24	3/4	1,364.47	3/4	1,067.65	3/4	775.38	3/4	479.98	3/4	182.97	3/4		3/4	3/4	3/4		3/4	
10	1,655.06	10	1,358.28	10	1,061.47	10	769.35	10	473.80	10	176.78	10		10	10	10		10	
1/4	1,648.88	1/4	1,352.10	1/4	1,055.29	1/4	763.33	1/4	467.61	1/4	170.59	1/4		1/4	1/4	1/4		1/4	
1/2	1,642.70	1/2	1,345.92	1/2	1,049.10	1/2	757.30	1/2	461.42	1/2	164.40	1/2		1/2	1/2	1/2		1/2	
3/4	1,636.52	3/4	1,339.73	3/4	1,042.92	3/4	751.28	3/4	455.23	3/4	158.21	3/4		3/4	3/4	3/4		3/4	
11	1,630.34	11	1,333.55	11	1,036.74	11	745.26	11	449.04	11	152.02	11		11	11	11		11	
1/4	1,624.16	1/4	1,327.36	1/4	1,030.55	1/4	739.23	1/4	442.86	1/4	145.83	1/4		1/4	1/4	1/4		1/4	
1/2	1,617.98	1/2	1,321.18	1/2	1,024.37	1/2	733.21	1/2	436.67	1/2	139.63	1/2		1/2	1/2	1/2		1/2	
3/4	1,611.80	3/4	1,315.00	3/4	1,018.18	3/4	727.12	3/4	430.48	3/4	133.45	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 SW
CALCULATED: 02/28/2014 CL
VERIFIED: 04/09/2024

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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



BARGE "KIRBY 10107"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	3,251.83	0	2,990.60	0	2,729.37	0	2,467.73	0	2,205.10	0	1,942.47		
1/4		1/4		1/4		1/4		1/4	3,246.39	1/4	2,985.16	1/4	2,723.93	1/4	2,462.26	1/4	2,199.63	1/4	1,936.99		
1/2		1/2		1/2		1/2		1/2	3,467.04	1/2	3,240.95	1/2	2,979.71	1/2	2,718.48	1/2	2,456.79	1/2	2,194.15	1/2	1,931.52
3/4		3/4		3/4		3/4		3/4	3,466.12	3/4	3,235.50	3/4	2,974.27	3/4	2,713.04	3/4	2,451.32	3/4	2,188.68	3/4	1,926.05
1		1		1		1		1	3,230.06	1	2,968.83	1	2,707.60	1	2,445.84	1	2,183.21	1	1,920.58		
1/4		1/4		1/4		1/4		1/4	3,464.30	1/4	3,224.62	1/4	2,963.39	1/4	2,702.16	1/4	2,440.37	1/4	2,177.74	1/4	1,915.11
1/2		1/2		1/2		1/2		1/2	3,463.39	1/2	3,219.18	1/2	2,957.95	1/2	2,696.71	1/2	2,434.90	1/2	2,172.27	1/2	1,909.64
3/4		3/4		3/4		3/4		3/4	3,460.65	3/4	3,213.73	3/4	2,952.50	3/4	2,691.27	3/4	2,429.43	3/4	2,166.80	3/4	1,904.17
2		2		2		2		2	3,457.91	2	3,208.29	2	2,947.06	2	2,685.83	2	2,423.96	2	2,161.33	2	1,898.69
1/4		1/4		1/4		1/4		1/4	3,455.17	1/4	3,202.85	1/4	2,941.62	1/4	2,680.39	1/4	2,418.49	1/4	2,155.85	1/4	1,893.22
1/2		1/2		1/2		1/2		1/2	3,452.44	1/2	3,197.41	1/2	2,936.18	1/2	2,674.95	1/2	2,413.01	1/2	2,150.38	1/2	1,887.75
3/4		3/4		3/4		3/4		3/4	3,448.00	3/4	3,191.96	3/4	2,930.73	3/4	2,669.50	3/4	2,407.54	3/4	2,144.91	3/4	1,882.28
3		3		3		3		3	3,443.57	3	3,186.52	3	2,925.29	3	2,664.06	3	2,402.07	3	2,139.44	3	1,876.81
1/4		1/4		1/4		1/4		1/4	3,439.14	1/4	3,181.08	1/4	2,919.85	1/4	2,658.62	1/4	2,396.60	1/4	2,133.97	1/4	1,871.34
1/2		1/2		1/2		1/2		1/2	3,434.71	1/2	3,175.64	1/2	2,914.41	1/2	2,653.18	1/2	2,391.13	1/2	2,128.50	1/2	1,865.86
3/4		3/4		3/4		3/4		3/4	3,429.40	3/4	3,170.20	3/4	2,908.96	3/4	2,647.73	3/4	2,385.66	3/4	2,123.03	3/4	1,860.39
4		4		4		4		4	3,424.10	4	3,164.75	4	2,903.52	4	2,642.29	4	2,380.19	4	2,117.55	4	1,854.92
1/4		1/4		1/4		1/4		1/4	3,418.80	1/4	3,159.31	1/4	2,898.08	1/4	2,636.85	1/4	2,374.71	1/4	2,112.08	1/4	1,849.45
1/2		1/2		1/2		1/2		1/2	3,413.49	1/2	3,153.87	1/2	2,892.64	1/2	2,631.41	1/2	2,369.24	1/2	2,106.61	1/2	1,843.98
3/4		3/4		3/4		3/4		3/4	3,408.16	3/4	3,148.43	3/4	2,887.20	3/4	2,625.97	3/4	2,363.77	3/4	2,101.14	3/4	1,838.51
5		5		5		5		5	3,402.82	5	3,142.98	5	2,881.75	5	2,620.52	5	2,358.30	5	2,095.67	5	1,833.04
1/4		1/4		1/4		1/4		1/4	3,397.49	1/4	3,137.54	1/4	2,876.31	1/4	2,615.08	1/4	2,352.83	1/4	2,090.20	1/4	1,827.56
1/2		1/2		1/2		1/2		1/2	3,392.15	1/2	3,132.10	1/2	2,870.87	1/2	2,609.64	1/2	2,347.36	1/2	2,084.72	1/2	1,822.09
3/4		3/4		3/4		3/4		3/4	3,386.81	3/4	3,126.66	3/4	2,865.43	3/4	2,604.20	3/4	2,341.89	3/4	2,079.25	3/4	1,816.62
6		6		6		6		6	3,381.46	6	3,121.21	6	2,859.98	6	2,598.75	6	2,336.41	6	2,073.78	6	1,811.15
1/4		1/4		1/4		1/4		1/4	3,376.12	1/4	3,115.77	1/4	2,854.54	1/4	2,593.31	1/4	2,330.94	1/4	2,068.31	1/4	1,805.68
1/2		1/2		1/2		1/2		1/2	3,370.77	1/2	3,110.33	1/2	2,849.10	1/2	2,587.87	1/2	2,325.47	1/2	2,062.84	1/2	1,800.21
3/4		3/4		3/4		3/4		3/4	3,365.43	3/4	3,104.89	3/4	2,843.66	3/4	2,582.43	3/4	2,320.00	3/4	2,057.37	3/4	1,794.74
7		7		7		7		7	3,360.08	7	3,099.45	7	2,838.21	7	2,576.98	7	2,314.53	7	2,051.90	7	1,789.26
1/4		1/4		1/4		1/4		1/4	3,354.74	1/4	3,094.00	1/4	2,832.77	1/4	2,571.54	1/4	2,309.06	1/4	2,046.42	1/4	1,783.79
1/2		1/2		1/2		1/2		1/2	3,349.40	1/2	3,088.56	1/2	2,827.33	1/2	2,566.10	1/2	2,303.58	1/2	2,040.95	1/2	1,778.32
3/4		3/4		3/4		3/4		3/4	3,344.05	3/4	3,083.12	3/4	2,821.89	3/4	2,560.66	3/4	2,298.11	3/4	2,035.48	3/4	1,772.85
8		8		8		8		8	3,338.71	8	3,077.68	8	2,816.45	8	2,555.22	8	2,292.64	8	2,030.01	8	1,767.38
1/4		1/4		1/4		1/4		1/4	3,333.37	1/4	3,072.23	1/4	2,811.00	1/4	2,549.77	1/4	2,287.17	1/4	2,024.54	1/4	1,761.91
1/2		1/2		1/2		1/2		1/2	3,328.02	1/2	3,066.79	1/2	2,805.56	1/2	2,544.33	1/2	2,281.70	1/2	2,019.07	1/2	1,756.43
3/4		3/4		3/4		3/4		3/4	3,322.58	3/4	3,061.35	3/4	2,800.12	3/4	2,538.86	3/4	2,276.23	3/4	2,013.60	3/4	1,750.96
9		9		9		9		9	3,317.14	9	3,055.91	9	2,794.68	9	2,533.39	9	2,270.76	9	2,008.12	9	1,745.49
1/4		1/4		1/4		1/4		1/4	3,311.69	1/4	3,050.46	1/4	2,789.23	1/4	2,527.92	1/4	2,265.28	1/4	2,002.65	1/4	1,740.02
1/2		1/2		1/2		1/2		1/2	3,306.25	1/2	3,045.02	1/2	2,783.79	1/2	2,522.44	1/2	2,259.81	1/2	1,997.18	1/2	1,734.55
3/4		3/4		3/4		3/4		3/4	3,300.81	3/4	3,039.58	3/4	2,778.35	3/4	2,516.97	3/4	2,254.34	3/4	1,991.71	3/4	1,729.08
10		10		10		10		10	3,295.37	10	3,034.14	10	2,772.91	10	2,511.50	10	2,248.87	10	1,986.24	10	1,723.61
1/4		1/4		1/4		1/4		1/4	3,289.93	1/4	3,028.70	1/4	2,767.46	1/4	2,506.03	1/4	2,243.40	1/4	1,980.77	1/4	1,718.13
1/2		1/2		1/2		1/2		1/2	3,284.48	1/2	3,023.25	1/2	2,762.02	1/2	2,500.56	1/2	2,237.93	1/2	1,975.29	1/2	1,712.66
3/4		3/4		3/4		3/4		3/4	3,279.04	3/4	3,017.81	3/4	2,756.58	3/4	2,495.09	3/4	2,232.46	3/4	1,969.82	3/4	1,707.19
11		11		11		11		11	3,273.60	11	3,012.37	11	2,751.14	11	2,489.62	11	2,226.98	11	1,964.35	11	1,701.72
1/4		1/4		1/4		1/4		1/4	3,268.16	1/4	3,006.93	1/4	2,745.70	1/4	2,484.14	1/4	2,221.51	1/4	1,958.88	1/4	1,696.25
1/2		1/2		1/2		1/2		1/2	3,262.71	1/2	3,001.48	1/2	2,740.25	1/2	2,478.67	1/2	2,216.04	1/2	1,953.41	1/2	1,690.78
3/4		3/4		3/4		3/4		3/4	3,257.27	3/4	2,996.04	3/4	2,734.81	3/4	2,473.20	3/4	2,210.57	3/4	1,947.94	3/4	1,685.31

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10107"

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	1,679.83	0	1,417.20	0	1,154.41	0	893.31	0	634.67	0	371.98	0	109.26	0		0		0	
1/4	1,674.36	1/4	1,411.73	1/4	1,148.94	1/4	887.92	1/4	629.23	1/4	366.50	1/4	103.80	1/4	1/4	1/4		1/4	1/4
1/2	1,668.89	1/2	1,406.26	1/2	1,143.46	1/2	882.53	1/2	623.80	1/2	361.03	1/2	98.34	1/2	1/2	1/2		1/2	1/2
3/4	1,663.42	3/4	1,400.78	3/4	1,137.99	3/4	877.14	3/4	618.33	3/4	355.55	3/4	92.90	3/4	3/4	3/4		3/4	3/4
1	1,657.95	1	1,395.31	1	1,132.51	1	871.75	1	612.85	1	350.08	1	87.46	1	1	1		1	1
1/4	1,652.48	1/4	1,389.83	1/4	1,127.04	1/4	866.36	1/4	607.38	1/4	344.60	1/4	82.02	1/4	1/4	1/4		1/4	1/4
1/2	1,647.00	1/2	1,384.36	1/2	1,121.56	1/2	860.97	1/2	601.90	1/2	339.13	1/2	76.58	1/2	1/2	1/2		1/2	1/2
3/4	1,641.53	3/4	1,378.88	3/4	1,116.09	3/4	855.58	3/4	596.43	3/4	333.65	3/4	71.17	3/4	3/4	3/4		3/4	3/4
2	1,636.06	2	1,373.41	2	1,110.61	2	850.19	2	590.96	2	328.18	2	65.76	2	2	2		2	2
1/4	1,630.59	1/4	1,367.93	1/4	1,105.14	1/4	844.80	1/4	585.48	1/4	322.71	1/4	60.35	1/4	1/4	1/4		1/4	1/4
1/2	1,625.12	1/2	1,362.46	1/2	1,099.66	1/2	839.41	1/2	580.01	1/2	317.23	1/2	54.94	1/2	1/2	1/2		1/2	1/2
3/4	1,619.65	3/4	1,356.98	3/4	1,094.19	3/4	834.02	3/4	574.53	3/4	311.76	3/4	49.57	3/4	3/4	3/4		3/4	3/4
3	1,614.18	3	1,351.51	3	1,088.71	3	828.63	3	569.06	3	306.28	3	44.21	3	3	3		3	3
1/4	1,608.70	1/4	1,346.03	1/4	1,083.24	1/4	823.24	1/4	563.58	1/4	300.81	1/4	38.85	1/4	1/4	1/4		1/4	1/4
1/2	1,603.23	1/2	1,340.56	1/2	1,077.76	1/2	817.84	1/2	558.11	1/2	295.33	1/2	33.49	1/2	1/2	1/2		1/2	1/2
3/4	1,597.76	3/4	1,335.08	3/4	1,072.29	3/4	812.46	3/4	552.63	3/4	289.86	3/4	28.94	3/4	3/4	3/4		3/4	3/4
4	1,592.29	4	1,329.61	4	1,066.81	4	807.07	4	547.16	4	284.38	4	24.38	4	4	4		4	4
1/4	1,586.82	1/4	1,324.14	1/4	1,061.34	1/4	801.69	1/4	541.69	1/4	278.91	1/4	19.83	1/4	1/4	1/4		1/4	1/4
1/2	1,581.35	1/2	1,318.66	1/2	1,055.86	1/2	796.30	1/2	536.21	1/2	273.43	1/2	15.27	1/2	1/2	1/2		1/2	1/2
3/4	1,575.88	3/4	1,313.19	3/4	1,050.39	3/4	790.92	3/4	530.74	3/4	267.96	3/4	12.54	3/4	3/4	3/4		3/4	3/4
5	1,570.40	5	1,307.71	5	1,044.92	5	785.53	5	525.26	5	262.49	5	9.80	5	5	5		5	5
1/4	1,564.93	1/4	1,302.24	1/4	1,039.44	1/4	780.15	1/4	519.79	1/4	257.01	1/4	7.06	1/4	1/4	1/4		1/4	1/4
1/2	1,559.46	1/2	1,296.76	1/2	1,033.97	1/2	774.76	1/2	514.31	1/2	251.54	1/2	4.33	1/2	1/2	1/2		1/2	1/2
3/4	1,553.99	3/4	1,291.29	3/4	1,028.49	3/4	769.38	3/4	508.84	3/4	246.06	3/4	3.41	3/4	3/4	3/4		3/4	3/4
6	1,548.52	6	1,285.81	6	1,023.02	6	763.99	6	503.36	6	240.59	6	2.50	6	6	6		6	6
1/4	1,543.05	1/4	1,280.34	1/4	1,017.54	1/4	758.61	1/4	497.89	1/4	235.11	1/4	1.59	1/4	1/4	1/4		1/4	1/4
1/2	1,537.57	1/2	1,274.86	1/2	1,012.07	1/2	753.22	1/2	492.41	1/2	229.64	1/2	0.68	1/2	1/2	1/2		1/2	1/2
3/4	1,532.10	3/4	1,269.39	3/4	1,006.63	3/4	747.84	3/4	486.94	3/4	224.16	3/4		3/4	3/4	3/4		3/4	3/4
7	1,526.63	7	1,263.91	7	1,001.20	7	742.45	7	481.47	7	218.69	7		7	7	7		7	7
1/4	1,521.16	1/4	1,258.44	1/4	995.77	1/4	737.07	1/4	475.99	1/4	213.22	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,515.69	1/2	1,252.96	1/2	990.33	1/2	731.68	1/2	470.52	1/2	207.74	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,510.22	3/4	1,247.49	3/4	984.94	3/4	726.30	3/4	465.04	3/4	202.27	3/4		3/4	3/4	3/4		3/4	3/4
8	1,504.75	8	1,242.01	8	979.55	8	720.91	8	459.57	8	196.79	8		8	8	8		8	8
1/4	1,499.27	1/4	1,236.54	1/4	974.16	1/4	715.53	1/4	454.09	1/4	191.32	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,493.80	1/2	1,231.06	1/2	968.77	1/2	710.14	1/2	448.62	1/2	185.84	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,488.33	3/4	1,225.59	3/4	963.38	3/4	704.76	3/4	443.14	3/4	180.37	3/4		3/4	3/4	3/4		3/4	3/4
9	1,482.86	9	1,220.11	9	957.99	9	699.37	9	437.67	9	174.89	9		9	9	9		9	9
1/4	1,477.39	1/4	1,214.64	1/4	952.60	1/4	693.99	1/4	432.20	1/4	169.42	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,471.92	1/2	1,209.16	1/2	947.21	1/2	688.60	1/2	426.72	1/2	163.94	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,466.45	3/4	1,203.69	3/4	941.82	3/4	683.22	3/4	421.25	3/4	158.47	3/4		3/4	3/4	3/4		3/4	3/4
10	1,460.97	10	1,198.21	10	936.43	10	677.83	10	415.77	10	153.00	10		10	10	10		10	10
1/4	1,455.50	1/4	1,192.74	1/4	931.04	1/4	672.45	1/4	410.30	1/4	147.52	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,450.03	1/2	1,187.26	1/2	925.65	1/2	667.06	1/2	404.82	1/2	142.05	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,444.56	3/4	1,181.79	3/4	920.26	3/4	661.68	3/4	399.35	3/4	136.58	3/4		3/4	3/4	3/4		3/4	3/4
11	1,439.09	11	1,176.31	11	914.87	11	656.30	11	393.87	11	131.11	11		11	11	11		11	11
1/4	1,433.62	1/4	1,170.84	1/4	909.48	1/4	650.91	1/4	388.40	1/4	125.64	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,428.14	1/2	1,165.36	1/2	904.09	1/2	645.53	1/2	382.92	1/2	120.17	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,422.67	3/4	1,159.89	3/4	898.70	3/4	640.10	3/4	377.45	3/4	114.72	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 SW
CALCULATED: 02/28/2014 CL
VERIFIED: 04/09/2024

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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



BARGE "KIRBY 10107"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	3,450.78	0	3,226.04	0	2,966.36	0	2,706.68	0	2,446.53	0	2,185.45	0	1,924.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,449.87	1/4	3,220.63	1/4	2,960.95	1/4	2,701.27	1/4	2,441.09	1/4	2,180.02	1/4	1,918.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,448.96	1/2	3,215.22	1/2	2,955.54	1/2	2,695.86	1/2	2,435.65	1/2	2,174.58	1/2	1,913.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,448.06	3/4	3,209.81	3/4	2,950.13	3/4	2,690.45	3/4	2,430.21	3/4	2,169.14	3/4	1,908.06
1		1		1		1	3,447.15	1	3,204.40	1	2,944.72	1	2,685.04	1	2,424.77	1	2,163.70	1	1,902.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,444.43	1/4	3,198.99	1/4	2,939.31	1/4	2,679.63	1/4	2,419.34	1/4	2,158.26	1/4	1,897.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,441.71	1/2	3,193.58	1/2	2,933.90	1/2	2,674.22	1/2	2,413.90	1/2	2,152.82	1/2	1,891.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,438.99	3/4	3,188.17	3/4	2,928.49	3/4	2,668.81	3/4	2,408.46	3/4	2,147.38	3/4	1,886.30
2		2		2		2	3,436.26	2	3,182.76	2	2,923.08	2	2,663.40	2	2,403.02	2	2,141.94	2	1,880.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,431.86	1/4	3,177.35	1/4	2,917.67	1/4	2,657.99	1/4	2,397.58	1/4	2,136.50	1/4	1,875.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,427.45	1/2	3,171.94	1/2	2,912.26	1/2	2,652.58	1/2	2,392.14	1/2	2,131.06	1/2	1,869.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,423.05	3/4	3,166.53	3/4	2,906.85	3/4	2,647.17	3/4	2,386.70	3/4	2,125.62	3/4	1,864.55
3		3		3		3	3,418.64	3	3,161.12	3	2,901.44	3	2,641.76	3	2,381.26	3	2,120.19	3	1,859.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,413.37	1/4	3,155.71	1/4	2,896.03	1/4	2,636.35	1/4	2,375.82	1/4	2,114.75	1/4	1,853.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,408.10	1/2	3,150.30	1/2	2,890.62	1/2	2,630.94	1/2	2,370.38	1/2	2,109.31	1/2	1,848.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,402.83	3/4	3,144.89	3/4	2,885.21	3/4	2,625.53	3/4	2,364.94	3/4	2,103.87	3/4	1,842.79
4		4		4		4	3,397.56	4	3,139.48	4	2,879.80	4	2,620.12	4	2,359.51	4	2,098.43	4	1,837.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,392.25	1/4	3,134.07	1/4	2,874.39	1/4	2,614.71	1/4	2,354.07	1/4	2,092.99	1/4	1,831.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,386.95	1/2	3,128.66	1/2	2,868.98	1/2	2,609.30	1/2	2,348.63	1/2	2,087.55	1/2	1,826.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,381.65	3/4	3,123.25	3/4	2,863.57	3/4	2,603.89	3/4	2,343.19	3/4	2,082.11	3/4	1,821.03
5		5		5		5	3,376.35	5	3,117.84	5	2,858.16	5	2,598.48	5	2,337.75	5	2,076.67	5	1,815.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,371.03	1/4	3,112.43	1/4	2,852.75	1/4	2,593.07	1/4	2,332.31	1/4	2,071.23	1/4	1,810.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,365.71	1/2	3,107.02	1/2	2,847.34	1/2	2,587.66	1/2	2,326.87	1/2	2,065.79	1/2	1,804.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,360.40	3/4	3,101.61	3/4	2,841.93	3/4	2,582.25	3/4	2,321.43	3/4	2,060.36	3/4	1,799.28
6		6		6		6	3,355.08	6	3,096.20	6	2,836.52	6	2,576.84	6	2,315.99	6	2,054.92	6	1,793.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,349.77	1/4	3,090.79	1/4	2,831.11	1/4	2,571.43	1/4	2,310.55	1/4	2,049.48	1/4	1,788.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,344.46	1/2	3,085.38	1/2	2,825.70	1/2	2,566.02	1/2	2,305.11	1/2	2,044.04	1/2	1,782.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,339.15	3/4	3,079.97	3/4	2,820.29	3/4	2,560.61	3/4	2,299.68	3/4	2,038.60	3/4	1,777.52
7		7		7		7	3,333.84	7	3,074.56	7	2,814.88	7	2,555.20	7	2,294.24	7	2,033.16	7	1,772.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,328.53	1/4	3,069.15	1/4	2,809.47	1/4	2,549.79	1/4	2,288.80	1/4	2,027.72	1/4	1,766.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,323.22	1/2	3,063.74	1/2	2,804.06	1/2	2,544.38	1/2	2,283.36	1/2	2,022.28	1/2	1,761.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,317.91	3/4	3,058.33	3/4	2,798.65	3/4	2,538.97	3/4	2,277.92	3/4	2,016.84	3/4	1,755.77
8		8		8		8	3,312.60	8	3,052.92	8	2,793.24	8	2,533.56	8	2,272.48	8	2,011.40	8	1,750.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,307.19	1/4	3,047.51	1/4	2,787.83	1/4	2,528.12	1/4	2,267.04	1/4	2,005.96	1/4	1,744.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,301.78	1/2	3,042.10	1/2	2,782.42	1/2	2,522.68	1/2	2,261.60	1/2	2,000.53	1/2	1,739.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,296.37	3/4	3,036.69	3/4	2,777.01	3/4	2,517.24	3/4	2,256.16	3/4	1,995.09	3/4	1,734.01
9		9		9		9	3,290.96	9	3,031.28	9	2,771.60	9	2,511.80	9	2,250.72	9	1,989.65	9	1,728.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,285.55	1/4	3,025.87	1/4	2,766.19	1/4	2,506.36	1/4	2,245.28	1/4	1,984.21	1/4	1,723.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,280.14	1/2	3,020.46	1/2	2,760.78	1/2	2,500.92	1/2	2,239.85	1/2	1,978.77	1/2	1,717.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,274.73	3/4	3,015.05	3/4	2,755.37	3/4	2,495.48	3/4	2,234.41	3/4	1,973.33	3/4	1,712.25
10		10		10		10	3,269.32	10	3,009.64	10	2,749.96	10	2,490.04	10	2,228.97	10	1,967.89	10	1,706.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,263.91	1/4	3,004.23	1/4	2,744.55	1/4	2,484.61	1/4	2,223.53	1/4	1,962.45	1/4	1,701.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,258.50	1/2	2,998.82	1/2	2,739.14	1/2	2,479.17	1/2	2,218.09	1/2	1,957.01	1/2	1,695.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,253.09	3/4	2,993.41	3/4	2,733.73	3/4	2,473.73	3/4	2,212.65	3/4	1,951.57	3/4	1,690.50
11		11		11		11	3,247.68	11	2,988.00	11	2,728.32	11	2,468.29	11	2,207.21	11	1,946.13	11	1,685.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,242.27	1/4	2,982.59	1/4	2,722.91	1/4	2,462.85	1/4	2,201.77	1/4	1,940.70	1/4	1,679.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,236.86	1/2	2,977.18	1/2	2,717.50	1/2	2,457.41	1/2	2,196.33	1/2	1,935.26	1/2	1,674.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,231.45	3/4	2,971.77	3/4	2,712.09	3/4	2,451.97	3/4	2,190.89	3/4	1,929.82	3/4	1,668.74

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10107"

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	1,663.30	0	1,402.22	0	1,140.98	0	880.61	0	620.12	0	358.90	0	97.76	0		0		0	
1/4	1,657.86	1/4	1,396.78	1/4	1,135.54	1/4	875.20	1/4	614.68	1/4	353.46	1/4	92.36	1/4	1/4	1/4		1/4	1/4
1/2	1,652.42	1/2	1,391.34	1/2	1,130.09	1/2	869.79	1/2	609.24	1/2	348.02	1/2	86.95	1/2	1/2	1/2		1/2	1/2
3/4	1,646.98	3/4	1,385.90	3/4	1,124.65	3/4	864.39	3/4	603.80	3/4	342.57	3/4	81.54	3/4	3/4	3/4		3/4	3/4
1	1,641.54	1	1,380.45	1	1,119.21	1	858.98	1	598.36	1	337.13	1	76.13	1	1	1		1	1
1/4	1,636.11	1/4	1,375.01	1/4	1,113.77	1/4	853.57	1/4	592.91	1/4	331.69	1/4	70.75	1/4	1/4	1/4		1/4	1/4
1/2	1,630.67	1/2	1,369.57	1/2	1,108.32	1/2	848.17	1/2	587.47	1/2	326.25	1/2	65.38	1/2	1/2	1/2		1/2	1/2
3/4	1,625.23	3/4	1,364.13	3/4	1,102.88	3/4	842.76	3/4	582.03	3/4	320.80	3/4	60.00	3/4	3/4	3/4		3/4	3/4
2	1,619.79	2	1,358.68	2	1,097.44	2	837.36	2	576.59	2	315.36	2	54.62	2	2	2		2	2
1/4	1,614.35	1/4	1,353.24	1/4	1,092.00	1/4	831.95	1/4	571.15	1/4	309.92	1/4	49.29	1/4	1/4	1/4		1/4	1/4
1/2	1,608.91	1/2	1,347.80	1/2	1,086.55	1/2	826.54	1/2	565.70	1/2	304.48	1/2	43.96	1/2	1/2	1/2		1/2	1/2
3/4	1,603.47	3/4	1,342.36	3/4	1,081.11	3/4	821.14	3/4	560.26	3/4	299.04	3/4	38.63	3/4	3/4	3/4		3/4	3/4
3	1,598.03	3	1,336.91	3	1,075.67	3	815.73	3	554.82	3	293.59	3	33.30	3	3	3		3	3
1/4	1,592.59	1/4	1,331.47	1/4	1,070.23	1/4	810.33	1/4	549.38	1/4	288.15	1/4	28.77	1/4	1/4	1/4		1/4	1/4
1/2	1,587.15	1/2	1,326.03	1/2	1,064.78	1/2	804.93	1/2	543.93	1/2	282.71	1/2	24.24	1/2	1/2	1/2		1/2	1/2
3/4	1,581.71	3/4	1,320.59	3/4	1,059.34	3/4	799.53	3/4	538.49	3/4	277.27	3/4	19.72	3/4	3/4	3/4		3/4	3/4
4	1,576.28	4	1,315.14	4	1,053.90	4	794.13	4	533.05	4	271.82	4	15.19	4	4	4		4	4
1/4	1,570.84	1/4	1,309.70	1/4	1,048.46	1/4	788.69	1/4	527.61	1/4	266.38	1/4	12.47	1/4	1/4	1/4		1/4	1/4
1/2	1,565.40	1/2	1,304.26	1/2	1,043.01	1/2	783.25	1/2	522.17	1/2	260.94	1/2	9.75	1/2	1/2	1/2		1/2	1/2
3/4	1,559.96	3/4	1,298.81	3/4	1,037.57	3/4	777.81	3/4	516.72	3/4	255.50	3/4	7.03	3/4	3/4	3/4		3/4	3/4
5	1,554.52	5	1,293.37	5	1,032.13	5	772.38	5	511.28	5	250.06	5	4.30	5	5	5		5	5
1/4	1,549.08	1/4	1,287.93	1/4	1,026.68	1/4	766.94	1/4	505.84	1/4	244.61	1/4	3.40	1/4	1/4	1/4		1/4	1/4
1/2	1,543.64	1/2	1,282.49	1/2	1,021.24	1/2	761.50	1/2	500.40	1/2	239.17	1/2	2.49	1/2	1/2	1/2		1/2	1/2
3/4	1,538.20	3/4	1,277.04	3/4	1,015.80	3/4	756.06	3/4	494.96	3/4	233.73	3/4	1.58	3/4	3/4	3/4		3/4	3/4
6	1,532.76	6	1,271.60	6	1,010.36	6	750.63	6	489.51	6	228.29	6	0.68	6	6	6		6	6
1/4	1,527.32	1/4	1,266.16	1/4	1,004.95	1/4	745.19	1/4	484.07	1/4	222.85	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,521.88	1/2	1,260.72	1/2	999.54	1/2	739.75	1/2	478.63	1/2	217.40	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,516.45	3/4	1,255.27	3/4	994.14	3/4	734.32	3/4	473.19	3/4	211.96	3/4		3/4	3/4	3/4		3/4	3/4
7	1,511.01	7	1,249.83	7	988.73	7	728.88	7	467.74	7	206.52	7		7	7	7		7	7
1/4	1,505.57	1/4	1,244.39	1/4	983.33	1/4	723.44	1/4	462.30	1/4	201.08	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,500.13	1/2	1,238.95	1/2	977.92	1/2	718.00	1/2	456.86	1/2	195.63	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,494.69	3/4	1,233.50	3/4	972.51	3/4	712.57	3/4	451.42	3/4	190.19	3/4		3/4	3/4	3/4		3/4	3/4
8	1,489.25	8	1,228.06	8	967.11	8	707.13	8	445.98	8	184.75	8		8	8	8		8	8
1/4	1,483.81	1/4	1,222.62	1/4	961.70	1/4	701.69	1/4	440.53	1/4	179.31	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,478.37	1/2	1,217.18	1/2	956.29	1/2	696.26	1/2	435.09	1/2	173.87	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,472.93	3/4	1,211.73	3/4	950.89	3/4	690.82	3/4	429.65	3/4	168.42	3/4		3/4	3/4	3/4		3/4	3/4
9	1,467.49	9	1,206.29	9	945.48	9	685.38	9	424.21	9	162.98	9		9	9	9		9	9
1/4	1,462.05	1/4	1,200.85	1/4	940.08	1/4	679.94	1/4	418.76	1/4	157.54	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,456.62	1/2	1,195.41	1/2	934.67	1/2	674.51	1/2	413.32	1/2	152.10	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,451.18	3/4	1,189.96	3/4	929.26	3/4	669.07	3/4	407.88	3/4	146.66	3/4		3/4	3/4	3/4		3/4	3/4
10	1,445.74	10	1,184.52	10	923.86	10	663.63	10	402.44	10	141.21	10		10	10	10		10	10
1/4	1,440.30	1/4	1,179.08	1/4	918.45	1/4	658.20	1/4	397.00	1/4	135.78	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,434.86	1/2	1,173.63	1/2	913.04	1/2	652.76	1/2	391.55	1/2	130.34	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,429.42	3/4	1,168.19	3/4	907.64	3/4	647.32	3/4	386.11	3/4	124.90	3/4		3/4	3/4	3/4		3/4	3/4
11	1,423.98	11	1,162.75	11	902.23	11	641.89	11	380.67	11	119.47	11		11	11	11		11	11
1/4	1,418.54	1/4	1,157.31	1/4	896.82	1/4	636.45	1/4	375.23	1/4	114.04	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,413.10	1/2	1,151.86	1/2	891.42	1/2	631.01	1/2	369.78	1/2	108.62	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,407.66	3/4	1,146.42	3/4	886.01	3/4	625.56	3/4	364.34	3/4	103.19	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 SW
CALCULATED: 02/28/2014 CL
VERIFIED: 04/09/2024

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

PRECISION MEASUREMENT
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