



BARGE "KIRBY 30006"

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 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
1 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
2 PORT	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 STBD	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
3 PORT	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
3 STBD	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

(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 2 PORT IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 234'-00"

February 8, 2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
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BARGE "KIRBY 30006"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	5,337.10	0	4,957.16	0	4,577.21	0	4,197.27	0	3,817.32	0	3,437.38	0	3,057.44
1/4		1/4		1/4		1/4	5,329.19	1/4	4,949.24	1/4	4,569.30	1/4	4,189.36	1/4	3,809.41	1/4	3,429.47	1/4	3,049.52
1/2		1/2		1/2		1/2	5,321.27	1/2	4,941.32	1/2	4,561.38	1/2	4,181.44	1/2	3,801.49	1/2	3,421.55	1/2	3,041.60
3/4		3/4		3/4		3/4	5,313.36	3/4	4,933.41	3/4	4,553.47	3/4	4,173.52	3/4	3,793.58	3/4	3,413.64	3/4	3,033.69
1		1		1		1	5,305.44	1	4,925.49	1	4,545.55	1	4,165.61	1	3,785.66	1	3,405.72	1	3,025.77
1/4		1/4		1/4		1/4	5,297.53	1/4	4,917.58	1/4	4,537.64	1/4	4,157.69	1/4	3,777.75	1/4	3,397.81	1/4	3,017.86
1/2		1/2		1/2		1/2	5,289.61	1/2	4,909.66	1/2	4,529.72	1/2	4,149.77	1/2	3,769.83	1/2	3,389.89	1/2	3,009.94
3/4		3/4		3/4		3/4	5,281.69	3/4	4,901.75	3/4	4,521.81	3/4	4,141.86	3/4	3,761.92	3/4	3,381.97	3/4	3,002.03
2		2		2		2	5,273.78	2	4,893.83	2	4,513.89	2	4,133.94	2	3,754.00	2	3,374.06	2	2,994.11
1/4		1/4		1/4		1/4	5,265.86	1/4	4,885.92	1/4	4,505.98	1/4	4,126.03	1/4	3,746.09	1/4	3,366.14	1/4	2,986.20
1/2		1/2		1/2		1/2	5,257.94	1/2	4,878.00	1/2	4,498.06	1/2	4,118.11	1/2	3,738.17	1/2	3,358.22	1/2	2,978.28
3/4		3/4		3/4		3/4	5,250.03	3/4	4,870.09	3/4	4,490.14	3/4	4,110.20	3/4	3,730.26	3/4	3,350.31	3/4	2,970.37
3		3		3		3	5,242.11	3	4,862.17	3	4,482.23	3	4,102.28	3	3,722.34	3	3,342.39	3	2,962.45
1/4		1/4		1/4		1/4	5,234.20	1/4	4,854.26	1/4	4,474.31	1/4	4,094.37	1/4	3,714.43	1/4	3,334.48	1/4	2,954.54
1/2		1/2		1/2		1/2	5,226.28	1/2	4,846.34	1/2	4,466.39	1/2	4,086.45	1/2	3,706.51	1/2	3,326.56	1/2	2,946.62
3/4		3/4		3/4		3/4	5,218.37	3/4	4,838.43	3/4	4,458.48	3/4	4,078.54	3/4	3,698.59	3/4	3,318.65	3/4	2,938.71
4		4		4		4	5,210.45	4	4,830.51	4	4,450.56	4	4,070.62	4	3,690.68	4	3,310.73	4	2,930.79
1/4		1/4		1/4		1/4	5,202.54	1/4	4,822.60	1/4	4,442.65	1/4	4,062.71	1/4	3,682.76	1/4	3,302.82	1/4	2,922.88
1/2		1/2		1/2		1/2	5,194.62	1/2	4,814.68	1/2	4,434.73	1/2	4,054.79	1/2	3,674.84	1/2	3,294.90	1/2	2,914.96
3/4		3/4		3/4		3/4	5,186.71	3/4	4,806.76	3/4	4,426.82	3/4	4,046.88	3/4	3,666.93	3/4	3,286.99	3/4	2,907.04
5		5		5		5	5,178.79	5	4,798.85	5	4,418.90	5	4,038.96	5	3,659.01	5	3,279.07	5	2,899.13
1/4		1/4		1/4		1/4	5,170.88	1/4	4,790.93	1/4	4,410.99	1/4	4,031.05	1/4	3,651.10	1/4	3,271.16	1/4	2,891.21
1/2		1/2		1/2		1/2	5,162.96	1/2	4,783.01	1/2	4,403.07	1/2	4,023.13	1/2	3,643.18	1/2	3,263.24	1/2	2,883.29
3/4		3/4		3/4		3/4	5,155.05	3/4	4,775.10	3/4	4,395.16	3/4	4,015.21	3/4	3,635.27	3/4	3,255.33	3/4	2,875.38
6		6		6	5,506.94	6	5,147.13	6	4,767.18	6	4,387.24	6	4,007.30	6	3,627.35	6	3,247.41	6	2,867.46
1/4		1/4		1/4	5,504.70	1/4	5,139.22	1/4	4,759.27	1/4	4,379.33	1/4	3,999.38	1/4	3,619.44	1/4	3,239.50	1/4	2,859.55
1/2		1/2		1/2	5,500.23	1/2	5,131.30	1/2	4,751.35	1/2	4,371.41	1/2	3,991.46	1/2	3,611.52	1/2	3,231.58	1/2	2,851.63
3/4		3/4		3/4	5,494.38	3/4	5,123.38	3/4	4,743.44	3/4	4,363.50	3/4	3,983.55	3/4	3,603.61	3/4	3,223.66	3/4	2,843.72
7		7		7	5,488.53	7	5,115.47	7	4,735.52	7	4,355.58	7	3,975.63	7	3,595.69	7	3,215.75	7	2,835.80
1/4		1/4		1/4	5,482.67	1/4	5,107.55	1/4	4,727.61	1/4	4,347.67	1/4	3,967.72	1/4	3,587.78	1/4	3,207.83	1/4	2,827.89
1/2		1/2		1/2	5,476.82	1/2	5,099.63	1/2	4,719.69	1/2	4,339.75	1/2	3,959.80	1/2	3,579.86	1/2	3,199.91	1/2	2,819.97
3/4		3/4		3/4	5,469.60	3/4	5,091.72	3/4	4,711.78	3/4	4,331.83	3/4	3,951.89	3/4	3,571.95	3/4	3,192.00	3/4	2,812.06
8		8		8	5,462.37	8	5,083.80	8	4,703.86	8	4,323.92	8	3,943.97	8	3,564.03	8	3,184.08	8	2,804.14
1/4		1/4		1/4	5,455.15	1/4	5,075.89	1/4	4,695.95	1/4	4,316.00	1/4	3,936.06	1/4	3,556.12	1/4	3,176.17	1/4	2,796.23
1/2		1/2		1/2	5,447.92	1/2	5,067.97	1/2	4,688.03	1/2	4,308.08	1/2	3,928.14	1/2	3,548.20	1/2	3,168.25	1/2	2,788.31
3/4		3/4		3/4	5,440.00	3/4	5,060.06	3/4	4,680.12	3/4	4,300.17	3/4	3,920.23	3/4	3,540.28	3/4	3,160.34	3/4	2,780.40
9		9		9	5,432.09	9	5,052.14	9	4,672.20	9	4,292.25	9	3,912.31	9	3,532.37	9	3,152.42	9	2,772.48
1/4		1/4		1/4	5,424.17	1/4	5,044.23	1/4	4,664.29	1/4	4,284.34	1/4	3,904.40	1/4	3,524.45	1/4	3,144.51	1/4	2,764.57
1/2		1/2		1/2	5,416.25	1/2	5,036.31	1/2	4,656.37	1/2	4,276.42	1/2	3,896.48	1/2	3,516.53	1/2	3,136.59	1/2	2,756.65
3/4		3/4		3/4	5,408.34	3/4	5,028.40	3/4	4,648.45	3/4	4,268.51	3/4	3,888.57	3/4	3,508.62	3/4	3,128.68	3/4	2,748.73
10		10		10	5,400.42	10	5,020.48	10	4,640.54	10	4,260.59	10	3,880.65	10	3,500.70	10	3,120.76	10	2,740.82
1/4		1/4		1/4	5,392.51	1/4	5,012.57	1/4	4,632.62	1/4	4,252.68	1/4	3,872.74	1/4	3,492.79	1/4	3,112.85	1/4	2,732.90
1/2		1/2		1/2	5,384.59	1/2	5,004.65	1/2	4,624.70	1/2	4,244.76	1/2	3,864.82	1/2	3,484.87	1/2	3,104.93	1/2	2,724.98
3/4		3/4		3/4	5,376.68	3/4	4,996.74	3/4	4,616.79	3/4	4,236.85	3/4	3,856.90	3/4	3,476.96	3/4	3,097.02	3/4	2,717.07
11		11		11	5,368.76	11	4,988.82	11	4,608.87	11	4,228.93	11	3,848.99	11	3,469.04	11	3,089.10	11	2,709.15
1/4		1/4		1/4	5,360.85	1/4	4,980.91	1/4	4,600.96	1/4	4,221.02	1/4	3,841.07	1/4	3,461.13	1/4	3,081.19	1/4	2,701.24
1/2		1/2		1/2	5,352.93	1/2	4,972.99	1/2	4,593.04	1/2	4,213.10	1/2	3,833.15	1/2	3,453.21	1/2	3,073.27	1/2	2,693.32
3/4		3/4		3/4	5,345.02	3/4	4,965.07	3/4	4,585.13	3/4	4,205.19	3/4	3,825.24	3/4	3,445.30	3/4	3,065.35	3/4	2,685.41

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 11'-03" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 30006"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,677.49	0	2,297.55	0	1,917.60	0	1,537.66	0	1,157.76	0	778.21	0	404.18	0	66.60	0		0	
1/4	2,669.58	1/4	2,289.64	1/4	1,909.69	1/4	1,529.75	1/4	1,149.85	1/4	770.30	1/4	396.71	1/4	60.00	1/4		1/4	
1/2	2,661.66	1/2	2,281.72	1/2	1,901.77	1/2	1,521.83	1/2	1,141.94	1/2	762.38	1/2	389.25	1/2	53.40	1/2		1/2	
3/4	2,653.75	3/4	2,273.80	3/4	1,893.86	3/4	1,513.92	3/4	1,134.03	3/4	754.47	3/4	381.86	3/4	47.63	3/4		3/4	
1	2,645.83	1	2,265.89	1	1,885.94	1	1,506.00	1	1,126.13	1	746.55	1	374.47	1	41.86	1		1	
1/4	2,637.92	1/4	2,257.97	1/4	1,878.03	1/4	1,498.09	1/4	1,118.22	1/4	738.64	1/4	367.07	1/4	36.09	1/4		1/4	
1/2	2,630.00	1/2	2,250.05	1/2	1,870.11	1/2	1,490.17	1/2	1,110.31	1/2	730.72	1/2	359.68	1/2	30.32	1/2		1/2	
3/4	2,622.09	3/4	2,242.14	3/4	1,862.20	3/4	1,482.25	3/4	1,102.40	3/4	722.80	3/4	352.36	3/4	26.20	3/4		3/4	
2	2,614.17	2	2,234.22	2	1,854.28	2	1,474.34	2	1,094.49	2	714.89	2	345.03	2	22.08	2		2	
1/4	2,606.26	1/4	2,226.31	1/4	1,846.37	1/4	1,466.42	1/4	1,086.58	1/4	706.97	1/4	337.71	1/4	17.96	1/4		1/4	
1/2	2,598.34	1/2	2,218.39	1/2	1,838.45	1/2	1,458.50	1/2	1,078.67	1/2	699.05	1/2	330.38	1/2	13.84	1/2		1/2	
3/4	2,590.42	3/4	2,210.48	3/4	1,830.54	3/4	1,450.59	3/4	1,070.77	3/4	691.14	3/4	323.13	3/4		3/4		3/4	
3	2,582.51	3	2,202.56	3	1,822.62	3	1,442.67	3	1,062.86	3	683.22	3	315.87	3		3		3	
1/4	2,574.59	1/4	2,194.65	1/4	1,814.71	1/4	1,434.76	1/4	1,054.96	1/4	675.31	1/4	308.62	1/4		1/4		1/4	
1/2	2,566.67	1/2	2,186.73	1/2	1,806.79	1/2	1,426.84	1/2	1,047.05	1/2	667.39	1/2	301.36	1/2		1/2		1/2	
3/4	2,558.76	3/4	2,178.82	3/4	1,798.87	3/4	1,418.93	3/4	1,039.15	3/4	659.48	3/4	294.18	3/4		3/4		3/4	
4	2,550.84	4	2,170.90	4	1,790.96	4	1,411.01	4	1,031.24	4	651.56	4	286.99	4		4		4	
1/4	2,542.93	1/4	2,162.99	1/4	1,783.04	1/4	1,403.10	1/4	1,023.34	1/4	643.65	1/4	279.81	1/4		1/4		1/4	
1/2	2,535.01	1/2	2,155.07	1/2	1,775.12	1/2	1,395.18	1/2	1,015.43	1/2	635.73	1/2	272.62	1/2		1/2		1/2	
3/4	2,527.10	3/4	2,147.16	3/4	1,767.21	3/4	1,387.27	3/4	1,007.53	3/4	627.82	3/4	265.51	3/4		3/4		3/4	
5	2,519.18	5	2,139.24	5	1,759.29	5	1,379.35	5	999.62	5	619.90	5	258.39	5		5		5	
1/4	2,511.27	1/4	2,131.33	1/4	1,751.38	1/4	1,371.44	1/4	991.72	1/4	611.99	1/4	251.28	1/4		1/4		1/4	
1/2	2,503.35	1/2	2,123.41	1/2	1,743.46	1/2	1,363.52	1/2	983.81	1/2	604.07	1/2	244.16	1/2		1/2		1/2	
3/4	2,495.44	3/4	2,115.49	3/4	1,735.55	3/4	1,355.61	3/4	975.91	3/4	596.19	3/4	237.11	3/4		3/4		3/4	
6	2,487.52	6	2,107.58	6	1,727.63	6	1,347.69	6	968.00	6	588.31	6	230.07	6		6		6	
1/4	2,479.61	1/4	2,099.66	1/4	1,719.72	1/4	1,339.78	1/4	960.10	1/4	580.42	1/4	223.02	1/4		1/4		1/4	
1/2	2,471.69	1/2	2,091.74	1/2	1,711.80	1/2	1,331.86	1/2	952.19	1/2	572.54	1/2	215.97	1/2		1/2		1/2	
3/4	2,463.78	3/4	2,083.83	3/4	1,703.89	3/4	1,323.94	3/4	944.29	3/4	564.73	3/4	209.02	3/4		3/4		3/4	
7	2,455.86	7	2,075.91	7	1,695.97	7	1,316.03	7	936.38	7	556.92	7	202.08	7		7		7	
1/4	2,447.95	1/4	2,068.00	1/4	1,688.06	1/4	1,308.11	1/4	928.48	1/4	549.11	1/4	195.13	1/4		1/4		1/4	
1/2	2,440.03	1/2	2,060.08	1/2	1,680.14	1/2	1,300.19	1/2	920.57	1/2	541.30	1/2	188.18	1/2		1/2		1/2	
3/4	2,432.11	3/4	2,052.17	3/4	1,672.23	3/4	1,292.28	3/4	912.66	3/4	533.56	3/4	181.30	3/4		3/4		3/4	
8	2,424.20	8	2,044.25	8	1,664.31	8	1,284.36	8	904.76	8	525.82	8	174.43	8		8		8	
1/4	2,416.28	1/4	2,036.34	1/4	1,656.40	1/4	1,276.45	1/4	896.85	1/4	518.07	1/4	167.55	1/4		1/4		1/4	
1/2	2,408.36	1/2	2,028.42	1/2	1,648.48	1/2	1,268.53	1/2	888.94	1/2	510.33	1/2	160.67	1/2		1/2		1/2	
3/4	2,400.45	3/4	2,020.51	3/4	1,640.56	3/4	1,260.62	3/4	881.04	3/4	502.66	3/4	153.86	3/4		3/4		3/4	
9	2,392.53	9	2,012.59	9	1,632.65	9	1,252.70	9	873.13	9	494.99	9	147.05	9		9		9	
1/4	2,384.62	1/4	2,004.68	1/4	1,624.73	1/4	1,244.79	1/4	865.23	1/4	487.32	1/4	140.24	1/4		1/4		1/4	
1/2	2,376.70	1/2	1,996.76	1/2	1,616.81	1/2	1,236.87	1/2	857.32	1/2	479.65	1/2	133.43	1/2		1/2		1/2	
3/4	2,368.79	3/4	1,988.85	3/4	1,608.90	3/4	1,228.96	3/4	849.42	3/4	472.05	3/4	126.69	3/4		3/4		3/4	
10	2,360.87	10	1,980.93	10	1,600.98	10	1,221.04	10	841.51	10	464.45	10	119.96	10		10		10	
1/4	2,352.96	1/4	1,973.02	1/4	1,593.07	1/4	1,213.13	1/4	833.61	1/4	456.84	1/4	113.22	1/4		1/4		1/4	
1/2	2,345.04	1/2	1,965.10	1/2	1,585.15	1/2	1,205.21	1/2	825.70	1/2	449.24	1/2	106.48	1/2		1/2		1/2	
3/4	2,337.13	3/4	1,957.18	3/4	1,577.24	3/4	1,197.30	3/4	817.79	3/4	441.71	3/4	99.81	3/4		3/4		3/4	
11	2,329.21	11	1,949.27	11	1,569.32	11	1,189.39	11	809.87	11	434.17	11	93.14	11		11		11	
1/4	2,321.30	1/4	1,941.35	1/4	1,561.41	1/4	1,181.48	1/4	801.96	1/4	426.64	1/4	86.47	1/4		1/4		1/4	
1/2	2,313.38	1/2	1,933.43	1/2	1,553.49	1/2	1,173.57	1/2	794.04	1/2	419.10	1/2	79.80	1/2		1/2		1/2	
3/4	2,305.47	3/4	1,925.52	3/4	1,545.58	3/4	1,165.66	3/4	786.13	3/4	411.64	3/4	73.20	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2001 ITS
RECALCULATED: 09/07/2018
VERIFIED:02/08/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
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<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "KIRBY 30006"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	5,363.16	0	4,981.94	0	4,600.73	0	4,219.52	0	3,838.31	0	3,457.10	0	3,075.89
1/4		1/4		1/4		1/4	5,355.22	1/4	4,974.00	1/4	4,592.79	1/4	4,211.58	1/4	3,830.37	1/4	3,449.15	1/4	3,067.94
1/2		1/2		1/2		1/2	5,347.27	1/2	4,966.06	1/2	4,584.85	1/2	4,203.63	1/2	3,822.42	1/2	3,441.21	1/2	3,060.00
3/4		3/4		3/4		3/4	5,339.33	3/4	4,958.12	3/4	4,576.91	3/4	4,195.69	3/4	3,814.48	3/4	3,433.27	3/4	3,052.06
1		1		1		1	5,331.39	1	4,950.18	1	4,568.97	1	4,187.75	1	3,806.54	1	3,425.33	1	3,044.12
1/4		1/4		1/4		1/4	5,323.45	1/4	4,942.24	1/4	4,561.03	1/4	4,179.81	1/4	3,798.60	1/4	3,417.38	1/4	3,036.17
1/2		1/2		1/2		1/2	5,315.50	1/2	4,934.29	1/2	4,553.08	1/2	4,171.87	1/2	3,790.66	1/2	3,409.44	1/2	3,028.23
3/4		3/4		3/4		3/4	5,307.56	3/4	4,926.35	3/4	4,545.14	3/4	4,163.93	3/4	3,782.72	3/4	3,401.50	3/4	3,020.29
2		2		2		2	5,299.62	2	4,918.41	2	4,537.20	2	4,155.99	2	3,774.78	2	3,393.56	2	3,012.35
1/4		1/4		1/4		1/4	5,291.68	1/4	4,910.47	1/4	4,529.26	1/4	4,148.05	1/4	3,766.84	1/4	3,385.62	1/4	3,004.41
1/2		1/2		1/2		1/2	5,283.73	1/2	4,902.52	1/2	4,521.31	1/2	4,140.10	1/2	3,758.89	1/2	3,377.68	1/2	2,996.47
3/4		3/4		3/4		3/4	5,275.79	3/4	4,894.58	3/4	4,513.37	3/4	4,132.16	3/4	3,750.95	3/4	3,369.74	3/4	2,988.53
3		3		3		3	5,267.85	3	4,886.64	3	4,505.43	3	4,124.22	3	3,743.01	3	3,361.80	3	2,980.59
1/4		1/4		1/4		1/4	5,259.91	1/4	4,878.70	1/4	4,497.49	1/4	4,116.28	1/4	3,735.07	1/4	3,353.85	1/4	2,972.64
1/2		1/2		1/2		1/2	5,251.97	1/2	4,870.75	1/2	4,489.54	1/2	4,108.33	1/2	3,727.12	1/2	3,345.91	1/2	2,964.70
3/4		3/4		3/4		3/4	5,244.03	3/4	4,862.81	3/4	4,481.60	3/4	4,100.39	3/4	3,719.18	3/4	3,337.97	3/4	2,956.76
4		4		4		4	5,236.09	4	4,854.87	4	4,473.66	4	4,092.45	4	3,711.24	4	3,330.03	4	2,948.82
1/4		1/4		1/4		1/4	5,228.15	1/4	4,846.93	1/4	4,465.72	1/4	4,084.51	1/4	3,703.30	1/4	3,322.08	1/4	2,940.87
1/2		1/2		1/2		1/2	5,220.20	1/2	4,838.99	1/2	4,457.78	1/2	4,076.56	1/2	3,695.35	1/2	3,314.14	1/2	2,932.93
3/4		3/4		3/4		3/4	5,212.26	3/4	4,831.05	3/4	4,449.84	3/4	4,068.62	3/4	3,687.41	3/4	3,306.20	3/4	2,924.99
5		5		5		5	5,204.32	5	4,823.11	5	4,441.90	5	4,060.68	5	3,679.47	5	3,298.26	5	2,917.05
1/4		1/4		1/4		1/4	5,196.38	1/4	4,815.17	1/4	4,433.96	1/4	4,052.74	1/4	3,671.53	1/4	3,290.31	1/4	2,909.10
1/2		1/2		1/2		1/2	5,188.43	1/2	4,807.22	1/2	4,426.01	1/2	4,044.80	1/2	3,663.59	1/2	3,282.37	1/2	2,901.16
3/4		3/4		3/4		3/4	5,180.49	3/4	4,799.28	3/4	4,418.07	3/4	4,036.86	3/4	3,655.65	3/4	3,274.43	3/4	2,893.22
6		6		6	5,530.09	6	5,172.55	6	4,791.34	6	4,410.13	6	4,028.92	6	3,647.71	6	3,266.49	6	2,885.28
1/4		1/4		1/4	5,527.85	1/4	5,164.61	1/4	4,783.40	1/4	4,402.19	1/4	4,020.98	1/4	3,639.76	1/4	3,258.55	1/4	2,877.34
1/2		1/2		1/2	5,523.36	1/2	5,156.66	1/2	4,775.45	1/2	4,394.24	1/2	4,013.03	1/2	3,631.82	1/2	3,250.61	1/2	2,869.40
3/4		3/4		3/4	5,518.87	3/4	5,148.72	3/4	4,767.51	3/4	4,386.30	3/4	4,005.09	3/4	3,623.88	3/4	3,242.67	3/4	2,861.46
7		7		7	5,513.00	7	5,140.78	7	4,759.57	7	4,378.36	7	3,997.15	7	3,615.94	7	3,234.73	7	2,853.52
1/4		1/4		1/4	5,507.13	1/4	5,132.84	1/4	4,751.63	1/4	4,370.42	1/4	3,989.21	1/4	3,607.99	1/4	3,226.78	1/4	2,845.57
1/2		1/2		1/2	5,501.26	1/2	5,124.89	1/2	4,743.68	1/2	4,362.47	1/2	3,981.26	1/2	3,600.05	1/2	3,218.84	1/2	2,837.63
3/4		3/4		3/4	5,495.39	3/4	5,116.95	3/4	4,735.74	3/4	4,354.53	3/4	3,973.32	3/4	3,592.11	3/4	3,210.90	3/4	2,829.69
8		8		8	5,488.14	8	5,109.01	8	4,727.80	8	4,346.59	8	3,965.38	8	3,584.17	8	3,202.96	8	2,821.75
1/4		1/4		1/4	5,480.90	1/4	5,101.07	1/4	4,719.86	1/4	4,338.65	1/4	3,957.44	1/4	3,576.22	1/4	3,195.01	1/4	2,813.80
1/2		1/2		1/2	5,473.65	1/2	5,093.13	1/2	4,711.92	1/2	4,330.70	1/2	3,949.49	1/2	3,568.28	1/2	3,187.07	1/2	2,805.86
3/4		3/4		3/4	5,466.40	3/4	5,085.19	3/4	4,703.98	3/4	4,322.76	3/4	3,941.55	3/4	3,560.34	3/4	3,179.13	3/4	2,797.92
9		9		9	5,458.46	9	5,077.25	9	4,696.04	9	4,314.82	9	3,933.61	9	3,552.40	9	3,171.19	9	2,789.98
1/4		1/4		1/4	5,450.52	1/4	5,069.31	1/4	4,688.10	1/4	4,306.88	1/4	3,925.67	1/4	3,544.45	1/4	3,163.24	1/4	2,782.03
1/2		1/2		1/2	5,442.57	1/2	5,061.36	1/2	4,680.15	1/2	4,298.94	1/2	3,917.73	1/2	3,536.51	1/2	3,155.30	1/2	2,774.09
3/4		3/4		3/4	5,434.63	3/4	5,053.42	3/4	4,672.21	3/4	4,291.00	3/4	3,909.79	3/4	3,528.57	3/4	3,147.36	3/4	2,766.15
10		10		10	5,426.69	10	5,045.48	10	4,664.27	10	4,283.06	10	3,901.85	10	3,520.63	10	3,139.42	10	2,758.21
1/4		1/4		1/4	5,418.75	1/4	5,037.54	1/4	4,656.33	1/4	4,275.12	1/4	3,893.91	1/4	3,512.69	1/4	3,131.48	1/4	2,750.26
1/2		1/2		1/2	5,410.80	1/2	5,029.59	1/2	4,648.38	1/2	4,267.17	1/2	3,885.96	1/2	3,504.75	1/2	3,123.54	1/2	2,742.32
3/4		3/4		3/4	5,402.86	3/4	5,021.65	3/4	4,640.44	3/4	4,259.23	3/4	3,878.02	3/4	3,496.81	3/4	3,115.60	3/4	2,734.38
11		11		11	5,394.92	11	5,013.71	11	4,632.50	11	4,251.29	11	3,870.08	11	3,488.87	11	3,107.66	11	2,726.44
1/4		1/4		1/4	5,386.98	1/4	5,005.77	1/4	4,624.56	1/4	4,243.35	1/4	3,862.14	1/4	3,480.92	1/4	3,099.71	1/4	2,718.50
1/2		1/2		1/2	5,379.04	1/2	4,997.82	1/2	4,616.61	1/2	4,235.40	1/2	3,854.19	1/2	3,472.98	1/2	3,091.77	1/2	2,710.56
3/4		3/4		3/4	5,371.10	3/4	4,989.88	3/4	4,608.67	3/4	4,227.46	3/4	3,846.25	3/4	3,465.04	3/4	3,083.83	3/4	2,702.62

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 11'-03" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 30006"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,694.68	0	2,313.47	0	1,932.25	0	1,551.04	0	1,169.83	0	788.75	0	413.01	0	73.44	0		0	
1/4	2,686.73	1/4	2,305.52	1/4	1,924.31	1/4	1,543.10	1/4	1,161.88	1/4	780.80	1/4	405.52	1/4	66.82	1/4		1/4	
1/2	2,678.79	1/2	2,297.58	1/2	1,916.37	1/2	1,535.16	1/2	1,153.94	1/2	772.86	1/2	398.04	1/2	60.20	1/2		1/2	
3/4	2,670.85	3/4	2,289.64	3/4	1,908.43	3/4	1,527.22	3/4	1,146.00	3/4	764.92	3/4	390.55	3/4	53.58	3/4		3/4	
1	2,662.91	1	2,281.70	1	1,900.49	1	1,519.28	1	1,138.06	1	756.98	1	383.13	1	47.79	1		1	
1/4	2,654.96	1/4	2,273.75	1/4	1,892.54	1/4	1,511.33	1/4	1,130.12	1/4	749.03	1/4	375.71	1/4	42.00	1/4		1/4	
1/2	2,647.02	1/2	2,265.81	1/2	1,884.60	1/2	1,503.39	1/2	1,122.18	1/2	741.09	1/2	368.29	1/2	36.21	1/2		1/2	
3/4	2,639.08	3/4	2,257.87	3/4	1,876.66	3/4	1,495.45	3/4	1,114.24	3/4	733.15	3/4	360.87	3/4	30.42	3/4		3/4	
2	2,631.14	2	2,249.93	2	1,868.72	2	1,487.51	2	1,106.30	2	725.21	2	353.52	2	26.28	2		2	
1/4	2,623.19	1/4	2,241.98	1/4	1,860.77	1/4	1,479.56	1/4	1,098.35	1/4	717.26	1/4	346.17	1/4	22.15	1/4		1/4	
1/2	2,615.25	1/2	2,234.04	1/2	1,852.83	1/2	1,471.62	1/2	1,090.41	1/2	709.32	1/2	338.83	1/2	18.01	1/2		1/2	
3/4	2,607.31	3/4	2,226.10	3/4	1,844.89	3/4	1,463.68	3/4	1,082.47	3/4	701.38	3/4	331.48	3/4	13.88	3/4		3/4	
3	2,599.37	3	2,218.16	3	1,836.95	3	1,455.74	3	1,074.53	3	693.44	3	324.20	3		3		3	
1/4	2,591.43	1/4	2,210.22	1/4	1,829.00	1/4	1,447.79	1/4	1,066.59	1/4	685.50	1/4	316.92	1/4		1/4		1/4	
1/2	2,583.49	1/2	2,202.28	1/2	1,821.06	1/2	1,439.85	1/2	1,058.66	1/2	677.56	1/2	309.64	1/2		1/2		1/2	
3/4	2,575.55	3/4	2,194.34	3/4	1,813.12	3/4	1,431.91	3/4	1,050.72	3/4	669.62	3/4	302.36	3/4		3/4		3/4	
4	2,567.61	4	2,186.40	4	1,805.18	4	1,423.97	4	1,042.78	4	661.68	4	295.15	4		4		4	
1/4	2,559.66	1/4	2,178.45	1/4	1,797.24	1/4	1,416.03	1/4	1,034.84	1/4	653.73	1/4	287.94	1/4		1/4		1/4	
1/2	2,551.72	1/2	2,170.51	1/2	1,789.30	1/2	1,408.09	1/2	1,026.91	1/2	645.79	1/2	280.74	1/2		1/2		1/2	
3/4	2,543.78	3/4	2,162.57	3/4	1,781.36	3/4	1,400.15	3/4	1,018.97	3/4	637.85	3/4	273.53	3/4		3/4		3/4	
5	2,535.84	5	2,154.63	5	1,773.42	5	1,392.21	5	1,011.03	5	629.91	5	266.39	5		5		5	
1/4	2,527.89	1/4	2,146.68	1/4	1,765.47	1/4	1,384.26	1/4	1,003.09	1/4	621.96	1/4	259.25	1/4		1/4		1/4	
1/2	2,519.95	1/2	2,138.74	1/2	1,757.53	1/2	1,376.32	1/2	995.15	1/2	614.02	1/2	252.11	1/2		1/2		1/2	
3/4	2,512.01	3/4	2,130.80	3/4	1,749.59	3/4	1,368.38	3/4	987.21	3/4	606.08	3/4	244.97	3/4		3/4		3/4	
6	2,504.07	6	2,122.86	6	1,741.65	6	1,360.44	6	979.27	6	598.17	6	237.90	6		6		6	
1/4	2,496.12	1/4	2,114.91	1/4	1,733.70	1/4	1,352.49	1/4	971.33	1/4	590.26	1/4	230.83	1/4		1/4		1/4	
1/2	2,488.18	1/2	2,106.97	1/2	1,725.76	1/2	1,344.55	1/2	963.40	1/2	582.36	1/2	223.76	1/2		1/2		1/2	
3/4	2,480.24	3/4	2,099.03	3/4	1,717.82	3/4	1,336.61	3/4	955.46	3/4	574.45	3/4	216.69	3/4		3/4		3/4	
7	2,472.30	7	2,091.09	7	1,709.88	7	1,328.67	7	947.52	7	566.61	7	209.72	7		7		7	
1/4	2,464.36	1/4	2,083.15	1/4	1,701.93	1/4	1,320.72	1/4	939.58	1/4	558.77	1/4	202.75	1/4		1/4		1/4	
1/2	2,456.42	1/2	2,075.21	1/2	1,693.99	1/2	1,312.78	1/2	931.65	1/2	550.94	1/2	195.78	1/2		1/2		1/2	
3/4	2,448.48	3/4	2,067.27	3/4	1,686.05	3/4	1,304.84	3/4	923.71	3/4	543.10	3/4	188.81	3/4		3/4		3/4	
8	2,440.54	8	2,059.33	8	1,678.11	8	1,296.90	8	915.77	8	535.33	8	181.91	8		8		8	
1/4	2,432.59	1/4	2,051.38	1/4	1,670.17	1/4	1,288.96	1/4	907.83	1/4	527.56	1/4	175.00	1/4		1/4		1/4	
1/2	2,424.65	1/2	2,043.44	1/2	1,662.23	1/2	1,281.02	1/2	899.90	1/2	519.80	1/2	168.10	1/2		1/2		1/2	
3/4	2,416.71	3/4	2,035.50	3/4	1,654.29	3/4	1,273.08	3/4	891.96	3/4	512.03	3/4	161.20	3/4		3/4		3/4	
9	2,408.77	9	2,027.56	9	1,646.35	9	1,265.14	9	884.02	9	504.33	9	154.37	9		9		9	
1/4	2,400.82	1/4	2,019.61	1/4	1,638.40	1/4	1,257.19	1/4	876.08	1/4	496.63	1/4	147.54	1/4		1/4		1/4	
1/2	2,392.88	1/2	2,011.67	1/2	1,630.46	1/2	1,249.25	1/2	868.15	1/2	488.94	1/2	140.71	1/2		1/2		1/2	
3/4	2,384.94	3/4	2,003.73	3/4	1,622.52	3/4	1,241.31	3/4	860.21	3/4	481.24	3/4	133.88	3/4		3/4		3/4	
10	2,377.00	10	1,995.79	10	1,614.58	10	1,233.37	10	852.27	10	473.61	10	127.12	10		10		10	
1/4	2,369.05	1/4	1,987.84	1/4	1,606.63	1/4	1,225.42	1/4	844.33	1/4	465.98	1/4	120.35	1/4		1/4		1/4	
1/2	2,361.11	1/2	1,979.90	1/2	1,598.69	1/2	1,217.48	1/2	836.39	1/2	458.36	1/2	113.59	1/2		1/2		1/2	
3/4	2,353.17	3/4	1,971.96	3/4	1,590.75	3/4	1,209.54	3/4	828.45	3/4	450.73	3/4	106.83	3/4		3/4		3/4	
11	2,345.23	11	1,964.02	11	1,582.81	11	1,201.60	11	820.51	11	443.17	11	100.14	11		11		11	
1/4	2,337.29	1/4	1,956.07	1/4	1,574.86	1/4	1,193.65	1/4	812.57	1/4	435.61	1/4	93.44	1/4		1/4		1/4	
1/2	2,329.35	1/2	1,948.13	1/2	1,566.92	1/2	1,185.71	1/2	804.63	1/2	428.06	1/2	86.75	1/2		1/2		1/2	
3/4	2,321.41	3/4	1,940.19	3/4	1,558.98	3/4	1,177.77	3/4	796.69	3/4	420.50	3/4	80.06	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2001 ITS
RECALCULATED: 09/07/2018
VERIFIED: 02/08/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2018



BARGE "KIRBY 30006"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	5,034.61	0	4,680.64	0	4,326.69	0	3,972.73	0	3,618.77	0	3,264.82	0	2,910.86
1/4		1/4		1/4		1/4	5,027.23	1/4	4,673.27	1/4	4,319.31	1/4	3,965.36	1/4	3,611.40	1/4	3,257.44	1/4	2,903.49
1/2		1/2		1/2		1/2	5,019.86	1/2	4,665.89	1/2	4,311.94	1/2	3,957.98	1/2	3,604.02	1/2	3,250.07	1/2	2,896.11
3/4		3/4		3/4		3/4	5,012.48	3/4	4,658.52	3/4	4,304.57	3/4	3,950.61	3/4	3,596.65	3/4	3,242.70	3/4	2,888.74
1		1		1		1	5,005.11	1	4,651.15	1	4,297.19	1	3,943.23	1	3,589.28	1	3,235.32	1	2,881.36
1/4		1/4		1/4		1/4	4,997.73	1/4	4,643.77	1/4	4,289.82	1/4	3,935.86	1/4	3,581.90	1/4	3,227.95	1/4	2,873.99
1/2		1/2		1/2		1/2	4,990.36	1/2	4,636.40	1/2	4,282.44	1/2	3,928.48	1/2	3,574.53	1/2	3,220.57	1/2	2,866.61
3/4		3/4		3/4		3/4	4,982.98	3/4	4,629.03	3/4	4,275.07	3/4	3,921.11	3/4	3,567.16	3/4	3,213.20	3/4	2,859.24
2		2		2		2	4,975.61	2	4,621.65	2	4,267.69	2	3,913.74	2	3,559.78	2	3,205.82	2	2,851.87
1/4		1/4		1/4		1/4	4,968.24	1/4	4,614.28	1/4	4,260.32	1/4	3,906.36	1/4	3,552.41	1/4	3,198.45	1/4	2,844.49
1/2		1/2		1/2		1/2	4,960.86	1/2	4,606.90	1/2	4,252.94	1/2	3,898.99	1/2	3,545.03	1/2	3,191.07	1/2	2,837.12
3/4		3/4		3/4		3/4	4,953.49	3/4	4,599.53	3/4	4,245.57	3/4	3,891.62	3/4	3,537.66	3/4	3,183.70	3/4	2,829.75
3		3		3		3	4,946.12	3	4,592.15	3	4,238.20	3	3,884.24	3	3,530.28	3	3,176.33	3	2,822.37
1/4		1/4		1/4		1/4	4,938.74	1/4	4,584.78	1/4	4,230.82	1/4	3,876.87	1/4	3,522.91	1/4	3,168.95	1/4	2,815.00
1/2		1/2		1/2		1/2	4,931.37	1/2	4,577.40	1/2	4,223.45	1/2	3,869.49	1/2	3,515.53	1/2	3,161.58	1/2	2,807.62
3/4		3/4		3/4		3/4	4,923.99	3/4	4,570.03	3/4	4,216.08	3/4	3,862.12	3/4	3,508.16	3/4	3,154.21	3/4	2,800.25
4		4		4		4	4,916.62	4	4,562.66	4	4,208.70	4	3,854.74	4	3,500.79	4	3,146.83	4	2,792.87
1/4		1/4		1/4		1/4	4,909.25	1/4	4,555.28	1/4	4,201.33	1/4	3,847.37	1/4	3,493.41	1/4	3,139.46	1/4	2,785.50
1/2		1/2		1/2		1/2	4,901.87	1/2	4,547.91	1/2	4,193.95	1/2	3,839.99	1/2	3,486.04	1/2	3,132.08	1/2	2,778.12
3/4		3/4		3/4		3/4	4,894.50	3/4	4,540.54	3/4	4,186.58	3/4	3,832.62	3/4	3,478.67	3/4	3,124.71	3/4	2,770.75
5		5		5		5	4,887.13	5	4,533.16	5	4,179.21	5	3,825.25	5	3,471.29	5	3,117.33	5	2,763.38
1/4		1/4		1/4		1/4	4,879.75	1/4	4,525.79	1/4	4,171.83	1/4	3,817.87	1/4	3,463.92	1/4	3,109.96	1/4	2,756.00
1/2		1/2		1/2		1/2	4,872.38	1/2	4,518.41	1/2	4,164.46	1/2	3,810.50	1/2	3,456.54	1/2	3,102.58	1/2	2,748.63
3/4		3/4		3/4		3/4	4,865.00	3/4	4,511.04	3/4	4,157.09	3/4	3,803.13	3/4	3,449.17	3/4	3,095.21	3/4	2,741.26
6		6		6		6	4,857.63	6	4,503.67	6	4,149.71	6	3,795.75	6	3,441.80	6	3,087.84	6	2,733.88
1/4		1/4		1/4	5,185.45	1/4	4,850.25	1/4	4,496.29	1/4	4,142.34	1/4	3,788.38	1/4	3,434.42	1/4	3,080.46	1/4	2,726.51
1/2		1/2		1/2	5,183.37	1/2	4,842.88	1/2	4,488.92	1/2	4,134.96	1/2	3,781.00	1/2	3,427.05	1/2	3,073.09	1/2	2,719.13
3/4		3/4		3/4	5,179.20	3/4	4,835.50	3/4	4,481.55	3/4	4,127.59	3/4	3,773.63	3/4	3,419.68	3/4	3,065.72	3/4	2,711.76
7		7		7	5,173.75	7	4,828.13	7	4,474.17	7	4,120.21	7	3,766.26	7	3,412.30	7	3,058.34	7	2,704.39
1/4		1/4		1/4	5,168.30	1/4	4,820.75	1/4	4,466.80	1/4	4,112.84	1/4	3,758.88	1/4	3,404.93	1/4	3,050.97	1/4	2,697.01
1/2		1/2		1/2	5,162.85	1/2	4,813.38	1/2	4,459.42	1/2	4,105.46	1/2	3,751.51	1/2	3,397.55	1/2	3,043.59	1/2	2,689.64
3/4		3/4		3/4	5,157.40	3/4	4,806.01	3/4	4,452.05	3/4	4,098.09	3/4	3,744.14	3/4	3,390.18	3/4	3,036.22	3/4	2,682.27
8		8		8	5,150.67	8	4,798.63	8	4,444.67	8	4,090.72	8	3,736.76	8	3,382.80	8	3,028.85	8	2,674.89
1/4		1/4		1/4	5,143.94	1/4	4,791.26	1/4	4,437.30	1/4	4,083.34	1/4	3,729.39	1/4	3,375.43	1/4	3,021.47	1/4	2,667.52
1/2		1/2		1/2	5,137.20	1/2	4,783.88	1/2	4,429.92	1/2	4,075.97	1/2	3,722.01	1/2	3,368.05	1/2	3,014.10	1/2	2,660.14
3/4		3/4		3/4	5,130.47	3/4	4,776.51	3/4	4,422.55	3/4	4,068.60	3/4	3,714.64	3/4	3,360.68	3/4	3,006.73	3/4	2,652.77
9		9		9	5,123.10	9	4,769.13	9	4,415.18	9	4,061.22	9	3,707.26	9	3,353.31	9	2,999.35	9	2,645.39
1/4		1/4		1/4	5,115.72	1/4	4,761.76	1/4	4,407.80	1/4	4,053.85	1/4	3,699.89	1/4	3,345.93	1/4	2,991.98	1/4	2,638.02
1/2		1/2		1/2	5,108.35	1/2	4,754.38	1/2	4,400.43	1/2	4,046.47	1/2	3,692.51	1/2	3,338.56	1/2	2,984.60	1/2	2,630.64
3/4		3/4		3/4	5,100.97	3/4	4,747.01	3/4	4,393.06	3/4	4,039.10	3/4	3,685.14	3/4	3,331.19	3/4	2,977.23	3/4	2,623.27
10		10		10	5,093.60	10	4,739.64	10	4,385.68	10	4,031.72	10	3,677.77	10	3,323.81	10	2,969.85	10	2,615.90
1/4		1/4		1/4	5,086.22	1/4	4,732.26	1/4	4,378.31	1/4	4,024.35	1/4	3,670.39	1/4	3,316.44	1/4	2,962.48	1/4	2,608.52
1/2		1/2		1/2	5,078.85	1/2	4,724.89	1/2	4,370.93	1/2	4,016.97	1/2	3,663.02	1/2	3,309.06	1/2	2,955.10	1/2	2,601.15
3/4		3/4		3/4	5,071.47	3/4	4,717.52	3/4	4,363.56	3/4	4,009.60	3/4	3,655.65	3/4	3,301.69	3/4	2,947.73	3/4	2,593.78
11		11		11	5,064.10	11	4,710.14	11	4,356.18	11	4,002.23	11	3,648.27	11	3,294.31	11	2,940.36	11	2,586.40
1/4		1/4		1/4	5,056.73	1/4	4,702.77	1/4	4,348.81	1/4	3,994.85	1/4	3,640.90	1/4	3,286.94	1/4	2,932.98	1/4	2,579.03
1/2		1/2		1/2	5,049.35	1/2	4,695.39	1/2	4,341.43	1/2	3,987.48	1/2	3,633.52	1/2	3,279.56	1/2	2,925.61	1/2	2,571.65
3/4		3/4		3/4	5,041.98	3/4	4,688.02	3/4	4,334.06	3/4	3,980.11	3/4	3,626.15	3/4	3,272.19	3/4	2,918.24	3/4	2,564.28

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 11'-03" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 30006"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,556.90	0	2,202.95	0	1,848.99	0	1,495.03	0	1,141.25	0	788.85	0	434.90	0	81.64	0		0	
1/4	2,549.53	1/4	2,195.57	1/4	1,841.62	1/4	1,487.66	1/4	1,133.91	1/4	781.48	1/4	427.52	1/4	74.30	1/4		1/4	
1/2	2,542.15	1/2	2,188.20	1/2	1,834.24	1/2	1,480.28	1/2	1,126.57	1/2	774.10	1/2	420.15	1/2	66.96	1/2		1/2	
3/4	2,534.78	3/4	2,180.83	3/4	1,826.87	3/4	1,472.91	3/4	1,119.23	3/4	766.73	3/4	412.78	3/4	59.62	3/4		3/4	
1	2,527.41	1	2,173.45	1	1,819.49	1	1,465.54	1	1,111.89	1	759.36	1	405.40	1	53.17	1		1	
1/4	2,520.03	1/4	2,166.08	1/4	1,812.12	1/4	1,458.16	1/4	1,104.55	1/4	751.98	1/4	398.03	1/4	46.71	1/4		1/4	
1/2	2,512.66	1/2	2,158.70	1/2	1,804.74	1/2	1,450.79	1/2	1,097.21	1/2	744.61	1/2	390.65	1/2	40.26	1/2		1/2	
3/4	2,505.29	3/4	2,151.33	3/4	1,797.37	3/4	1,443.42	3/4	1,089.87	3/4	737.24	3/4	383.28	3/4	33.81	3/4		3/4	
2	2,497.91	2	2,143.95	2	1,790.00	2	1,436.04	2	1,082.53	2	729.86	2	375.90	2	29.20	2		2	
1/4	2,490.54	1/4	2,136.58	1/4	1,782.62	1/4	1,428.67	1/4	1,075.19	1/4	722.49	1/4	368.53	1/4	24.59	1/4		1/4	
1/2	2,483.16	1/2	2,129.20	1/2	1,775.25	1/2	1,421.29	1/2	1,067.85	1/2	715.11	1/2	361.15	1/2	19.99	1/2		1/2	
3/4	2,475.79	3/4	2,121.83	3/4	1,767.88	3/4	1,413.92	3/4	1,060.51	3/4	707.74	3/4	353.78	3/4	15.38	3/4		3/4	
3	2,468.41	3	2,114.46	3	1,760.50	3	1,406.54	3	1,053.17	3	700.36	3	346.41	3		3		3	
1/4	2,461.04	1/4	2,107.08	1/4	1,753.13	1/4	1,399.17	1/4	1,045.83	1/4	692.99	1/4	339.03	1/4		1/4		1/4	
1/2	2,453.66	1/2	2,099.71	1/2	1,745.75	1/2	1,391.79	1/2	1,038.50	1/2	685.61	1/2	331.66	1/2		1/2		1/2	
3/4	2,446.29	3/4	2,092.34	3/4	1,738.38	3/4	1,384.42	3/4	1,031.16	3/4	678.24	3/4	324.29	3/4		3/4		3/4	
4	2,438.92	4	2,084.96	4	1,731.00	4	1,377.05	4	1,023.82	4	670.87	4	316.91	4		4		4	
1/4	2,431.54	1/4	2,077.59	1/4	1,723.63	1/4	1,369.67	1/4	1,016.48	1/4	663.49	1/4	309.54	1/4		1/4		1/4	
1/2	2,424.17	1/2	2,070.21	1/2	1,716.25	1/2	1,362.30	1/2	1,009.15	1/2	656.12	1/2	302.16	1/2		1/2		1/2	
3/4	2,416.80	3/4	2,062.84	3/4	1,708.88	3/4	1,354.93	3/4	1,001.81	3/4	648.75	3/4	294.79	3/4		3/4		3/4	
5	2,409.42	5	2,055.46	5	1,701.51	5	1,347.55	5	994.47	5	641.37	5	287.41	5		5		5	
1/4	2,402.05	1/4	2,048.09	1/4	1,694.13	1/4	1,340.18	1/4	987.13	1/4	634.00	1/4	280.04	1/4		1/4		1/4	
1/2	2,394.67	1/2	2,040.71	1/2	1,686.76	1/2	1,332.80	1/2	979.80	1/2	626.62	1/2	272.66	1/2		1/2		1/2	
3/4	2,387.30	3/4	2,033.34	3/4	1,679.39	3/4	1,325.43	3/4	972.46	3/4	619.25	3/4	265.29	3/4		3/4		3/4	
6	2,379.92	6	2,025.97	6	1,672.01	6	1,318.05	6	965.12	6	611.88	6	257.92	6		6		6	
1/4	2,372.55	1/4	2,018.59	1/4	1,664.64	1/4	1,310.68	1/4	957.79	1/4	604.50	1/4	250.54	1/4		1/4		1/4	
1/2	2,365.17	1/2	2,011.22	1/2	1,657.26	1/2	1,303.30	1/2	950.45	1/2	597.13	1/2	243.17	1/2		1/2		1/2	
3/4	2,357.80	3/4	2,003.85	3/4	1,649.89	3/4	1,295.93	3/4	943.12	3/4	589.76	3/4	235.80	3/4		3/4		3/4	
7	2,350.43	7	1,996.47	7	1,642.51	7	1,288.56	7	935.78	7	582.38	7	228.46	7		7		7	
1/4	2,343.05	1/4	1,989.10	1/4	1,635.14	1/4	1,281.18	1/4	928.44	1/4	575.01	1/4	221.12	1/4		1/4		1/4	
1/2	2,335.68	1/2	1,981.72	1/2	1,627.76	1/2	1,273.81	1/2	921.11	1/2	567.63	1/2	213.78	1/2		1/2		1/2	
3/4	2,328.31	3/4	1,974.35	3/4	1,620.39	3/4	1,266.44	3/4	913.77	3/4	560.26	3/4	206.44	3/4		3/4		3/4	
8	2,320.93	8	1,966.98	8	1,613.02	8	1,259.06	8	906.43	8	552.88	8	199.10	8		8		8	
1/4	2,313.56	1/4	1,959.60	1/4	1,605.64	1/4	1,251.69	1/4	899.09	1/4	545.51	1/4	191.75	1/4		1/4		1/4	
1/2	2,306.18	1/2	1,952.23	1/2	1,598.27	1/2	1,244.31	1/2	891.76	1/2	538.13	1/2	184.41	1/2		1/2		1/2	
3/4	2,298.81	3/4	1,944.86	3/4	1,590.90	3/4	1,236.94	3/4	884.42	3/4	530.76	3/4	177.07	3/4		3/4		3/4	
9	2,291.44	9	1,937.48	9	1,583.52	9	1,229.57	9	877.08	9	523.39	9	169.73	9		9		9	
1/4	2,284.06	1/4	1,930.11	1/4	1,576.15	1/4	1,222.19	1/4	869.74	1/4	516.01	1/4	162.39	1/4		1/4		1/4	
1/2	2,276.69	1/2	1,922.73	1/2	1,568.77	1/2	1,214.82	1/2	862.41	1/2	508.64	1/2	155.05	1/2		1/2		1/2	
3/4	2,269.32	3/4	1,915.36	3/4	1,561.40	3/4	1,207.45	3/4	855.07	3/4	501.27	3/4	147.71	3/4		3/4		3/4	
10	2,261.94	10	1,907.98	10	1,554.03	10	1,200.07	10	847.73	10	493.89	10	140.37	10		10		10	
1/4	2,254.57	1/4	1,900.61	1/4	1,546.65	1/4	1,192.70	1/4	840.40	1/4	486.52	1/4	133.03	1/4		1/4		1/4	
1/2	2,247.19	1/2	1,893.23	1/2	1,539.28	1/2	1,185.32	1/2	833.06	1/2	479.14	1/2	125.69	1/2		1/2		1/2	
3/4	2,239.82	3/4	1,885.86	3/4	1,531.91	3/4	1,177.95	3/4	825.73	3/4	471.77	3/4	118.35	3/4		3/4		3/4	
11	2,232.44	11	1,878.49	11	1,524.53	11	1,170.61	11	818.35	11	464.39	11	111.01	11		11		11	
1/4	2,225.07	1/4	1,871.11	1/4	1,517.16	1/4	1,163.27	1/4	810.98	1/4	457.02	1/4	103.66	1/4		1/4		1/4	
1/2	2,217.69	1/2	1,863.74	1/2	1,509.78	1/2	1,155.93	1/2	803.60	1/2	449.64	1/2	96.32	1/2		1/2		1/2	
3/4	2,210.32	3/4	1,856.37	3/4	1,502.41	3/4	1,148.59	3/4	796.23	3/4	442.27	3/4	88.98	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2001 ITS
RECALCULATED: 09/07/2018
VERIFIED: 02/08/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "KIRBY 30006"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	5,056.49	0	4,701.38	0	4,346.26	0	3,991.15	0	3,636.04	0	3,280.92	0	2,925.81
1/4		1/4		1/4		1/4	5,049.10	1/4	4,693.98	1/4	4,338.87	1/4	3,983.76	1/4	3,628.64	1/4	3,273.53	1/4	2,918.42
1/2		1/2		1/2		1/2	5,041.70	1/2	4,686.58	1/2	4,331.47	1/2	3,976.36	1/2	3,621.24	1/2	3,266.13	1/2	2,911.02
3/4		3/4		3/4		3/4	5,034.30	3/4	4,679.18	3/4	4,324.07	3/4	3,968.96	3/4	3,613.84	3/4	3,258.73	3/4	2,903.62
1		1		1		1	5,026.90	1	4,671.78	1	4,316.67	1	3,961.56	1	3,606.44	1	3,251.33	1	2,896.22
1/4		1/4		1/4		1/4	5,019.50	1/4	4,664.39	1/4	4,309.28	1/4	3,954.16	1/4	3,599.05	1/4	3,243.94	1/4	2,888.82
1/2		1/2		1/2		1/2	5,012.10	1/2	4,656.99	1/2	4,301.88	1/2	3,946.76	1/2	3,591.65	1/2	3,236.54	1/2	2,881.42
3/4		3/4		3/4		3/4	5,004.70	3/4	4,649.59	3/4	4,294.48	3/4	3,939.36	3/4	3,584.25	3/4	3,229.14	3/4	2,874.02
2		2		2		2	4,997.30	2	4,642.19	2	4,287.08	2	3,931.96	2	3,576.85	2	3,221.74	2	2,866.62
1/4		1/4		1/4		1/4	4,989.91	1/4	4,634.80	1/4	4,279.68	1/4	3,924.57	1/4	3,569.46	1/4	3,214.34	1/4	2,859.23
1/2		1/2		1/2		1/2	4,982.51	1/2	4,627.40	1/2	4,272.28	1/2	3,917.17	1/2	3,562.06	1/2	3,206.94	1/2	2,851.83
3/4		3/4		3/4		3/4	4,975.11	3/4	4,620.00	3/4	4,264.88	3/4	3,909.77	3/4	3,554.66	3/4	3,199.54	3/4	2,844.43
3		3		3		3	4,967.71	3	4,612.60	3	4,257.48	3	3,902.37	3	3,547.26	3	3,192.14	3	2,837.03
1/4		1/4		1/4		1/4	4,960.32	1/4	4,605.21	1/4	4,250.09	1/4	3,894.98	1/4	3,539.86	1/4	3,184.75	1/4	2,829.64
1/2		1/2		1/2		1/2	4,952.92	1/2	4,597.81	1/2	4,242.69	1/2	3,887.58	1/2	3,532.46	1/2	3,177.35	1/2	2,822.24
3/4		3/4		3/4		3/4	4,945.52	3/4	4,590.41	3/4	4,235.29	3/4	3,880.18	3/4	3,525.06	3/4	3,169.95	3/4	2,814.84
4		4		4		4	4,938.12	4	4,583.01	4	4,227.89	4	3,872.78	4	3,517.66	4	3,162.55	4	2,807.44
1/4		1/4		1/4		1/4	4,930.73	1/4	4,575.61	1/4	4,220.50	1/4	3,865.39	1/4	3,510.27	1/4	3,155.16	1/4	2,800.04
1/2		1/2		1/2		1/2	4,923.33	1/2	4,568.21	1/2	4,213.10	1/2	3,857.99	1/2	3,502.87	1/2	3,147.76	1/2	2,792.64
3/4		3/4		3/4		3/4	4,915.93	3/4	4,560.81	3/4	4,205.70	3/4	3,850.59	3/4	3,495.47	3/4	3,140.36	3/4	2,785.24
5		5		5		5	4,908.53	5	4,553.41	5	4,198.30	5	3,843.19	5	3,488.07	5	3,132.96	5	2,777.84
1/4		1/4		1/4		1/4	4,901.13	1/4	4,546.02	1/4	4,190.91	1/4	3,835.79	1/4	3,480.68	1/4	3,125.57	1/4	2,770.45
1/2		1/2		1/2		1/2	4,893.73	1/2	4,538.62	1/2	4,183.51	1/2	3,828.39	1/2	3,473.28	1/2	3,118.17	1/2	2,763.05
3/4		3/4		3/4		3/4	4,886.33	3/4	4,531.22	3/4	4,176.11	3/4	3,820.99	3/4	3,465.88	3/4	3,110.77	3/4	2,755.65
6		6		6		6	4,878.93	6	4,523.82	6	4,168.71	6	3,813.59	6	3,458.48	6	3,103.37	6	2,748.25
1/4		1/4		1/4		1/4	5,208.33	1/4	4,871.54	1/4	4,516.43	1/4	4,161.31	1/4	3,806.20	1/4	3,451.09	1/4	3,095.97
1/2		1/2		1/2		1/2	5,204.15	1/2	4,864.14	1/2	4,509.03	1/2	4,153.91	1/2	3,798.80	1/2	3,443.69	1/2	3,088.57
3/4		3/4		3/4		3/4	5,199.69	3/4	4,856.74	3/4	4,501.63	3/4	4,146.51	3/4	3,791.40	3/4	3,436.29	3/4	3,081.17
7		7		7		7	5,194.66	7	4,849.34	7	4,494.23	7	4,139.11	7	3,784.00	7	3,428.89	7	3,073.77
1/4		1/4		1/4		1/4	5,189.36	1/4	4,841.95	1/4	4,486.83	1/4	4,131.72	1/4	3,776.61	1/4	3,421.49	1/4	3,066.38
1/2		1/2		1/2		1/2	5,184.05	1/2	4,834.55	1/2	4,479.43	1/2	4,124.32	1/2	3,769.21	1/2	3,414.09	1/2	3,058.98
3/4		3/4		3/4		3/4	5,178.42	3/4	4,827.15	3/4	4,472.03	3/4	4,116.92	3/4	3,761.81	3/4	3,406.69	3/4	3,051.58
8		8		8		8	5,172.15	8	4,819.75	8	4,464.63	8	4,109.52	8	3,754.41	8	3,399.29	8	3,044.18
1/4		1/4		1/4		1/4	5,165.55	1/4	4,812.36	1/4	4,457.24	1/4	4,102.13	1/4	3,747.01	1/4	3,391.90	1/4	3,036.79
1/2		1/2		1/2		1/2	5,158.96	1/2	4,804.96	1/2	4,449.84	1/2	4,094.73	1/2	3,739.61	1/2	3,384.50	1/2	3,029.39
3/4		3/4		3/4		3/4	5,152.18	3/4	4,797.56	3/4	4,442.44	3/4	4,087.33	3/4	3,732.21	3/4	3,377.10	3/4	3,021.99
9		9		9		9	5,145.04	9	4,790.16	9	4,435.04	9	4,079.93	9	3,724.81	9	3,369.70	9	3,014.59
1/4		1/4		1/4		1/4	5,137.72	1/4	4,782.76	1/4	4,427.65	1/4	4,072.54	1/4	3,717.42	1/4	3,362.31	1/4	3,007.19
1/2		1/2		1/2		1/2	5,130.40	1/2	4,775.36	1/2	4,420.25	1/2	4,065.14	1/2	3,710.02	1/2	3,354.91	1/2	2,999.79
3/4		3/4		3/4		3/4	5,123.06	3/4	4,767.96	3/4	4,412.85	3/4	4,057.74	3/4	3,702.62	3/4	3,347.51	3/4	2,992.39
10		10		10		10	5,115.68	10	4,760.56	10	4,405.45	10	4,050.34	10	3,695.22	10	3,340.11	10	2,984.99
1/4		1/4		1/4		1/4	5,108.28	1/4	4,753.17	1/4	4,398.06	1/4	4,042.94	1/4	3,687.83	1/4	3,332.72	1/4	2,977.60
1/2		1/2		1/2		1/2	5,100.88	1/2	4,745.77	1/2	4,390.66	1/2	4,035.54	1/2	3,680.43	1/2	3,325.32	1/2	2,970.20
3/4		3/4		3/4		3/4	5,093.48	3/4	4,738.37	3/4	4,383.26	3/4	4,028.14	3/4	3,673.03	3/4	3,317.92	3/4	2,962.80
11		11		11		11	5,086.08	11	4,730.97	11	4,375.86	11	4,020.74	11	3,665.63	11	3,310.52	11	2,955.40
1/4		1/4		1/4		1/4	5,078.69	1/4	4,723.58	1/4	4,368.46	1/4	4,013.35	1/4	3,658.24	1/4	3,303.12	1/4	2,948.01
1/2		1/2		1/2		1/2	5,071.29	1/2	4,716.18	1/2	4,361.06	1/2	4,005.95	1/2	3,650.84	1/2	3,295.72	1/2	2,940.61
3/4		3/4		3/4		3/4	5,063.89	3/4	4,708.78	3/4	4,353.66	3/4	3,998.55	3/4	3,643.44	3/4	3,288.32	3/4	2,933.21

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-03" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 30006"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,570.70	0	2,215.58	0	1,860.47	0	1,505.35	0	1,150.24	0	795.25	0	440.14	0	85.61	0		0	
1/4	2,563.30	1/4	2,208.19	1/4	1,853.08	1/4	1,497.96	1/4	1,142.85	1/4	787.86	1/4	432.74	1/4	78.24	1/4		1/4	
1/2	2,555.90	1/2	2,200.79	1/2	1,845.68	1/2	1,490.56	1/2	1,135.45	1/2	780.46	1/2	425.34	1/2	70.87	1/2		1/2	
3/4	2,548.50	3/4	2,193.39	3/4	1,838.28	3/4	1,483.16	3/4	1,128.05	3/4	773.06	3/4	417.94	3/4	63.70	3/4		3/4	
1	2,541.10	1	2,185.99	1	1,830.88	1	1,475.76	1	1,120.65	1	765.66	1	410.54	1	56.92	1		1	
1/4	2,533.71	1/4	2,178.60	1/4	1,823.48	1/4	1,468.37	1/4	1,113.26	1/4	758.26	1/4	403.15	1/4	50.33	1/4		1/4	
1/2	2,526.31	1/2	2,171.20	1/2	1,816.08	1/2	1,460.97	1/2	1,105.86	1/2	750.86	1/2	395.75	1/2	43.75	1/2		1/2	
3/4	2,518.91	3/4	2,163.80	3/4	1,808.68	3/4	1,453.57	3/4	1,098.46	3/4	743.46	3/4	388.35	3/4	37.60	3/4		3/4	
2	2,511.51	2	2,156.40	2	1,801.28	2	1,446.17	2	1,091.06	2	736.06	2	380.95	2	32.33	2		2	
1/4	2,504.12	1/4	2,149.00	1/4	1,793.89	1/4	1,438.78	1/4	1,083.66	1/4	728.67	1/4	373.56	1/4	27.50	1/4		1/4	
1/2	2,496.72	1/2	2,141.60	1/2	1,786.49	1/2	1,431.38	1/2	1,076.26	1/2	721.27	1/2	366.16	1/2	22.67	1/2		1/2	
3/4	2,489.32	3/4	2,134.20	3/4	1,779.09	3/4	1,423.98	3/4	1,068.86	3/4	713.87	3/4	358.76	3/4	17.84	3/4		3/4	
3	2,481.92	3	2,126.80	3	1,771.69	3	1,416.58	3	1,061.47	3	706.47	3	351.36	3		3		3	
1/4	2,474.52	1/4	2,119.41	1/4	1,764.30	1/4	1,409.18	1/4	1,054.07	1/4	699.08	1/4	343.96	1/4		1/4		1/4	
1/2	2,467.12	1/2	2,112.01	1/2	1,756.90	1/2	1,401.78	1/2	1,046.68	1/2	691.68	1/2	336.56	1/2		1/2		1/2	
3/4	2,459.72	3/4	2,104.61	3/4	1,749.50	3/4	1,394.38	3/4	1,039.28	3/4	684.28	3/4	329.16	3/4		3/4		3/4	
4	2,452.32	4	2,097.21	4	1,742.10	4	1,386.98	4	1,031.89	4	676.88	4	321.76	4		4		4	
1/4	2,444.93	1/4	2,089.82	1/4	1,734.70	1/4	1,379.59	1/4	1,024.50	1/4	669.48	1/4	314.37	1/4		1/4		1/4	
1/2	2,437.53	1/2	2,082.42	1/2	1,727.30	1/2	1,372.19	1/2	1,017.10	1/2	662.08	1/2	306.97	1/2		1/2		1/2	
3/4	2,430.13	3/4	2,075.02	3/4	1,719.90	3/4	1,364.79	3/4	1,009.71	3/4	654.68	3/4	299.57	3/4		3/4		3/4	
5	2,422.73	5	2,067.62	5	1,712.50	5	1,357.39	5	1,002.32	5	647.28	5	292.17	5		5		5	
1/4	2,415.34	1/4	2,060.22	1/4	1,705.11	1/4	1,350.00	1/4	994.92	1/4	639.89	1/4	284.78	1/4		1/4		1/4	
1/2	2,407.94	1/2	2,052.82	1/2	1,697.71	1/2	1,342.60	1/2	987.53	1/2	632.49	1/2	277.38	1/2		1/2		1/2	
3/4	2,400.54	3/4	2,045.42	3/4	1,690.31	3/4	1,335.20	3/4	980.13	3/4	625.09	3/4	269.98	3/4		3/4		3/4	
6	2,393.14	6	2,038.02	6	1,682.91	6	1,327.80	6	972.74	6	617.69	6	262.58	6		6		6	
1/4	2,385.75	1/4	2,030.63	1/4	1,675.52	1/4	1,320.40	1/4	965.34	1/4	610.30	1/4	255.19	1/4		1/4		1/4	
1/2	2,378.35	1/2	2,023.23	1/2	1,668.12	1/2	1,313.00	1/2	957.95	1/2	602.90	1/2	247.79	1/2		1/2		1/2	
3/4	2,370.95	3/4	2,015.83	3/4	1,660.72	3/4	1,305.60	3/4	950.55	3/4	595.50	3/4	240.40	3/4		3/4		3/4	
7	2,363.55	7	2,008.43	7	1,653.32	7	1,298.20	7	943.16	7	588.10	7	233.02	7		7		7	
1/4	2,356.15	1/4	2,001.04	1/4	1,645.93	1/4	1,290.81	1/4	935.76	1/4	580.71	1/4	225.64	1/4		1/4		1/4	
1/2	2,348.75	1/2	1,993.64	1/2	1,638.53	1/2	1,283.41	1/2	928.37	1/2	573.31	1/2	218.27	1/2		1/2		1/2	
3/4	2,341.35	3/4	1,986.24	3/4	1,631.13	3/4	1,276.01	3/4	920.97	3/4	565.91	3/4	210.89	3/4		3/4		3/4	
8	2,333.95	8	1,978.84	8	1,623.73	8	1,268.61	8	913.58	8	558.51	8	203.52	8		8		8	
1/4	2,326.56	1/4	1,971.45	1/4	1,616.33	1/4	1,261.22	1/4	906.19	1/4	551.11	1/4	196.15	1/4		1/4		1/4	
1/2	2,319.16	1/2	1,964.05	1/2	1,608.93	1/2	1,253.82	1/2	898.79	1/2	543.71	1/2	188.78	1/2		1/2		1/2	
3/4	2,311.76	3/4	1,956.65	3/4	1,601.53	3/4	1,246.42	3/4	891.40	3/4	536.31	3/4	181.41	3/4		3/4		3/4	
9	2,304.36	9	1,949.25	9	1,594.13	9	1,239.02	9	884.01	9	528.91	9	174.04	9		9		9	
1/4	2,296.97	1/4	1,941.85	1/4	1,586.74	1/4	1,231.63	1/4	876.61	1/4	521.52	1/4	166.68	1/4		1/4		1/4	
1/2	2,289.57	1/2	1,934.45	1/2	1,579.34	1/2	1,224.23	1/2	869.22	1/2	514.12	1/2	159.31	1/2		1/2		1/2	
3/4	2,282.17	3/4	1,927.05	3/4	1,571.94	3/4	1,216.83	3/4	861.82	3/4	506.72	3/4	151.94	3/4		3/4		3/4	
10	2,274.77	10	1,919.65	10	1,564.54	10	1,209.43	10	854.43	10	499.32	10	144.57	10		10		10	
1/4	2,267.37	1/4	1,912.26	1/4	1,557.15	1/4	1,202.03	1/4	847.03	1/4	491.93	1/4	137.20	1/4		1/4		1/4	
1/2	2,259.97	1/2	1,904.86	1/2	1,549.75	1/2	1,194.63	1/2	839.64	1/2	484.53	1/2	129.83	1/2		1/2		1/2	
3/4	2,252.57	3/4	1,897.46	3/4	1,542.35	3/4	1,187.23	3/4	832.24	3/4	477.13	3/4	122.46	3/4		3/4		3/4	
11	2,245.17	11	1,890.06	11	1,534.95	11	1,179.83	11	824.84	11	469.73	11	115.09	11		11		11	
1/4	2,237.78	1/4	1,882.67	1/4	1,527.55	1/4	1,172.44	1/4	817.45	1/4	462.34	1/4	107.72	1/4		1/4		1/4	
1/2	2,230.38	1/2	1,875.27	1/2	1,520.15	1/2	1,165.04	1/2	810.05	1/2	454.94	1/2	100.35	1/2		1/2		1/2	
3/4	2,222.98	3/4	1,867.87	3/4	1,512.75	3/4	1,157.64	3/4	802.65	3/4	447.54	3/4	92.98	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2001 ITS
RECALCULATED: 09/07/2018
VERIFIED: 02/08/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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



BARGE "KIRBY 30006"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	4,704.51	0	4,452.71	0	4,200.90	0	3,944.44	0	3,598.23	0	3,245.29	0	2,892.34
1/4		1/4		1/4		1/4	4,699.27	1/4	4,447.46	1/4	4,195.65	1/4	3,938.25	1/4	3,590.87	1/4	3,237.93	1/4	2,884.98
1/2		1/2		1/2		1/2	4,694.02	1/2	4,442.21	1/2	4,190.40	1/2	3,932.05	1/2	3,583.52	1/2	3,230.58	1/2	2,877.63
3/4		3/4		3/4		3/4	4,688.78	3/4	4,436.97	3/4	4,185.16	3/4	3,925.43	3/4	3,576.17	3/4	3,223.23	3/4	2,870.28
1		1		1		1	4,683.53	1	4,431.72	1	4,179.91	1	3,918.81	1	3,568.82	1	3,215.87	1	2,862.93
1/4		1/4		1/4		1/4	4,678.29	1/4	4,426.48	1/4	4,174.67	1/4	3,912.19	1/4	3,561.46	1/4	3,208.52	1/4	2,855.57
1/2		1/2		1/2		1/2	4,673.04	1/2	4,421.23	1/2	4,169.42	1/2	3,905.57	1/2	3,554.11	1/2	3,201.16	1/2	2,848.22
3/4		3/4		3/4		3/4	4,667.79	3/4	4,415.98	3/4	4,164.18	3/4	3,898.54	3/4	3,546.76	3/4	3,193.81	3/4	2,840.87
2		2		2		2	4,662.55	2	4,410.74	2	4,158.93	2	3,891.50	2	3,539.41	2	3,186.46	2	2,833.52
1/4		1/4		1/4		1/4	4,657.30	1/4	4,405.49	1/4	4,153.69	1/4	3,884.47	1/4	3,532.05	1/4	3,179.10	1/4	2,826.16
1/2		1/2		1/2		1/2	4,652.05	1/2	4,400.24	1/2	4,148.44	1/2	3,877.43	1/2	3,524.70	1/2	3,171.75	1/2	2,818.81
3/4		3/4		3/4		3/4	4,646.81	3/4	4,395.00	3/4	4,143.19	3/4	3,870.13	3/4	3,517.35	3/4	3,164.40	3/4	2,811.46
3		3		3		3	4,641.56	3	4,389.75	3	4,137.95	3	3,862.83	3	3,509.99	3	3,157.05	3	2,804.11
1/4		1/4		1/4		1/4	4,636.32	1/4	4,384.51	1/4	4,132.70	1/4	3,855.53	1/4	3,502.64	1/4	3,149.69	1/4	2,796.75
1/2		1/2		1/2		1/2	4,631.07	1/2	4,379.26	1/2	4,127.45	1/2	3,848.23	1/2	3,495.28	1/2	3,142.34	1/2	2,789.40
3/4		3/4		3/4		3/4	4,625.82	3/4	4,374.02	3/4	4,122.21	3/4	3,840.88	3/4	3,487.93	3/4	3,134.99	3/4	2,782.05
4		4		4		4	4,620.58	4	4,368.77	4	4,116.96	4	3,833.53	4	3,480.58	4	3,127.64	4	2,774.69
1/4		1/4		1/4		1/4	4,615.33	1/4	4,363.53	1/4	4,111.72	1/4	3,826.17	1/4	3,473.22	1/4	3,120.28	1/4	2,767.34
1/2		1/2		1/2		1/2	4,610.08	1/2	4,358.28	1/2	4,106.47	1/2	3,818.82	1/2	3,465.87	1/2	3,112.93	1/2	2,759.98
3/4		3/4		3/4		3/4	4,604.84	3/4	4,353.03	3/4	4,101.22	3/4	3,811.47	3/4	3,458.52	3/4	3,105.58	3/4	2,752.63
5		5		5		5	4,599.59	5	4,347.79	5	4,095.98	5	3,804.11	5	3,451.17	5	3,098.23	5	2,745.28
1/4		1/4		1/4		1/4	4,594.35	1/4	4,342.54	1/4	4,090.73	1/4	3,796.76	1/4	3,443.81	1/4	3,090.87	1/4	2,737.92
1/2		1/2		1/2		1/2	4,589.10	1/2	4,337.29	1/2	4,085.48	1/2	3,789.40	1/2	3,436.46	1/2	3,083.52	1/2	2,730.57
3/4		3/4		3/4		3/4	4,583.86	3/4	4,332.05	3/4	4,080.24	3/4	3,782.05	3/4	3,429.11	3/4	3,076.17	3/4	2,723.22
6		6		6		6	4,578.61	6	4,326.80	6	4,074.99	6	3,774.70	6	3,421.76	6	3,068.81	6	2,715.87
1/4		1/4		1/4		1/4	4,573.37	1/4	4,321.56	1/4	4,069.75	1/4	3,767.34	1/4	3,414.40	1/4	3,061.46	1/4	2,708.51
1/2		1/2		1/2		1/2	4,568.12	1/2	4,316.31	1/2	4,064.50	1/2	3,759.99	1/2	3,407.05	1/2	3,054.10	1/2	2,701.16
3/4		3/4		3/4		3/4	4,808.99	3/4	4,562.87	3/4	4,311.06	3/4	4,059.26	3/4	3,752.64	3/4	3,399.70	3/4	3,046.75
7		7		7		7	4,805.06	7	4,557.63	7	4,305.82	7	4,054.01	7	3,745.29	7	3,392.35	7	3,039.40
1/4		1/4		1/4		1/4	4,801.12	1/4	4,552.38	1/4	4,300.57	1/4	4,048.77	1/4	3,737.93	1/4	3,384.99	1/4	3,032.04
1/2		1/2		1/2		1/2	4,797.19	1/2	4,547.13	1/2	4,295.32	1/2	4,043.52	1/2	3,730.58	1/2	3,377.64	1/2	3,024.69
3/4		3/4		3/4		3/4	4,792.38	3/4	4,541.89	3/4	4,290.08	3/4	4,038.27	3/4	3,723.23	3/4	3,370.29	3/4	3,017.34
8		8		8		8	4,787.58	8	4,536.64	8	4,284.83	8	4,033.03	8	3,715.88	8	3,362.93	8	3,009.99
1/4		1/4		1/4		1/4	4,782.77	1/4	4,531.40	1/4	4,279.59	1/4	4,027.78	1/4	3,708.52	1/4	3,355.58	1/4	3,002.63
1/2		1/2		1/2		1/2	4,777.96	1/2	4,526.15	1/2	4,274.34	1/2	4,022.53	1/2	3,701.17	1/2	3,348.22	1/2	2,995.28
3/4		3/4		3/4		3/4	4,772.71	3/4	4,520.90	3/4	4,269.10	3/4	4,017.29	3/4	3,693.82	3/4	3,340.87	3/4	2,987.93
9		9		9		9	4,767.47	9	4,515.66	9	4,263.85	9	4,012.04	9	3,686.47	9	3,333.52	9	2,980.58
1/4		1/4		1/4		1/4	4,762.22	1/4	4,510.41	1/4	4,258.61	1/4	4,006.80	1/4	3,679.11	1/4	3,326.16	1/4	2,973.22
1/2		1/2		1/2		1/2	4,756.97	1/2	4,505.16	1/2	4,253.36	1/2	4,001.55	1/2	3,671.76	1/2	3,318.81	1/2	2,965.87
3/4		3/4		3/4		3/4	4,751.73	3/4	4,499.92	3/4	4,248.11	3/4	3,996.15	3/4	3,664.41	3/4	3,311.46	3/4	2,958.52
10		10		10		10	4,746.48	10	4,494.67	10	4,242.87	10	3,990.74	10	3,657.05	10	3,304.11	10	2,951.17
1/4		1/4		1/4		1/4	4,741.24	1/4	4,489.43	1/4	4,237.62	1/4	3,985.34	1/4	3,649.70	1/4	3,296.75	1/4	2,943.81
1/2		1/2		1/2		1/2	4,735.99	1/2	4,484.18	1/2	4,232.37	1/2	3,979.93	1/2	3,642.34	1/2	3,289.40	1/2	2,936.46
3/4		3/4		3/4		3/4	4,730.74	3/4	4,478.94	3/4	4,227.13	3/4	3,974.16	3/4	3,634.99	3/4	3,282.05	3/4	2,929.11
11		11		11		11	4,725.50	11	4,473.69	11	4,221.88	11	3,968.38	11	3,627.64	11	3,274.70	11	2,921.75
1/4		1/4		1/4		1/4	4,720.25	1/4	4,468.45	1/4	4,216.64	1/4	3,962.61	1/4	3,620.28	1/4	3,267.34	1/4	2,914.40
1/2		1/2		1/2		1/2	4,715.00	1/2	4,463.20	1/2	4,211.39	1/2	3,956.83	1/2	3,612.93	1/2	3,259.99	1/2	2,907.04
3/4		3/4		3/4		3/4	4,709.76	3/4	4,457.95	3/4	4,206.14	3/4	3,950.64	3/4	3,605.58	3/4	3,252.64	3/4	2,899.69

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 11'-03" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 30006"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,539.40	0	2,186.45	0	1,834.44	0	1,482.55	0	1,130.74	0	779.53	0	426.56	0	74.14	0		0	
1/4	2,532.04	1/4	2,179.10	1/4	1,827.11	1/4	1,475.21	1/4	1,123.43	1/4	772.17	1/4	419.21	1/4	66.82	1/4		1/4	
1/2	2,524.69	1/2	2,171.74	1/2	1,819.78	1/2	1,467.88	1/2	1,116.11	1/2	764.82	1/2	411.85	1/2	59.49	1/2		1/2	
3/4	2,517.34	3/4	2,164.39	3/4	1,812.45	3/4	1,460.55	3/4	1,108.80	3/4	757.47	3/4	404.50	3/4	53.05	3/4		3/4	
1	2,509.99	1	2,157.04	1	1,805.12	1	1,453.22	1	1,101.49	1	750.11	1	397.15	1	46.62	1		1	
1/4	2,502.63	1/4	2,149.68	1/4	1,797.78	1/4	1,445.89	1/4	1,094.17	1/4	742.76	1/4	389.79	1/4	40.18	1/4		1/4	
1/2	2,495.28	1/2	2,142.33	1/2	1,790.45	1/2	1,438.56	1/2	1,086.86	1/2	735.40	1/2	382.44	1/2	33.74	1/2		1/2	
3/4	2,487.93	3/4	2,135.00	3/4	1,783.12	3/4	1,431.23	3/4	1,079.55	3/4	728.05	3/4	375.08	3/4	29.14	3/4		3/4	
2	2,480.57	2	2,127.67	2	1,775.79	2	1,423.90	2	1,072.24	2	720.70	2	367.73	2	24.55	2		2	
1/4	2,473.22	1/4	2,120.34	1/4	1,768.46	1/4	1,416.56	1/4	1,064.92	1/4	713.34	1/4	360.37	1/4	19.95	1/4		1/4	
1/2	2,465.86	1/2	2,113.01	1/2	1,761.13	1/2	1,409.23	1/2	1,057.61	1/2	705.99	1/2	353.01	1/2	15.35	1/2		1/2	
3/4	2,458.51	3/4	2,105.68	3/4	1,753.80	3/4	1,401.90	3/4	1,050.30	3/4	698.64	3/4	345.65	3/4		3/4		3/4	
3	2,451.16	3	2,098.35	3	1,746.47	3	1,394.57	3	1,042.99	3	691.29	3	338.30	3		3		3	
1/4	2,443.80	1/4	2,091.02	1/4	1,739.13	1/4	1,387.24	1/4	1,035.68	1/4	683.93	1/4	330.94	1/4		1/4		1/4	
1/2	2,436.45	1/2	2,083.69	1/2	1,731.80	1/2	1,379.91	1/2	1,028.37	1/2	676.58	1/2	323.58	1/2		1/2		1/2	
3/4	2,429.10	3/4	2,076.36	3/4	1,724.47	3/4	1,372.58	3/4	1,021.06	3/4	669.23	3/4	316.22	3/4		3/4		3/4	
4	2,421.75	4	2,069.03	4	1,717.14	4	1,365.25	4	1,013.75	4	661.87	4	308.86	4		4		4	
1/4	2,414.39	1/4	2,061.69	1/4	1,709.81	1/4	1,357.91	1/4	1,006.44	1/4	654.52	1/4	301.50	1/4		1/4		1/4	
1/2	2,407.04	1/2	2,054.36	1/2	1,702.48	1/2	1,350.58	1/2	999.13	1/2	647.16	1/2	294.14	1/2		1/2		1/2	
3/4	2,399.69	3/4	2,047.03	3/4	1,695.15	3/4	1,343.25	3/4	991.82	3/4	639.81	3/4	286.78	3/4		3/4		3/4	
5	2,392.34	5	2,039.70	5	1,687.82	5	1,335.92	5	984.51	5	632.46	5	279.43	5		5		5	
1/4	2,384.98	1/4	2,032.37	1/4	1,680.49	1/4	1,328.59	1/4	977.20	1/4	625.10	1/4	272.07	1/4		1/4		1/4	
1/2	2,377.63	1/2	2,025.04	1/2	1,673.16	1/2	1,321.26	1/2	969.89	1/2	617.75	1/2	264.71	1/2		1/2		1/2	
3/4	2,370.28	3/4	2,017.71	3/4	1,665.83	3/4	1,313.93	3/4	962.58	3/4	610.40	3/4	257.35	3/4		3/4		3/4	
6	2,362.93	6	2,010.38	6	1,658.50	6	1,306.60	6	955.27	6	603.04	6	250.00	6		6		6	
1/4	2,355.57	1/4	2,003.05	1/4	1,651.16	1/4	1,299.27	1/4	947.96	1/4	595.69	1/4	242.64	1/4		1/4		1/4	
1/2	2,348.22	1/2	1,995.72	1/2	1,643.83	1/2	1,291.94	1/2	940.65	1/2	588.33	1/2	235.28	1/2		1/2		1/2	
3/4	2,340.87	3/4	1,988.39	3/4	1,636.50	3/4	1,284.61	3/4	933.34	3/4	580.98	3/4	227.96	3/4		3/4		3/4	
7	2,333.51	7	1,981.06	7	1,629.17	7	1,277.28	7	926.03	7	573.63	7	220.63	7		7		7	
1/4	2,326.16	1/4	1,973.72	1/4	1,621.84	1/4	1,269.95	1/4	918.72	1/4	566.27	1/4	213.31	1/4		1/4		1/4	
1/2	2,318.80	1/2	1,966.39	1/2	1,614.51	1/2	1,262.62	1/2	911.41	1/2	558.92	1/2	205.98	1/2		1/2		1/2	
3/4	2,311.45	3/4	1,959.06	3/4	1,607.18	3/4	1,255.29	3/4	904.10	3/4	551.57	3/4	198.66	3/4		3/4		3/4	
8	2,304.10	8	1,951.73	8	1,599.85	8	1,247.96	8	896.79	8	544.22	8	191.34	8		8		8	
1/4	2,296.74	1/4	1,944.40	1/4	1,592.51	1/4	1,240.63	1/4	889.48	1/4	536.86	1/4	184.01	1/4		1/4		1/4	
1/2	2,289.39	1/2	1,937.07	1/2	1,585.18	1/2	1,233.30	1/2	882.17	1/2	529.51	1/2	176.69	1/2		1/2		1/2	
3/4	2,282.04	3/4	1,929.74	3/4	1,577.85	3/4	1,225.97	3/4	874.86	3/4	522.16	3/4	169.37	3/4		3/4		3/4	
9	2,274.69	9	1,922.41	9	1,570.52	9	1,218.64	9	867.55	9	514.80	9	162.04	9		9		9	
1/4	2,267.33	1/4	1,915.08	1/4	1,563.19	1/4	1,211.31	1/4	860.24	1/4	507.45	1/4	154.72	1/4		1/4		1/4	
1/2	2,259.98	1/2	1,907.75	1/2	1,555.86	1/2	1,203.98	1/2	852.93	1/2	500.09	1/2	147.39	1/2		1/2		1/2	
3/4	2,252.63	3/4	1,900.42	3/4	1,548.53	3/4	1,196.65	3/4	845.61	3/4	492.74	3/4	140.07	3/4		3/4		3/4	
10	2,245.28	10	1,893.09	10	1,541.20	10	1,189.32	10	838.29	10	485.39	10	132.74	10		10		10	
1/4	2,237.92	1/4	1,885.75	1/4	1,533.86	1/4	1,181.99	1/4	830.96	1/4	478.03	1/4	125.42	1/4		1/4		1/4	
1/2	2,230.57	1/2	1,878.42	1/2	1,526.53	1/2	1,174.66	1/2	823.64	1/2	470.68	1/2	118.09	1/2		1/2		1/2	
3/4	2,223.22	3/4	1,871.09	3/4	1,519.20	3/4	1,167.34	3/4	816.29	3/4	463.33	3/4	110.77	3/4		3/4		3/4	
11	2,215.87	11	1,863.76	11	1,511.87	11	1,160.02	11	808.94	11	455.98	11	103.44	11		11		11	
1/4	2,208.51	1/4	1,856.43	1/4	1,504.54	1/4	1,152.69	1/4	801.58	1/4	448.62	1/4	96.12	1/4		1/4		1/4	
1/2	2,201.16	1/2	1,849.10	1/2	1,497.21	1/2	1,145.37	1/2	794.23	1/2	441.27	1/2	88.79	1/2		1/2		1/2	
3/4	2,193.81	3/4	1,841.77	3/4	1,489.88	3/4	1,138.06	3/4	786.88	3/4	433.92	3/4	81.47	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2001 ITS
RECALCULATED: 09/07/2018
VERIFIED: 022/08/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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



BARGE "KIRBY 30006"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	4,713.20	0	4,461.31	0	4,209.42	0	3,952.88	0	3,606.36	0	3,253.07	0	2,899.77
1/4		1/4		1/4		1/4	4,707.96	1/4	4,456.07	1/4	4,204.18	1/4	3,946.69	1/4	3,599.00	1/4	3,245.71	1/4	2,892.41
1/2		1/2		1/2		1/2	4,702.71	1/2	4,450.82	1/2	4,198.93	1/2	3,940.49	1/2	3,591.64	1/2	3,238.35	1/2	2,885.05
3/4		3/4		3/4		3/4	4,697.46	3/4	4,445.57	3/4	4,193.68	3/4	3,933.87	3/4	3,584.28	3/4	3,230.99	3/4	2,877.69
1		1		1		1	4,692.21	1	4,440.32	1	4,188.43	1	3,927.25	1	3,576.92	1	3,223.63	1	2,870.33
1/4		1/4		1/4		1/4	4,686.97	1/4	4,435.08	1/4	4,183.19	1/4	3,920.63	1/4	3,569.56	1/4	3,216.27	1/4	2,862.97
1/2		1/2		1/2		1/2	4,681.72	1/2	4,429.83	1/2	4,177.94	1/2	3,914.01	1/2	3,562.20	1/2	3,208.91	1/2	2,855.61
3/4		3/4		3/4		3/4	4,676.47	3/4	4,424.58	3/4	4,172.69	3/4	3,906.97	3/4	3,554.84	3/4	3,201.55	3/4	2,848.25
2		2		2		2	4,671.22	2	4,419.33	2	4,167.44	2	3,899.92	2	3,547.48	2	3,194.19	2	2,840.89
1/4		1/4		1/4		1/4	4,665.98	1/4	4,414.09	1/4	4,162.20	1/4	3,892.88	1/4	3,540.12	1/4	3,186.83	1/4	2,833.53
1/2		1/2		1/2		1/2	4,660.73	1/2	4,408.84	1/2	4,156.95	1/2	3,885.84	1/2	3,532.76	1/2	3,179.47	1/2	2,826.17
3/4		3/4		3/4		3/4	4,655.48	3/4	4,403.59	3/4	4,151.70	3/4	3,878.53	3/4	3,525.40	3/4	3,172.11	3/4	2,818.81
3		3		3		3	4,650.23	3	4,398.34	3	4,146.45	3	3,871.22	3	3,518.04	3	3,164.74	3	2,811.45
1/4		1/4		1/4		1/4	4,644.99	1/4	4,393.10	1/4	4,141.21	1/4	3,863.92	1/4	3,510.68	1/4	3,157.38	1/4	2,804.09
1/2		1/2		1/2		1/2	4,639.74	1/2	4,387.85	1/2	4,135.96	1/2	3,856.61	1/2	3,503.32	1/2	3,150.02	1/2	2,796.73
3/4		3/4		3/4		3/4	4,634.49	3/4	4,382.60	3/4	4,130.71	3/4	3,849.25	3/4	3,495.96	3/4	3,142.66	3/4	2,789.37
4		4		4		4	4,629.24	4	4,377.35	4	4,125.46	4	3,841.89	4	3,488.60	4	3,135.30	4	2,782.01
1/4		1/4		1/4		1/4	4,624.00	1/4	4,372.11	1/4	4,120.22	1/4	3,834.53	1/4	3,481.24	1/4	3,127.94	1/4	2,774.65
1/2		1/2		1/2		1/2	4,618.75	1/2	4,366.86	1/2	4,114.97	1/2	3,827.17	1/2	3,473.88	1/2	3,120.58	1/2	2,767.29
3/4		3/4		3/4		3/4	4,613.50	3/4	4,361.61	3/4	4,109.72	3/4	3,819.81	3/4	3,466.52	3/4	3,113.22	3/4	2,759.93
5		5		5		5	4,608.25	5	4,356.36	5	4,104.47	5	3,812.45	5	3,459.16	5	3,105.86	5	2,752.57
1/4		1/4		1/4		1/4	4,603.00	1/4	4,351.11	1/4	4,099.23	1/4	3,805.09	1/4	3,451.80	1/4	3,098.50	1/4	2,745.21
1/2		1/2		1/2		1/2	4,597.75	1/2	4,345.86	1/2	4,093.98	1/2	3,797.73	1/2	3,444.44	1/2	3,091.14	1/2	2,737.85
3/4		3/4		3/4		3/4	4,592.50	3/4	4,340.61	3/4	4,088.73	3/4	3,790.37	3/4	3,437.08	3/4	3,083.78	3/4	2,730.49
6		6		6	4,826.25	6	4,587.25	6	4,335.36	6	4,083.48	6	3,783.01	6	3,429.72	6	3,076.42	6	2,723.13
1/4		1/4		1/4	4,824.72	1/4	4,582.01	1/4	4,330.12	1/4	4,078.23	1/4	3,775.65	1/4	3,422.36	1/4	3,069.06	1/4	2,715.77
1/2		1/2		1/2	4,821.66	1/2	4,576.76	1/2	4,324.87	1/2	4,072.98	1/2	3,768.29	1/2	3,415.00	1/2	3,061.70	1/2	2,708.41
3/4		3/4		3/4	4,817.72	3/4	4,571.51	3/4	4,319.62	3/4	4,067.73	3/4	3,760.93	3/4	3,407.64	3/4	3,054.34	3/4	2,701.05
7		7		7	4,813.79	7	4,566.26	7	4,314.37	7	4,062.48	7	3,753.57	7	3,400.27	7	3,046.98	7	2,693.69
1/4		1/4		1/4	4,809.85	1/4	4,561.02	1/4	4,309.13	1/4	4,057.24	1/4	3,746.21	1/4	3,392.91	1/4	3,039.62	1/4	2,686.33
1/2		1/2		1/2	4,805.91	1/2	4,555.77	1/2	4,303.88	1/2	4,051.99	1/2	3,738.85	1/2	3,385.55	1/2	3,032.26	1/2	2,678.97
3/4		3/4		3/4	4,801.10	3/4	4,550.52	3/4	4,298.63	3/4	4,046.74	3/4	3,731.49	3/4	3,378.19	3/4	3,024.90	3/4	2,671.61
8		8		8	4,796.29	8	4,545.27	8	4,293.38	8	4,041.49	8	3,724.13	8	3,370.83	8	3,017.54	8	2,664.24
1/4		1/4		1/4	4,791.48	1/4	4,540.03	1/4	4,288.14	1/4	4,036.25	1/4	3,716.77	1/4	3,363.47	1/4	3,010.18	1/4	2,656.88
1/2		1/2		1/2	4,786.67	1/2	4,534.78	1/2	4,282.89	1/2	4,031.00	1/2	3,709.41	1/2	3,356.11	1/2	3,002.82	1/2	2,649.52
3/4		3/4		3/4	4,781.42	3/4	4,529.53	3/4	4,277.64	3/4	4,025.75	3/4	3,702.05	3/4	3,348.75	3/4	2,995.46	3/4	2,642.16
9		9		9	4,776.18	9	4,524.28	9	4,272.39	9	4,020.50	9	3,694.69	9	3,341.39	9	2,988.10	9	2,634.80
1/4		1/4		1/4	4,770.93	1/4	4,519.04	1/4	4,267.15	1/4	4,015.26	1/4	3,687.33	1/4	3,334.03	1/4	2,980.74	1/4	2,627.44
1/2		1/2		1/2	4,765.68	1/2	4,513.79	1/2	4,261.90	1/2	4,010.01	1/2	3,679.97	1/2	3,326.67	1/2	2,973.38	1/2	2,620.08
3/4		3/4		3/4	4,760.43	3/4	4,508.54	3/4	4,256.65	3/4	4,004.60	3/4	3,672.61	3/4	3,319.31	3/4	2,966.02	3/4	2,612.72
10		10		10	4,755.19	10	4,503.29	10	4,251.40	10	3,999.20	10	3,665.24	10	3,311.95	10	2,958.66	10	2,605.36
1/4		1/4		1/4	4,749.94	1/4	4,498.05	1/4	4,246.16	1/4	3,993.79	1/4	3,657.88	1/4	3,304.59	1/4	2,951.30	1/4	2,598.00
1/2		1/2		1/2	4,744.69	1/2	4,492.80	1/2	4,240.91	1/2	3,988.39	1/2	3,650.52	1/2	3,297.23	1/2	2,943.94	1/2	2,590.64
3/4		3/4		3/4	4,739.44	3/4	4,487.55	3/4	4,235.66	3/4	3,982.61	3/4	3,643.16	3/4	3,289.87	3/4	2,936.58	3/4	2,583.28
11		11		11	4,734.19	11	4,482.30	11	4,230.41	11	3,976.83	11	3,635.80	11	3,282.51	11	2,929.21	11	2,575.92
1/4		1/4		1/4	4,728.95	1/4	4,477.06	1/4	4,225.17	1/4	3,971.06	1/4	3,628.44	1/4	3,275.15	1/4	2,921.85	1/4	2,568.56
1/2		1/2		1/2	4,723.70	1/2	4,471.81	1/2	4,219.92	1/2	3,965.28	1/2	3,621.08	1/2	3,267.79	1/2	2,914.49	1/2	2,561.20
3/4		3/4		3/4	4,718.45	3/4	4,466.56	3/4	4,214.67	3/4	3,959.08	3/4	3,613.72	3/4	3,260.43	3/4	2,907.13	3/4	2,553.84

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 11'-03" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 30006"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,546.48	0	2,193.18	0	1,839.89	0	1,486.60	0	1,133.30	0	780.14	0	426.84	0	74.17	0		0	
1/4	2,539.12	1/4	2,185.82	1/4	1,832.53	1/4	1,479.24	1/4	1,125.94	1/4	772.78	1/4	419.48	1/4	66.84	1/4		1/4	
1/2	2,531.76	1/2	2,178.46	1/2	1,825.17	1/2	1,471.88	1/2	1,118.58	1/2	765.42	1/2	412.12	1/2	59.51	1/2		1/2	
3/4	2,524.40	3/4	2,171.10	3/4	1,817.81	3/4	1,464.52	3/4	1,111.22	3/4	758.06	3/4	404.76	3/4	53.07	3/4		3/4	
1	2,517.04	1	2,163.74	1	1,810.45	1	1,457.15	1	1,103.86	1	750.69	1	397.40	1	46.63	1		1	
1/4	2,509.68	1/4	2,156.38	1/4	1,803.09	1/4	1,449.79	1/4	1,096.50	1/4	743.33	1/4	390.04	1/4	40.19	1/4		1/4	
1/2	2,502.32	1/2	2,149.02	1/2	1,795.73	1/2	1,442.43	1/2	1,089.14	1/2	735.97	1/2	382.68	1/2	33.75	1/2		1/2	
3/4	2,494.96	3/4	2,141.66	3/4	1,788.37	3/4	1,435.07	3/4	1,081.78	3/4	728.61	3/4	375.32	3/4	29.15	3/4		3/4	
2	2,487.60	2	2,134.30	2	1,781.01	2	1,427.71	2	1,074.42	2	721.25	2	367.96	2	24.55	2		2	
1/4	2,480.24	1/4	2,126.94	1/4	1,773.65	1/4	1,420.35	1/4	1,067.06	1/4	713.89	1/4	360.60	1/4	19.95	1/4		1/4	
1/2	2,472.88	1/2	2,119.58	1/2	1,766.29	1/2	1,412.99	1/2	1,059.70	1/2	706.53	1/2	353.24	1/2	15.35	1/2		1/2	
3/4	2,465.52	3/4	2,112.22	3/4	1,758.93	3/4	1,405.63	3/4	1,052.34	3/4	699.17	3/4	345.88	3/4		3/4		3/4	
3	2,458.16	3	2,104.86	3	1,751.57	3	1,398.27	3	1,044.98	3	691.81	3	338.52	3		3		3	
1/4	2,450.80	1/4	2,097.50	1/4	1,744.21	1/4	1,390.91	1/4	1,037.63	1/4	684.45	1/4	331.16	1/4		1/4		1/4	
1/2	2,443.44	1/2	2,090.14	1/2	1,736.85	1/2	1,383.55	1/2	1,030.27	1/2	677.09	1/2	323.80	1/2		1/2		1/2	
3/4	2,436.08	3/4	2,082.78	3/4	1,729.49	3/4	1,376.19	3/4	1,022.91	3/4	669.73	3/4	316.44	3/4		3/4		3/4	
4	2,428.71	4	2,075.42	4	1,722.13	4	1,368.83	4	1,015.56	4	662.37	4	309.08	4		4		4	
1/4	2,421.35	1/4	2,068.06	1/4	1,714.77	1/4	1,361.47	1/4	1,008.20	1/4	655.01	1/4	301.72	1/4		1/4		1/4	
1/2	2,413.99	1/2	2,060.70	1/2	1,707.41	1/2	1,354.11	1/2	1,000.85	1/2	647.65	1/2	294.36	1/2		1/2		1/2	
3/4	2,406.63	3/4	2,053.34	3/4	1,700.05	3/4	1,346.75	3/4	993.49	3/4	640.29	3/4	287.00	3/4		3/4		3/4	
5	2,399.27	5	2,045.98	5	1,692.68	5	1,339.39	5	986.13	5	632.93	5	279.63	5		5		5	
1/4	2,391.91	1/4	2,038.62	1/4	1,685.32	1/4	1,332.03	1/4	978.78	1/4	625.57	1/4	272.27	1/4		1/4		1/4	
1/2	2,384.55	1/2	2,031.26	1/2	1,677.96	1/2	1,324.67	1/2	971.42	1/2	618.21	1/2	264.91	1/2		1/2		1/2	
3/4	2,377.19	3/4	2,023.90	3/4	1,670.60	3/4	1,317.31	3/4	964.06	3/4	610.85	3/4	257.55	3/4		3/4		3/4	
6	2,369.83	6	2,016.54	6	1,663.24	6	1,309.95	6	956.71	6	603.49	6	250.19	6		6		6	
1/4	2,362.47	1/4	2,009.18	1/4	1,655.88	1/4	1,302.59	1/4	949.35	1/4	596.13	1/4	242.83	1/4		1/4		1/4	
1/2	2,355.11	1/2	2,001.82	1/2	1,648.52	1/2	1,295.23	1/2	942.00	1/2	588.77	1/2	235.47	1/2		1/2		1/2	
3/4	2,347.75	3/4	1,994.46	3/4	1,641.16	3/4	1,287.87	3/4	934.64	3/4	581.41	3/4	228.14	3/4		3/4		3/4	
7	2,340.39	7	1,987.10	7	1,633.80	7	1,280.51	7	927.28	7	574.05	7	220.81	7		7		7	
1/4	2,333.03	1/4	1,979.74	1/4	1,626.44	1/4	1,273.15	1/4	919.93	1/4	566.69	1/4	213.48	1/4		1/4		1/4	
1/2	2,325.67	1/2	1,972.38	1/2	1,619.08	1/2	1,265.79	1/2	912.57	1/2	559.33	1/2	206.15	1/2		1/2		1/2	
3/4	2,318.31	3/4	1,965.02	3/4	1,611.72	3/4	1,258.43	3/4	905.21	3/4	551.97	3/4	198.82	3/4		3/4		3/4	
8	2,310.95	8	1,957.66	8	1,604.36	8	1,251.07	8	897.86	8	544.61	8	191.48	8		8		8	
1/4	2,303.59	1/4	1,950.30	1/4	1,597.00	1/4	1,243.71	1/4	890.50	1/4	537.25	1/4	184.15	1/4		1/4		1/4	
1/2	2,296.23	1/2	1,942.94	1/2	1,589.64	1/2	1,236.35	1/2	883.15	1/2	529.89	1/2	176.82	1/2		1/2		1/2	
3/4	2,288.87	3/4	1,935.58	3/4	1,582.28	3/4	1,228.99	3/4	875.79	3/4	522.53	3/4	169.49	3/4		3/4		3/4	
9	2,281.51	9	1,928.21	9	1,574.92	9	1,221.63	9	868.43	9	515.16	9	162.15	9		9		9	
1/4	2,274.15	1/4	1,920.85	1/4	1,567.56	1/4	1,214.27	1/4	861.08	1/4	507.80	1/4	154.82	1/4		1/4		1/4	
1/2	2,266.79	1/2	1,913.49	1/2	1,560.20	1/2	1,206.91	1/2	853.72	1/2	500.44	1/2	147.49	1/2		1/2		1/2	
3/4	2,259.43	3/4	1,906.13	3/4	1,552.84	3/4	1,199.55	3/4	846.36	3/4	493.08	3/4	140.16	3/4		3/4		3/4	
10	2,252.07	10	1,898.77	10	1,545.48	10	1,192.18	10	839.01	10	485.72	10	132.83	10		10		10	
1/4	2,244.71	1/4	1,891.41	1/4	1,538.12	1/4	1,184.82	1/4	831.65	1/4	478.36	1/4	125.50	1/4		1/4		1/4	
1/2	2,237.35	1/2	1,884.05	1/2	1,530.76	1/2	1,177.46	1/2	824.30	1/2	471.00	1/2	118.17	1/2		1/2		1/2	
3/4	2,229.99	3/4	1,876.69	3/4	1,523.40	3/4	1,170.10	3/4	816.94	3/4	463.64	3/4	110.84	3/4		3/4		3/4	
11	2,222.63	11	1,869.33	11	1,516.04	11	1,162.74	11	809.58	11	456.28	11	103.50	11		11		11	
1/4	2,215.27	1/4	1,861.97	1/4	1,508.68	1/4	1,155.38	1/4	802.22	1/4	448.92	1/4	96.17	1/4		1/4		1/4	
1/2	2,207.91	1/2	1,854.61	1/2	1,501.32	1/2	1,148.02	1/2	794.86	1/2	441.56	1/2	88.84	1/2		1/2		1/2	
3/4	2,200.55	3/4	1,847.25	3/4	1,493.96	3/4	1,140.66	3/4	787.50	3/4	434.20	3/4	81.51	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2001 ITS
RECALCULATED: 09/07/2018
VERIFIED: 02/08/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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Pearland, Texas 77588
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