



BARGE "KIRBY 28057"

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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
1 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 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	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 STBD	- 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	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 235'-06"

May 17, 2023

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28057"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	4,211.58	0	3,923.48	0	3,621.19	0	3,304.96	0	2,976.33	0	2,645.33	0	2,314.31		
1/4	1/4	1/4	1/4	1/4	1/4	4,205.69	1/4	3,917.36	1/4	3,614.75	1/4	3,298.24	1/4	2,969.43	1/4	2,638.44	1/4	2,307.41		
1/2	1/2	1/2	1/2	1/2	1/2	4,199.79	1/2	3,911.21	1/2	3,608.28	1/2	3,291.49	1/2	2,962.53	1/2	2,631.54	1/2	2,300.52		
3/4	3/4	3/4	3/4	3/4	3/4	4,193.88	3/4	3,905.06	3/4	3,601.82	3/4	3,284.74	3/4	2,955.64	3/4	2,624.64	3/4	2,293.62		
1	1	1	1	1	1	4,187.98	1	3,898.91	1	3,595.35	1	3,278.00	1	2,948.74	1	2,617.75	1	2,286.72		
1/4	1/4	1/4	1/4	1/4	1/4	4,182.08	1/4	3,892.76	1/4	3,588.89	1/4	3,271.25	1/4	2,941.85	1/4	2,610.85	1/4	2,279.83		
1/2	1/2	1/2	1/2	1/2	1/2	4,176.15	1/2	3,886.59	1/2	3,582.40	1/2	3,264.48	1/2	2,934.95	1/2	2,603.96	1/2	2,272.93		
3/4	3/4	3/4	3/4	3/4	3/4	4,170.23	3/4	3,880.41	3/4	3,575.91	3/4	3,257.70	3/4	2,928.06	3/4	2,597.06	3/4	2,266.03		
2	2	2	2	2	2	4,164.30	2	3,874.24	2	3,569.42	2	3,250.93	2	2,921.16	2	2,590.17	2	2,259.13		
1/4	1/4	1/4	1/4	1/4	1/4	4,158.37	1/4	3,868.06	1/4	3,562.93	1/4	3,244.15	1/4	2,914.26	1/4	2,583.27	1/4	2,252.24		
1/2	1/2	1/2	1/2	1/2	1/2	4,152.42	1/2	3,861.87	1/2	3,556.42	1/2	3,237.36	1/2	2,907.37	1/2	2,576.37	1/2	2,245.34		
3/4	3/4	3/4	3/4	3/4	3/4	4,146.47	3/4	3,855.67	3/4	3,549.92	3/4	3,230.56	3/4	2,900.47	3/4	2,569.48	3/4	2,238.44		
3	3	3	3	3	3	4,140.52	3	3,849.48	3	3,543.41	3	3,223.77	3	2,893.58	3	2,562.58	3	2,231.55		
1/4	1/4	1/4	1/4	1/4	1/4	4,134.56	1/4	3,843.28	1/4	3,536.90	1/4	3,216.98	1/4	2,886.68	1/4	2,555.69	1/4	2,224.65		
1/2	1/2	1/2	1/2	1/2	1/2	4,128.62	1/2	3,837.03	1/2	3,530.36	1/2	3,210.16	1/2	2,879.79	1/2	2,548.79	1/2	2,217.75		
3/4	3/4	3/4	3/4	3/4	3/4	4,122.69	3/4	3,830.78	3/4	3,523.82	3/4	3,203.35	3/4	2,872.89	3/4	2,541.90	3/4	2,210.85		
4	4	4	4	4	4	4,116.75	4	3,824.52	4	3,517.29	4	3,196.53	4	2,865.99	4	2,535.00	4	2,203.96		
1/4	1/4	1/4	1/4	1/4	1/4	4,110.81	1/4	3,818.27	1/4	3,510.75	1/4	3,189.72	1/4	2,859.10	1/4	2,528.10	1/4	2,197.06		
1/2	1/2	1/2	1/2	1/2	1/2	4,104.84	1/2	3,811.99	1/2	3,504.20	1/2	3,182.87	1/2	2,852.20	1/2	2,521.21	1/2	2,190.16		
3/4	3/4	3/4	3/4	3/4	3/4	4,098.88	3/4	3,805.72	3/4	3,497.64	3/4	3,176.03	3/4	2,845.31	3/4	2,514.31	3/4	2,183.27		
5	5	5	5	5	5	4,092.92	5	3,799.44	5	3,491.08	5	3,169.18	5	2,838.41	5	2,507.42	5	2,176.37		
1/4	1/4	1/4	1/4	1/4	1/4	4,086.96	1/4	3,793.16	1/4	3,484.52	1/4	3,162.34	1/4	2,831.52	1/4	2,500.52	1/4	2,169.47		
1/2	1/2	1/2	1/2	1/2	1/2	4,080.97	1/2	3,786.86	1/2	3,477.94	1/2	3,155.48	1/2	2,824.62	1/2	2,493.63	1/2	2,162.58		
3/4	3/4	3/4	3/4	3/4	3/4	4,074.99	3/4	3,780.56	3/4	3,471.35	3/4	3,148.61	3/4	2,817.72	3/4	2,486.73	3/4	2,155.68		
6	6	6	6	6	6	4,069.00	6	3,774.26	6	3,464.76	6	3,141.75	6	2,810.83	6	2,479.83	6	2,148.78		
1/4	1/4	1/4	1/4	1/4	1/4	4,063.01	1/4	3,767.96	1/4	3,458.18	1/4	3,134.89	1/4	2,803.93	1/4	2,472.94	1/4	2,141.88		
1/2	1/2	1/2	1/2	1/2	1/2	4,355.10	1/2	4,057.00	1/2	3,761.63	1/2	3,451.57	1/2	3,128.00	1/2	2,797.04	1/2	2,466.04	1/2	2,134.99
3/4	3/4	3/4	3/4	3/4	3/4	4,349.93	3/4	4,050.99	3/4	3,755.30	3/4	3,444.96	3/4	3,121.11	3/4	2,790.14	3/4	2,459.15	3/4	2,128.09
7	7	7	7	7	7	4,344.75	7	4,044.98	7	3,748.97	7	3,438.36	7	3,114.23	7	2,783.25	7	2,452.25	7	2,121.19
1/4	1/4	1/4	1/4	1/4	1/4	4,339.58	1/4	4,038.97	1/4	3,742.64	1/4	3,431.75	1/4	3,107.34	1/4	2,776.35	1/4	2,445.36	1/4	2,114.30
1/2	1/2	1/2	1/2	1/2	1/2	4,332.68	1/2	4,032.94	1/2	3,736.30	1/2	3,425.13	1/2	3,100.45	1/2	2,769.45	1/2	2,438.46	1/2	2,107.40
3/4	3/4	3/4	3/4	3/4	3/4	4,325.78	3/4	4,026.90	3/4	3,729.95	3/4	3,418.50	3/4	3,093.55	3/4	2,762.56	3/4	2,431.56	3/4	2,100.50
8	8	8	8	8	8	4,318.89	8	4,020.86	8	3,723.60	8	3,411.87	8	3,086.66	8	2,755.66	8	2,424.67	8	2,093.60
1/4	1/4	1/4	1/4	1/4	1/4	4,311.99	1/4	4,014.82	1/4	3,717.25	1/4	3,405.24	1/4	3,079.76	1/4	2,748.77	1/4	2,417.77	1/4	2,086.71
1/2	1/2	1/2	1/2	1/2	1/2	4,305.09	1/2	4,008.77	1/2	3,710.88	1/2	3,398.59	1/2	3,072.87	1/2	2,741.87	1/2	2,410.87	1/2	2,079.81
3/4	3/4	3/4	3/4	3/4	3/4	4,298.20	3/4	4,002.71	3/4	3,704.51	3/4	3,391.93	3/4	3,065.97	3/4	2,734.98	3/4	2,403.97	3/4	2,072.91
9	9	9	9	9	9	4,291.30	9	3,996.65	9	3,698.14	9	3,385.28	9	3,059.07	9	2,728.08	9	2,397.08	9	2,066.02
1/4	1/4	1/4	1/4	1/4	1/4	4,284.40	1/4	3,990.60	1/4	3,691.77	1/4	3,378.62	1/4	3,052.18	1/4	2,721.18	1/4	2,390.18	1/4	2,059.12
1/2	1/2	1/2	1/2	1/2	1/2	4,277.51	1/2	3,984.52	1/2	3,685.37	1/2	3,371.95	1/2	3,045.28	1/2	2,714.29	1/2	2,383.28	1/2	2,052.22
3/4	3/4	3/4	3/4	3/4	3/4	4,270.61	3/4	3,978.44	3/4	3,678.98	3/4	3,365.27	3/4	3,038.39	3/4	2,707.39	3/4	2,376.39	3/4	2,045.32
10	10	10	10	10	10	4,263.71	10	3,972.36	10	3,672.58	10	3,358.60	10	3,031.49	10	2,700.50	10	2,369.49	10	2,038.43
1/4	1/4	1/4	1/4	1/4	1/4	4,256.81	1/4	3,966.28	1/4	3,666.18	1/4	3,351.92	1/4	3,024.60	1/4	2,693.60	1/4	2,362.59	1/4	2,031.53
1/2	1/2	1/2	1/2	1/2	1/2	4,249.92	1/2	3,960.18	1/2	3,659.76	1/2	3,345.22	1/2	3,017.70	1/2	2,686.71	1/2	2,355.69	1/2	2,024.63
3/4	3/4	3/4	3/4	3/4	3/4	4,243.02	3/4	3,954.07	3/4	3,653.34	3/4	3,338.53	3/4	3,010.80	3/4	2,679.81	3/4	2,348.80	3/4	2,017.74
11	11	11	11	11	11	4,236.12	11	3,947.97	11	3,646.93	11	3,331.83	11	3,003.91	11	2,672.91	11	2,341.90	11	2,010.84
1/4	1/4	1/4	1/4	1/4	1/4	4,229.23	1/4	3,941.86	1/4	3,640.51	1/4	3,325.13	1/4	2,997.01	1/4	2,666.02	1/4	2,335.00	1/4	2,003.94
1/2	1/2	1/2	1/2	1/2	1/2	4,223.34	1/2	3,935.73	1/2	3,634.07	1/2	3,318.41	1/2	2,990.12	1/2	2,659.12	1/2	2,328.11	1/2	1,997.04
3/4	3/4	3/4	3/4	3/4	3/4	4,217.46	3/4	3,929.61	3/4	3,627.63	3/4	3,311.68	3/4	2,983.22	3/4	2,652.23	3/4	2,321.21	3/4	1,990.15

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 12'-09" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28057"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,983.25	0	1,652.19	0	1,321.13	0	990.36	0	673.98	0	380.65	0	110.89	0		0		0	
1/4	1,976.35	1/4	1,645.29	1/4	1,314.23	1/4	983.51	1/4	667.61	1/4	374.78	1/4	105.51	1/4		1/4		1/4	
1/2	1,969.46	1/2	1,638.40	1/2	1,307.33	1/2	976.69	1/2	661.29	1/2	368.94	1/2	100.16	1/2		1/2		1/2	
3/4	1,962.56	3/4	1,631.50	3/4	1,300.44	3/4	969.87	3/4	654.96	3/4	363.11	3/4	94.82	3/4		3/4		3/4	
1	1,955.66	1	1,624.60	1	1,293.54	1	963.06	1	648.63	1	357.27	1	89.48	1		1		1	
1/4	1,948.77	1/4	1,617.70	1/4	1,286.64	1/4	956.24	1/4	642.31	1/4	351.43	1/4	84.13	1/4		1/4		1/4	
1/2	1,941.87	1/2	1,610.81	1/2	1,279.75	1/2	949.48	1/2	636.02	1/2	345.64	1/2	78.84	1/2		1/2		1/2	
3/4	1,934.97	3/4	1,603.91	3/4	1,272.85	3/4	942.72	3/4	629.74	3/4	339.85	3/4	73.54	3/4		3/4		3/4	
2	1,928.07	2	1,597.01	2	1,265.95	2	935.96	2	623.45	2	334.06	2	68.24	2		2		2	
1/4	1,921.18	1/4	1,590.12	1/4	1,259.06	1/4	929.20	1/4	617.17	1/4	328.26	1/4	62.94	1/4		1/4		1/4	
1/2	1,914.28	1/2	1,583.22	1/2	1,252.16	1/2	922.49	1/2	610.92	1/2	322.51	1/2	57.68	1/2		1/2		1/2	
3/4	1,907.38	3/4	1,576.32	3/4	1,245.26	3/4	915.77	3/4	604.68	3/4	316.76	3/4	52.42	3/4		3/4		3/4	
3	1,900.49	3	1,569.42	3	1,238.36	3	909.05	3	598.44	3	311.00	3	47.16	3		3		3	
1/4	1,893.59	1/4	1,562.53	1/4	1,231.47	1/4	902.33	1/4	592.19	1/4	305.25	1/4	41.90	1/4		1/4		1/4	
1/2	1,886.69	1/2	1,555.63	1/2	1,224.57	1/2	895.65	1/2	585.99	1/2	299.54	1/2	37.54	1/2		1/2		1/2	
3/4	1,879.79	3/4	1,548.73	3/4	1,217.67	3/4	888.97	3/4	579.79	3/4	293.82	3/4	33.19	3/4		3/4		3/4	
4	1,872.90	4	1,541.84	4	1,210.78	4	882.29	4	573.58	4	288.11	4	28.84	4		4		4	
1/4	1,866.00	1/4	1,534.94	1/4	1,203.88	1/4	875.62	1/4	567.38	1/4	282.40	1/4	24.48	1/4		1/4		1/4	
1/2	1,859.10	1/2	1,528.04	1/2	1,196.98	1/2	868.98	1/2	561.22	1/2	276.73	1/2	21.89	1/2		1/2		1/2	
3/4	1,852.21	3/4	1,521.14	3/4	1,190.08	3/4	862.34	3/4	555.06	3/4	271.06	3/4	19.30	3/4		3/4		3/4	
5	1,845.31	5	1,514.25	5	1,183.19	5	855.70	5	548.89	5	265.39	5	16.71	5		5		5	
1/4	1,838.41	1/4	1,507.35	1/4	1,176.29	1/4	849.06	1/4	542.73	1/4	259.71	1/4	14.12	1/4		1/4		1/4	
1/2	1,831.51	1/2	1,500.45	1/2	1,169.39	1/2	842.47	1/2	536.61	1/2	254.08	1/2		1/2		1/2		1/2	
3/4	1,824.62	3/4	1,493.56	3/4	1,162.50	3/4	835.87	3/4	530.49	3/4	248.46	3/4		3/4		3/4		3/4	
6	1,817.72	6	1,486.66	6	1,155.60	6	829.28	6	524.37	6	242.83	6		6		6		6	
1/4	1,810.82	1/4	1,479.76	1/4	1,148.70	1/4	822.68	1/4	518.25	1/4	237.20	1/4		1/4		1/4		1/4	
1/2	1,803.93	1/2	1,472.87	1/2	1,141.80	1/2	816.12	1/2	512.17	1/2	231.61	1/2		1/2		1/2		1/2	
3/4	1,797.03	3/4	1,465.97	3/4	1,134.91	3/4	809.57	3/4	506.09	3/4	226.02	3/4		3/4		3/4		3/4	
7	1,790.13	7	1,459.07	7	1,128.01	7	803.01	7	500.00	7	220.42	7		7		7		7	
1/4	1,783.23	1/4	1,452.17	1/4	1,121.11	1/4	796.46	1/4	493.92	1/4	214.83	1/4		1/4		1/4		1/4	
1/2	1,776.34	1/2	1,445.28	1/2	1,114.22	1/2	789.94	1/2	487.89	1/2	209.29	1/2		1/2		1/2		1/2	
3/4	1,769.44	3/4	1,438.38	3/4	1,107.32	3/4	783.43	3/4	481.85	3/4	203.74	3/4		3/4		3/4		3/4	
8	1,762.54	8	1,431.48	8	1,100.42	8	776.91	8	475.81	8	198.19	8		8		8		8	
1/4	1,755.65	1/4	1,424.59	1/4	1,093.52	1/4	770.40	1/4	469.77	1/4	192.65	1/4		1/4		1/4		1/4	
1/2	1,748.75	1/2	1,417.69	1/2	1,086.63	1/2	763.92	1/2	463.77	1/2	187.14	1/2		1/2		1/2		1/2	
3/4	1,741.85	3/4	1,410.79	3/4	1,079.73	3/4	757.45	3/4	457.77	3/4	181.63	3/4		3/4		3/4		3/4	
9	1,734.96	9	1,403.89	9	1,072.84	9	750.98	9	451.77	9	176.12	9		9		9		9	
1/4	1,728.06	1/4	1,397.00	1/4	1,065.94	1/4	744.50	1/4	445.77	1/4	170.61	1/4		1/4		1/4		1/4	
1/2	1,721.16	1/2	1,390.10	1/2	1,059.05	1/2	738.05	1/2	439.82	1/2	165.14	1/2		1/2		1/2		1/2	
3/4	1,714.26	3/4	1,383.20	3/4	1,052.17	3/4	731.61	3/4	433.86	3/4	159.68	3/4		3/4		3/4		3/4	
10	1,707.37	10	1,376.31	10	1,045.28	10	725.16	10	427.90	10	154.21	10		10		10		10	
1/4	1,700.47	1/4	1,369.41	1/4	1,038.39	1/4	718.71	1/4	421.95	1/4	148.75	1/4		1/4		1/4		1/4	
1/2	1,693.57	1/2	1,362.51	1/2	1,031.52	1/2	712.30	1/2	416.03	1/2	143.32	1/2		1/2		1/2		1/2	
3/4	1,686.68	3/4	1,355.61	3/4	1,024.64	3/4	705.89	3/4	410.11	3/4	137.89	3/4		3/4		3/4		3/4	
11	1,679.78	11	1,348.72	11	1,017.77	11	699.49	11	404.19	11	132.46	11		11		11		11	
1/4	1,672.88	1/4	1,341.82	1/4	1,010.90	1/4	693.08	1/4	398.28	1/4	127.03	1/4		1/4		1/4		1/4	
1/2	1,665.98	1/2	1,334.92	1/2	1,004.05	1/2	686.71	1/2	392.40	1/2	121.65	1/2		1/2		1/2		1/2	
3/4	1,659.09	3/4	1,328.03	3/4	997.20	3/4	680.34	3/4	386.53	3/4	116.27	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2008 CL - SW
CALCULATED: 03/08/2008 CL
VERIFIED: 05/17/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2023

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



BARGE "KIRBY 28057"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,206.49	0	3,918.62	0	3,616.57	0	3,300.59	0	2,972.22	0	2,641.48	0	2,310.72		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,200.61	1/4	3,912.50	1/4	3,610.13	1/4	3,293.87	1/4	2,965.33	1/4	2,634.59	1/4	2,303.83		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,194.71	1/2	3,906.36	1/2	3,603.67	1/2	3,287.13	1/2	2,958.44	1/2	2,627.70	1/2	2,296.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,188.81	3/4	3,900.22	3/4	3,597.21	3/4	3,280.39	3/4	2,951.55	3/4	2,620.81	3/4	2,290.05		
1		1		1		1	4,182.91	1	3,894.07	1	3,590.75	1	3,273.65	1	2,944.66	1	2,613.92	1	2,283.16		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,177.01	1/4	3,887.93	1/4	3,584.29	1/4	3,266.91	1/4	2,937.77	1/4	2,607.03	1/4	2,276.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,171.09	1/2	3,881.76	1/2	3,577.81	1/2	3,260.14	1/2	2,930.88	1/2	2,600.14	1/2	2,269.37		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,165.17	3/4	3,875.59	3/4	3,571.32	3/4	3,253.37	3/4	2,923.99	3/4	2,593.25	3/4	2,262.48		
2		2		2		2	4,159.25	2	3,869.42	2	3,564.84	2	3,246.60	2	2,917.10	2	2,586.36	2	2,255.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,153.33	1/4	3,863.25	1/4	3,558.36	1/4	3,239.83	1/4	2,910.21	1/4	2,579.47	1/4	2,248.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,147.38	1/2	3,857.06	1/2	3,551.85	1/2	3,233.04	1/2	2,903.32	1/2	2,572.58	1/2	2,241.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,141.44	3/4	3,850.87	3/4	3,545.35	3/4	3,226.25	3/4	2,896.42	3/4	2,565.69	3/4	2,234.91		
3		3		3		3	4,135.49	3	3,844.67	3	3,538.85	3	3,219.46	3	2,889.53	3	2,558.80	3	2,228.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,129.54	1/4	3,838.48	1/4	3,532.34	1/4	3,212.67	1/4	2,882.64	1/4	2,551.91	1/4	2,221.13		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,123.61	1/2	3,832.24	1/2	3,525.81	1/2	3,205.86	1/2	2,875.75	1/2	2,545.02	1/2	2,214.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,117.67	3/4	3,825.99	3/4	3,519.28	3/4	3,199.05	3/4	2,868.86	3/4	2,538.13	3/4	2,207.35		
4		4		4		4	4,111.74	4	3,819.74	4	3,512.75	4	3,192.24	4	2,861.97	4	2,531.24	4	2,200.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,105.80	1/4	3,813.50	1/4	3,506.22	1/4	3,185.43	1/4	2,855.08	1/4	2,524.35	1/4	2,193.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,099.84	1/2	3,807.22	1/2	3,499.67	1/2	3,178.60	1/2	2,848.19	1/2	2,517.46	1/2	2,186.67		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,093.89	3/4	3,800.95	3/4	3,493.11	3/4	3,171.76	3/4	2,841.30	3/4	2,510.57	3/4	2,179.78		
5		5		5		5	4,087.93	5	3,794.68	5	3,486.56	5	3,164.92	5	2,834.41	5	2,503.68	5	2,172.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,081.97	1/4	3,788.40	1/4	3,480.01	1/4	3,158.08	1/4	2,827.52	1/4	2,496.79	1/4	2,166.00		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,075.99	1/2	3,782.11	1/2	3,473.43	1/2	3,151.22	1/2	2,820.63	1/2	2,489.90	1/2	2,159.11		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,070.01	3/4	3,775.81	3/4	3,466.85	3/4	3,144.36	3/4	2,813.74	3/4	2,483.01	3/4	2,152.21		
6		6		6		6	4,064.02	6	3,769.52	6	3,460.26	6	3,137.51	6	2,806.85	6	2,476.12	6	2,145.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,058.04	1/4	3,763.22	1/4	3,453.68	1/4	3,130.65	1/4	2,799.96	1/4	2,469.23	1/4	2,138.43		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,052.04	1/2	3,756.90	1/2	3,447.08	1/2	3,123.77	1/2	2,793.07	1/2	2,462.34	1/2	2,131.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,344.73	3/4	4,046.03	3/4	3,750.58	3/4	3,440.48	3/4	3,116.89	3/4	2,786.18	3/4	2,455.45	3/4	2,124.65
7		7		7		7	4,339.56	7	4,040.03	7	3,744.25	7	3,433.88	7	3,110.01	7	2,779.29	7	2,448.56	7	2,117.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,334.39	1/4	4,034.02	1/4	3,737.93	1/4	3,427.28	1/4	3,103.13	1/4	2,772.40	1/4	2,441.66	1/4	2,110.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,327.50	1/2	4,027.99	1/2	3,731.58	1/2	3,420.66	1/2	3,096.24	1/2	2,765.51	1/2	2,434.77	1/2	2,103.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,320.61	3/4	4,021.96	3/4	3,725.24	3/4	3,414.04	3/4	3,089.35	3/4	2,758.62	3/4	2,427.88	3/4	2,097.08
8		8		8		8	4,313.72	8	4,015.92	8	3,718.90	8	3,407.42	8	3,082.46	8	2,751.73	8	2,420.99	8	2,090.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,306.83	1/4	4,009.89	1/4	3,712.55	1/4	3,400.79	1/4	3,075.57	1/4	2,744.84	1/4	2,414.10	1/4	2,083.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,299.93	1/2	4,003.84	1/2	3,706.19	1/2	3,394.14	1/2	3,068.68	1/2	2,737.95	1/2	2,407.21	1/2	2,076.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,293.04	3/4	3,997.79	3/4	3,699.83	3/4	3,387.49	3/4	3,061.79	3/4	2,731.06	3/4	2,400.31	3/4	2,069.51
9		9		9		9	4,286.15	9	3,991.74	9	3,693.46	9	3,380.84	9	3,054.90	9	2,724.17	9	2,393.42	9	2,062.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,279.26	1/4	3,985.69	1/4	3,687.10	1/4	3,374.19	1/4	3,048.01	1/4	2,717.28	1/4	2,386.53	1/4	2,055.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,272.37	1/2	3,979.61	1/2	3,680.70	1/2	3,367.52	1/2	3,041.12	1/2	2,710.39	1/2	2,379.64	1/2	2,048.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,265.48	3/4	3,973.54	3/4	3,674.31	3/4	3,360.85	3/4	3,034.23	3/4	2,703.50	3/4	2,372.75	3/4	2,041.95
10		10		10		10	4,258.59	10	3,967.47	10	3,667.92	10	3,354.18	10	3,027.34	10	2,696.61	10	2,365.86	10	2,035.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,251.69	1/4	3,961.39	1/4	3,661.52	1/4	3,347.51	1/4	3,020.45	1/4	2,689.72	1/4	2,358.96	1/4	2,028.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,244.80	1/2	3,955.29	1/2	3,655.11	1/2	3,340.82	1/2	3,013.56	1/2	2,682.83	1/2	2,352.07	1/2	2,021.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,237.91	3/4	3,949.19	3/4	3,648.70	3/4	3,334.13	3/4	3,006.67	3/4	2,675.94	3/4	2,345.18	3/4	2,014.38
11		11		11		11	4,231.02	11	3,943.09	11	3,642.29	11	3,327.44	11	2,999.78	11	2,669.04	11	2,338.29	11	2,007.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,224.13	1/4	3,936.99	1/4	3,635.87	1/4	3,320.74	1/4	2,992.89	1/4	2,662.15	1/4	2,331.40	1/4	2,000.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,218.25	1/2	3,930.87	1/2	3,629.44	1/2	3,314.02	1/2	2,986.00	1/2	2,655.26	1/2	2,324.51	1/2	1,993.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,212.37	3/4	3,924.74	3/4	3,623.00	3/4	3,307.31	3/4	2,979.11	3/4	2,648.37	3/4	2,317.61	3/4	1,986.81

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28057"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,979.92	0	1,649.12	0	1,318.32	0	987.89	0	673.44	0	380.35	0	110.80	0		0		0	
1/4	1,973.03	1/4	1,642.23	1/4	1,311.43	1/4	981.08	1/4	667.08	1/4	374.48	1/4	105.42	1/4	1/4		1/4		1/4
1/2	1,966.14	1/2	1,635.34	1/2	1,304.53	1/2	974.30	1/2	660.75	1/2	368.64	1/2	100.08	1/2	1/2		1/2		1/2
3/4	1,959.25	3/4	1,628.44	3/4	1,297.64	3/4	967.53	3/4	654.43	3/4	362.81	3/4	94.74	3/4	3/4		3/4		3/4
1	1,952.35	1	1,621.55	1	1,290.75	1	960.76	1	648.11	1	356.98	1	89.40	1	1		1		1
1/4	1,945.46	1/4	1,614.66	1/4	1,283.86	1/4	953.98	1/4	641.79	1/4	351.15	1/4	84.07	1/4	1/4		1/4		1/4
1/2	1,938.57	1/2	1,607.77	1/2	1,276.97	1/2	947.26	1/2	635.51	1/2	345.36	1/2	78.77	1/2	1/2		1/2		1/2
3/4	1,931.68	3/4	1,600.88	3/4	1,270.08	3/4	940.55	3/4	629.23	3/4	339.57	3/4	73.48	3/4	3/4		3/4		3/4
2	1,924.79	2	1,593.99	2	1,263.18	2	933.83	2	622.95	2	333.79	2	68.18	2	2		2		2
1/4	1,917.90	1/4	1,587.09	1/4	1,256.29	1/4	927.12	1/4	616.67	1/4	328.00	1/4	62.89	1/4	1/4		1/4		1/4
1/2	1,911.00	1/2	1,580.20	1/2	1,249.40	1/2	920.44	1/2	610.43	1/2	322.25	1/2	57.63	1/2	1/2		1/2		1/2
3/4	1,904.11	3/4	1,573.31	3/4	1,242.51	3/4	913.77	3/4	604.19	3/4	316.50	3/4	52.38	3/4	3/4		3/4		3/4
3	1,897.22	3	1,566.42	3	1,235.62	3	907.09	3	597.95	3	310.75	3	47.12	3	3		3		3
1/4	1,890.33	1/4	1,559.53	1/4	1,228.73	1/4	900.41	1/4	591.71	1/4	305.00	1/4	41.86	1/4	1/4		1/4		1/4
1/2	1,883.44	1/2	1,552.64	1/2	1,221.83	1/2	893.78	1/2	585.52	1/2	299.29	1/2	37.51	1/2	1/2		1/2		1/2
3/4	1,876.55	3/4	1,545.74	3/4	1,214.94	3/4	887.15	3/4	579.32	3/4	293.59	3/4	33.16	3/4	3/4		3/4		3/4
4	1,869.65	4	1,538.85	4	1,208.05	4	880.51	4	573.12	4	287.88	4	28.81	4	4		4		4
1/4	1,862.76	1/4	1,531.96	1/4	1,201.16	1/4	873.88	1/4	566.92	1/4	282.18	1/4	24.46	1/4	1/4		1/4		1/4
1/2	1,855.87	1/2	1,525.07	1/2	1,194.27	1/2	867.29	1/2	560.77	1/2	276.51	1/2	21.87	1/2	1/2		1/2		1/2
3/4	1,848.98	3/4	1,518.18	3/4	1,187.38	3/4	860.69	3/4	554.61	3/4	270.84	3/4	19.28	3/4	3/4		3/4		3/4
5	1,842.09	5	1,511.29	5	1,180.48	5	854.10	5	548.45	5	265.17	5	16.69	5	5		5		5
1/4	1,835.20	1/4	1,504.39	1/4	1,173.59	1/4	847.50	1/4	542.29	1/4	259.50	1/4	14.10	1/4	1/4		1/4		1/4
1/2	1,828.30	1/2	1,497.50	1/2	1,166.70	1/2	840.95	1/2	536.18	1/2	253.88	1/2		1/2	1/2		1/2		1/2
3/4	1,821.41	3/4	1,490.61	3/4	1,159.81	3/4	834.40	3/4	530.06	3/4	248.26	3/4		3/4	3/4		3/4		3/4
6	1,814.52	6	1,483.72	6	1,152.92	6	827.85	6	523.95	6	242.63	6		6	6		6		6
1/4	1,807.63	1/4	1,476.83	1/4	1,146.03	1/4	821.30	1/4	517.83	1/4	237.01	1/4		1/4	1/4		1/4		1/4
1/2	1,800.74	1/2	1,469.94	1/2	1,139.13	1/2	814.78	1/2	511.75	1/2	231.42	1/2		1/2	1/2		1/2		1/2
3/4	1,793.85	3/4	1,463.04	3/4	1,132.24	3/4	808.27	3/4	505.68	3/4	225.83	3/4		3/4	3/4		3/4		3/4
7	1,786.95	7	1,456.15	7	1,125.35	7	801.76	7	499.60	7	220.25	7		7	7		7		7
1/4	1,780.06	1/4	1,449.26	1/4	1,118.46	1/4	795.25	1/4	493.53	1/4	214.66	1/4		1/4	1/4		1/4		1/4
1/2	1,773.17	1/2	1,442.37	1/2	1,111.57	1/2	788.78	1/2	487.49	1/2	209.12	1/2		1/2	1/2		1/2		1/2
3/4	1,766.28	3/4	1,435.48	3/4	1,104.68	3/4	782.30	3/4	481.46	3/4	203.58	3/4		3/4	3/4		3/4		3/4
8	1,759.39	8	1,428.59	8	1,097.78	8	775.83	8	475.42	8	198.03	8		8	8		8		8
1/4	1,752.49	1/4	1,421.69	1/4	1,090.89	1/4	769.36	1/4	469.39	1/4	192.49	1/4		1/4	1/4		1/4		1/4
1/2	1,745.60	1/2	1,414.80	1/2	1,084.00	1/2	762.93	1/2	463.40	1/2	186.99	1/2		1/2	1/2		1/2		1/2
3/4	1,738.71	3/4	1,407.91	3/4	1,077.11	3/4	756.50	3/4	457.40	3/4	181.48	3/4		3/4	3/4		3/4		3/4
9	1,731.82	9	1,401.02	9	1,070.22	9	750.07	9	451.41	9	175.98	9		9	9		9		9
1/4	1,724.93	1/4	1,394.13	1/4	1,063.33	1/4	743.64	1/4	445.41	1/4	170.47	1/4		1/4	1/4		1/4		1/4
1/2	1,718.04	1/2	1,387.23	1/2	1,056.45	1/2	737.23	1/2	439.46	1/2	165.01	1/2		1/2	1/2		1/2		1/2
3/4	1,711.14	3/4	1,380.34	3/4	1,049.56	3/4	730.83	3/4	433.51	3/4	159.55	3/4		3/4	3/4		3/4		3/4
10	1,704.25	10	1,373.45	10	1,042.68	10	724.42	10	427.56	10	154.09	10		10	10		10		10
1/4	1,697.36	1/4	1,366.56	1/4	1,035.80	1/4	718.01	1/4	421.61	1/4	148.63	1/4		1/4	1/4		1/4		1/4
1/2	1,690.47	1/2	1,359.67	1/2	1,028.93	1/2	711.64	1/2	415.69	1/2	143.21	1/2		1/2	1/2		1/2		1/2
3/4	1,683.58	3/4	1,352.78	3/4	1,022.07	3/4	705.27	3/4	409.78	3/4	137.78	3/4		3/4	3/4		3/4		3/4
11	1,676.69	11	1,345.88	11	1,015.20	11	698.89	11	403.87	11	132.36	11		11	11		11		11
1/4	1,669.79	1/4	1,338.99	1/4	1,008.33	1/4	692.52	1/4	397.95	1/4	126.93	1/4		1/4	1/4		1/4		1/4
1/2	1,662.90	1/2	1,332.10	1/2	1,001.52	1/2	686.16	1/2	392.08	1/2	121.55	1/2		1/2	1/2		1/2		1/2
3/4	1,656.01	3/4	1,325.21	3/4	994.70	3/4	679.80	3/4	386.21	3/4	116.18	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2008 CL - SW
CALCULATED: 03/08/2008 CL
VERIFIED: 05/17/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2023

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



BARGE "KIRBY 28057"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

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		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
12		12		12		12		12		12		12		12		12		12	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
13		13		13		13		13		13		13		13		13		13	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 12'-09" OFF CENTERLINE AND 43'-09" 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 28057"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,494.20	0	2,106.52	0	1,718.83	0	1,331.14	0	943.46	0	556.63	0	169.36	0		0		0	
1/4	2,486.13	1/4	2,098.44	1/4	1,710.75	1/4	1,323.07	1/4	935.38	1/4	548.56	1/4	161.30	1/4	1/4	1/4		1/4	
1/2	2,478.05	1/2	2,090.36	1/2	1,702.68	1/2	1,314.99	1/2	927.30	1/2	540.50	1/2	153.23	1/2	1/2	1/2		1/2	
3/4	2,469.97	3/4	2,082.29	3/4	1,694.60	3/4	1,306.91	3/4	919.23	3/4	532.43	3/4	145.16	3/4	3/4	3/4		3/4	
1	2,461.90	1	2,074.21	1	1,686.52	1	1,298.84	1	911.15	1	524.36	1	137.09	1	1	1		1	
1/4	2,453.82	1/4	2,066.13	1/4	1,678.45	1/4	1,290.76	1/4	903.07	1/4	516.29	1/4	129.02	1/4	1/4	1/4		1/4	
1/2	2,445.74	1/2	2,058.06	1/2	1,670.37	1/2	1,282.68	1/2	895.01	1/2	508.22	1/2	120.96	1/2	1/2	1/2		1/2	
3/4	2,437.67	3/4	2,049.98	3/4	1,662.29	3/4	1,274.61	3/4	886.94	3/4	500.16	3/4	112.89	3/4	3/4	3/4		3/4	
2	2,429.59	2	2,041.90	2	1,654.22	2	1,266.53	2	878.88	2	492.09	2	104.82	2	2	2		2	
1/4	2,421.51	1/4	2,033.83	1/4	1,646.14	1/4	1,258.45	1/4	870.81	1/4	484.02	1/4	96.75	1/4	1/4	1/4		1/4	
1/2	2,413.44	1/2	2,025.75	1/2	1,638.06	1/2	1,250.38	1/2	862.76	1/2	475.95	1/2	88.68	1/2	1/2	1/2		1/2	
3/4	2,405.36	3/4	2,017.67	3/4	1,629.99	3/4	1,242.30	3/4	854.71	3/4	467.88	3/4	80.61	3/4	3/4	3/4		3/4	
3	2,397.28	3	2,009.60	3	1,621.91	3	1,234.22	3	846.66	3	459.82	3	72.55	3	3	3		3	
1/4	2,389.21	1/4	2,001.52	1/4	1,613.83	1/4	1,226.15	1/4	838.61	1/4	451.75	1/4	64.48	1/4	1/4	1/4		1/4	
1/2	2,381.13	1/2	1,993.44	1/2	1,605.76	1/2	1,218.07	1/2	830.55	1/2	443.68	1/2	57.42	1/2	1/2	1/2		1/2	
3/4	2,373.05	3/4	1,985.37	3/4	1,597.68	3/4	1,209.99	3/4	822.50	3/4	435.61	3/4	50.36	3/4	3/4	3/4		3/4	
4	2,364.97	4	1,977.29	4	1,589.60	4	1,201.92	4	814.45	4	427.54	4	43.30	4	4	4		4	
1/4	2,356.90	1/4	1,969.21	1/4	1,581.53	1/4	1,193.84	1/4	806.40	1/4	419.48	1/4	36.24	1/4	1/4	1/4		1/4	
1/2	2,348.82	1/2	1,961.13	1/2	1,573.45	1/2	1,185.76	1/2	798.34	1/2	411.41	1/2	31.20	1/2	1/2	1/2		1/2	
3/4	2,340.74	3/4	1,953.06	3/4	1,565.37	3/4	1,177.69	3/4	790.29	3/4	403.34	3/4	26.16	3/4	3/4	3/4		3/4	
5	2,332.67	5	1,944.98	5	1,557.29	5	1,169.61	5	782.24	5	395.27	5	21.12	5	5	5		5	
1/4	2,324.59	1/4	1,936.90	1/4	1,549.22	1/4	1,161.53	1/4	774.19	1/4	387.20	1/4	16.08	1/4	1/4	1/4		1/4	
1/2	2,316.51	1/2	1,928.83	1/2	1,541.14	1/2	1,153.45	1/2	766.13	1/2	379.13	1/2		1/2	1/2	1/2		1/2	
3/4	2,308.44	3/4	1,920.75	3/4	1,533.06	3/4	1,145.38	3/4	758.08	3/4	371.07	3/4		3/4	3/4	3/4		3/4	
6	2,300.36	6	1,912.67	6	1,524.99	6	1,137.30	6	750.03	6	363.00	6		6	6	6		6	
1/4	2,292.28	1/4	1,904.60	1/4	1,516.91	1/4	1,129.22	1/4	741.98	1/4	354.93	1/4		1/4	1/4	1/4		1/4	
1/2	2,284.21	1/2	1,896.52	1/2	1,508.83	1/2	1,121.15	1/2	733.93	1/2	346.86	1/2		1/2	1/2	1/2		1/2	
3/4	2,276.13	3/4	1,888.44	3/4	1,500.76	3/4	1,113.07	3/4	725.87	3/4	338.79	3/4		3/4	3/4	3/4		3/4	
7	2,268.05	7	1,880.37	7	1,492.68	7	1,104.99	7	717.82	7	330.73	7		7	7	7		7	
1/4	2,259.98	1/4	1,872.29	1/4	1,484.60	1/4	1,096.92	1/4	709.77	1/4	322.66	1/4		1/4	1/4	1/4		1/4	
1/2	2,251.90	1/2	1,864.21	1/2	1,476.53	1/2	1,088.84	1/2	701.72	1/2	314.59	1/2		1/2	1/2	1/2		1/2	
3/4	2,243.82	3/4	1,856.14	3/4	1,468.45	3/4	1,080.76	3/4	693.66	3/4	306.52	3/4		3/4	3/4	3/4		3/4	
8	2,235.75	8	1,848.06	8	1,460.37	8	1,072.69	8	685.61	8	298.45	8		8	8	8		8	
1/4	2,227.67	1/4	1,839.98	1/4	1,452.30	1/4	1,064.61	1/4	677.56	1/4	290.39	1/4		1/4	1/4	1/4		1/4	
1/2	2,219.59	1/2	1,831.91	1/2	1,444.22	1/2	1,056.53	1/2	669.51	1/2	282.32	1/2		1/2	1/2	1/2		1/2	
3/4	2,211.52	3/4	1,823.83	3/4	1,436.14	3/4	1,048.46	3/4	661.45	3/4	274.25	3/4		3/4	3/4	3/4		3/4	
9	2,203.44	9	1,815.75	9	1,428.07	9	1,040.38	9	653.40	9	266.18	9		9	9	9		9	
1/4	2,195.36	1/4	1,807.68	1/4	1,419.99	1/4	1,032.30	1/4	645.35	1/4	258.11	1/4		1/4	1/4	1/4		1/4	
1/2	2,187.29	1/2	1,799.60	1/2	1,411.91	1/2	1,024.23	1/2	637.29	1/2	250.04	1/2		1/2	1/2	1/2		1/2	
3/4	2,179.21	3/4	1,791.52	3/4	1,403.84	3/4	1,016.15	3/4	629.23	3/4	241.98	3/4		3/4	3/4	3/4		3/4	
10	2,171.13	10	1,783.45	10	1,395.76	10	1,008.07	10	621.17	10	233.91	10		10	10	10		10	
1/4	2,163.05	1/4	1,775.37	1/4	1,387.68	1/4	1,000.00	1/4	613.11	1/4	225.84	1/4		1/4	1/4	1/4		1/4	
1/2	2,154.98	1/2	1,767.29	1/2	1,379.61	1/2	991.92	1/2	605.04	1/2	217.77	1/2		1/2	1/2	1/2		1/2	
3/4	2,146.90	3/4	1,759.21	3/4	1,371.53	3/4	983.84	3/4	596.97	3/4	209.70	3/4		3/4	3/4	3/4		3/4	
11	2,138.82	11	1,751.14	11	1,363.45	11	975.77	11	588.91	11	201.64	11		11	11	11		11	
1/4	2,130.75	1/4	1,743.06	1/4	1,355.37	1/4	967.69	1/4	580.84	1/4	193.57	1/4		1/4	1/4	1/4		1/4	
1/2	2,122.67	1/2	1,734.98	1/2	1,347.30	1/2	959.61	1/2	572.77	1/2	185.50	1/2		1/2	1/2	1/2		1/2	
3/4	2,114.59	3/4	1,726.91	3/4	1,339.22	3/4	951.53	3/4	564.70	3/4	177.43	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2008 CL - SW
CALCULATED: 03/08/2008 CL
VERIFIED: 05/17/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2023

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



BARGE "KIRBY 28057"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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 12'-09" OFF CENTERLINE AND 43'-09" 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 28057"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,490.23	0	2,102.26	0	1,714.29	0	1,326.32	0	938.65	0	565.74	0	178.12	0		0		0	
1/4	2,482.15	1/4	2,094.18	1/4	1,706.21	1/4	1,318.24	1/4	930.72	1/4	557.81	1/4	170.04	1/4	1/4	1/4		1/4	
1/2	2,474.06	1/2	2,086.09	1/2	1,698.12	1/2	1,310.15	1/2	922.79	1/2	549.88	1/2	161.95	1/2	1/2	1/2		1/2	
3/4	2,465.98	3/4	2,078.01	3/4	1,690.04	3/4	1,302.07	3/4	915.02	3/4	541.80	3/4	153.87	3/4	3/4	3/4		3/4	
1	2,457.90	1	2,069.93	1	1,681.96	1	1,293.99	1	907.25	1	533.72	1	145.79	1	1	1		1	
1/4	2,449.81	1/4	2,061.85	1/4	1,673.88	1/4	1,285.91	1/4	899.47	1/4	525.64	1/4	137.71	1/4	1/4	1/4		1/4	
1/2	2,441.73	1/2	2,053.76	1/2	1,665.79	1/2	1,277.82	1/2	891.70	1/2	517.55	1/2	129.63	1/2	1/2	1/2		1/2	
3/4	2,433.65	3/4	2,045.68	3/4	1,657.71	3/4	1,269.74	3/4	883.94	3/4	509.47	3/4	121.55	3/4	3/4	3/4		3/4	
2	2,425.57	2	2,037.60	2	1,649.63	2	1,261.66	2	876.18	2	501.39	2	113.46	2	2	2		2	
1/4	2,417.48	1/4	2,029.51	1/4	1,641.54	1/4	1,253.58	1/4	868.42	1/4	493.31	1/4	105.38	1/4	1/4	1/4		1/4	
1/2	2,409.40	1/2	2,021.43	1/2	1,633.46	1/2	1,245.49	1/2	860.66	1/2	485.23	1/2	97.30	1/2	1/2	1/2		1/2	
3/4	2,401.32	3/4	2,013.35	3/4	1,625.38	3/4	1,237.41	3/4	852.91	3/4	477.14	3/4	89.22	3/4	3/4	3/4		3/4	
3	2,393.24	3	2,005.27	3	1,617.30	3	1,229.33	3	845.16	3	469.06	3	81.14	3	3	3		3	
1/4	2,385.15	1/4	1,997.18	1/4	1,609.21	1/4	1,221.24	1/4	837.41	1/4	460.98	1/4	73.05	1/4	1/4	1/4		1/4	
1/2	2,377.07	1/2	1,989.10	1/2	1,601.13	1/2	1,213.16	1/2	829.67	1/2	452.90	1/2	64.97	1/2	1/2	1/2		1/2	
3/4	2,368.99	3/4	1,981.02	3/4	1,593.05	3/4	1,205.08	3/4	821.92	3/4	444.82	3/4	57.90	3/4	3/4	3/4		3/4	
4	2,360.91	4	1,972.94	4	1,584.97	4	1,197.00	4	814.17	4	436.74	4	50.83	4	4	4		4	
1/4	2,352.82	1/4	1,964.85	1/4	1,576.88	1/4	1,188.91	1/4	806.42	1/4	428.65	1/4	43.75	1/4	1/4	1/4		1/4	
1/2	2,344.74	1/2	1,956.77	1/2	1,568.80	1/2	1,180.83	1/2	798.67	1/2	420.57	1/2	36.68	1/2	1/2	1/2		1/2	
3/4	2,336.66	3/4	1,948.69	3/4	1,560.72	3/4	1,172.75	3/4	790.92	3/4	412.49	3/4	31.63	3/4	3/4	3/4		3/4	
5	2,328.57	5	1,940.60	5	1,552.64	5	1,164.67	5	783.17	5	404.41	5	26.58	5	5	5		5	
1/4	2,320.49	1/4	1,932.52	1/4	1,544.55	1/4	1,156.58	1/4	775.42	1/4	396.33	1/4	21.53	1/4	1/4	1/4		1/4	
1/2	2,312.41	1/2	1,924.44	1/2	1,536.47	1/2	1,148.50	1/2	767.67	1/2	388.24	1/2	16.47	1/2	1/2	1/2		1/2	
3/4	2,304.33	3/4	1,916.36	3/4	1,528.39	3/4	1,140.42	3/4	759.93	3/4	380.16	3/4		3/4	3/4	3/4		3/4	
6	2,296.24	6	1,908.27	6	1,520.30	6	1,132.33	6	752.18	6	372.08	6		6	6	6		6	
1/4	2,288.16	1/4	1,900.19	1/4	1,512.22	1/4	1,124.25	1/4	744.43	1/4	364.00	1/4		1/4	1/4	1/4		1/4	
1/2	2,280.08	1/2	1,892.11	1/2	1,504.14	1/2	1,116.17	1/2	736.68	1/2	355.92	1/2		1/2	1/2	1/2		1/2	
3/4	2,272.00	3/4	1,884.03	3/4	1,496.06	3/4	1,108.09	3/4	728.93	3/4	347.84	3/4		3/4	3/4	3/4		3/4	
7	2,263.91	7	1,875.94	7	1,487.97	7	1,100.00	7	721.18	7	339.75	7		7	7	7		7	
1/4	2,255.83	1/4	1,867.86	1/4	1,479.89	1/4	1,091.92	1/4	713.43	1/4	331.67	1/4		1/4	1/4	1/4		1/4	
1/2	2,247.75	1/2	1,859.78	1/2	1,471.81	1/2	1,083.84	1/2	705.68	1/2	323.59	1/2		1/2	1/2	1/2		1/2	
3/4	2,239.66	3/4	1,851.70	3/4	1,463.73	3/4	1,075.76	3/4	697.94	3/4	315.51	3/4		3/4	3/4	3/4		3/4	
8	2,231.58	8	1,843.61	8	1,455.64	8	1,067.67	8	690.19	8	307.43	8		8	8	8		8	
1/4	2,223.50	1/4	1,835.53	1/4	1,447.56	1/4	1,059.59	1/4	682.44	1/4	299.34	1/4		1/4	1/4	1/4		1/4	
1/2	2,215.42	1/2	1,827.45	1/2	1,439.48	1/2	1,051.51	1/2	674.70	1/2	291.26	1/2		1/2	1/2	1/2		1/2	
3/4	2,207.33	3/4	1,819.36	3/4	1,431.39	3/4	1,043.43	3/4	666.95	3/4	283.18	3/4		3/4	3/4	3/4		3/4	
9	2,199.25	9	1,811.28	9	1,423.31	9	1,035.34	9	659.20	9	275.10	9		9	9	9		9	
1/4	2,191.17	1/4	1,803.20	1/4	1,415.23	1/4	1,027.26	1/4	651.46	1/4	267.02	1/4		1/4	1/4	1/4		1/4	
1/2	2,183.09	1/2	1,795.12	1/2	1,407.15	1/2	1,019.18	1/2	643.71	1/2	258.94	1/2		1/2	1/2	1/2		1/2	
3/4	2,175.00	3/4	1,787.03	3/4	1,399.06	3/4	1,011.09	3/4	635.95	3/4	250.85	3/4		3/4	3/4	3/4		3/4	
10	2,166.92	10	1,778.95	10	1,390.98	10	1,003.01	10	628.20	10	242.77	10		10	10	10		10	
1/4	2,158.84	1/4	1,770.87	1/4	1,382.90	1/4	994.93	1/4	620.44	1/4	234.69	1/4		1/4	1/4	1/4		1/4	
1/2	2,150.76	1/2	1,762.79	1/2	1,374.82	1/2	986.85	1/2	612.68	1/2	226.61	1/2		1/2	1/2	1/2		1/2	
3/4	2,142.67	3/4	1,754.70	3/4	1,366.73	3/4	978.76	3/4	604.91	3/4	218.53	3/4		3/4	3/4	3/4		3/4	
11	2,134.59	11	1,746.62	11	1,358.65	11	970.68	11	597.14	11	210.45	11		11	11	11		11	
1/4	2,126.51	1/4	1,738.54	1/4	1,350.57	1/4	962.60	1/4	589.37	1/4	202.36	1/4		1/4	1/4	1/4		1/4	
1/2	2,118.42	1/2	1,730.45	1/2	1,342.49	1/2	954.52	1/2	581.60	1/2	194.28	1/2		1/2	1/2	1/2		1/2	
3/4	2,110.34	3/4	1,722.37	3/4	1,334.40	3/4	946.59	3/4	573.67	3/4	186.20	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2008 CL - SW
CALCULATED: 03/08/2008 CL
VERIFIED: 05/17/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2023

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



BARGE "KIRBY 28057"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

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		
							4,501.23		4,245.34		3,976.68		3,695.54		3,401.56		3,046.50		2,685.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,496.00	1/4	4,239.90	1/4	3,970.96	1/4	3,689.56	1/4	3,395.01	1/4	3,038.98	1/4	2,677.91		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,490.75	1/2	4,234.44	1/2	3,965.21	1/2	3,683.57	1/2	3,388.19	1/2	3,031.46	1/2	2,670.38		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,485.50	3/4	4,228.98	3/4	3,959.46	3/4	3,677.57	3/4	3,381.36	3/4	3,023.94	3/4	2,662.86		
1	1	1	1	1	1	1	4,480.25	1	4,223.52	1	3,953.71	1	3,671.57	1	3,374.54	1	3,016.41	1	2,655.34		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,475.00	1/4	4,218.06	1/4	3,947.96	1/4	3,665.58	1/4	3,367.71	1/4	3,008.89	1/4	2,647.81		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,469.73	1/2	4,212.58	1/2	3,942.19	1/2	3,659.55	1/2	3,360.60	1/2	3,001.37	1/2	2,640.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,464.46	3/4	4,207.10	3/4	3,936.43	3/4	3,653.53	3/4	3,353.50	3/4	2,993.85	3/4	2,632.77		
2	2	2	2	2	2	2	4,459.20	2	4,201.62	2	3,930.66	2	3,647.50	2	3,346.40	2	2,986.33	2	2,625.24		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,453.93	1/4	4,196.13	1/4	3,924.89	1/4	3,641.48	1/4	3,339.29	1/4	2,978.81	1/4	2,617.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,448.64	1/2	4,190.63	1/2	3,919.10	1/2	3,635.44	1/2	3,331.91	1/2	2,971.28	1/2	2,610.20		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,443.34	3/4	4,185.13	3/4	3,913.32	3/4	3,629.40	3/4	3,324.53	3/4	2,963.76	3/4	2,602.67		
3	3	3	3	3	3	3	4,438.05	3	4,179.63	3	3,907.53	3	3,623.36	3	3,317.14	3	2,956.24	3	2,595.15		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,432.76	1/4	4,174.13	1/4	3,901.74	1/4	3,617.32	1/4	3,309.76	1/4	2,948.72	1/4	2,587.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,427.49	1/2	4,168.57	1/2	3,895.93	1/2	3,611.26	1/2	3,302.24	1/2	2,941.20	1/2	2,580.10		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,422.21	3/4	4,163.01	3/4	3,890.12	3/4	3,605.20	3/4	3,294.72	3/4	2,933.68	3/4	2,572.58		
4	4	4	4	4	4	4	4,416.94	4	4,157.45	4	3,884.31	4	3,599.14	4	3,287.20	4	2,926.15	4	2,565.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,411.66	1/4	4,151.89	1/4	3,878.50	1/4	3,593.09	1/4	3,279.67	1/4	2,918.63	1/4	2,557.53		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,406.37	1/2	4,146.31	1/2	3,872.67	1/2	3,587.00	1/2	3,272.15	1/2	2,911.11	1/2	2,550.01		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,401.08	3/4	4,140.73	3/4	3,866.84	3/4	3,580.92	3/4	3,264.63	3/4	2,903.59	3/4	2,542.49		
5	5	5	5	5	5	5	4,395.79	5	4,135.15	5	3,861.01	5	3,574.83	5	3,257.11	5	2,896.07	5	2,534.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,390.49	1/4	4,129.57	1/4	3,855.18	1/4	3,568.75	1/4	3,249.59	1/4	2,888.55	1/4	2,527.44		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,385.18	1/2	4,123.97	1/2	3,849.32	1/2	3,562.64	1/2	3,242.07	1/2	2,881.02	1/2	2,519.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,379.86	3/4	4,118.37	3/4	3,843.47	3/4	3,556.54	3/4	3,234.54	3/4	2,873.50	3/4	2,512.39		
6	6	6	6	6	6	6	4,374.54	6	4,112.77	6	3,837.61	6	3,550.44	6	3,227.02	6	2,865.98	6	2,504.87		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,369.23	1/4	4,107.16	1/4	3,831.76	1/4	3,544.34	1/4	3,219.50	1/4	2,858.46	1/4	2,497.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,363.89	1/2	4,101.54	1/2	3,825.88	1/2	3,538.22	1/2	3,211.98	1/2	2,850.94	1/2	2,489.82		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,358.55	3/4	4,095.91	3/4	3,820.01	3/4	3,532.10	3/4	3,204.46	3/4	2,843.42	3/4	2,482.30		
7	7	7	7	7	7	7	4,624.23	7	4,353.22	7	4,090.28	7	3,814.14	7	3,525.98	7	3,196.94	7	2,835.89	7	2,474.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,615.03	1/4	4,347.88	1/4	4,084.66	1/4	3,808.27	1/4	3,519.86	1/4	3,189.41	1/4	2,828.37	1/4	2,467.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,608.90	1/2	4,342.52	1/2	4,079.01	1/2	3,802.37	1/2	3,513.73	1/2	3,181.89	1/2	2,820.85	1/2	2,459.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,602.77	3/4	4,337.16	3/4	4,073.37	3/4	3,796.48	3/4	3,507.59	3/4	3,174.37	3/4	2,813.33	3/4	2,452.21
8	8	8	8	8	8	8	4,596.64	8	4,331.80	8	4,067.73	8	3,790.59	8	3,501.46	8	3,166.85	8	2,805.80	8	2,444.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,590.50	1/4	4,326.44	1/4	4,062.08	1/4	3,784.70	1/4	3,495.33	1/4	3,159.33	1/4	2,798.28	1/4	2,437.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,584.37	1/2	4,321.06	1/2	4,056.42	1/2	3,778.78	1/2	3,489.20	1/2	3,151.80	1/2	2,790.76	1/2	2,429.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,578.24	3/4	4,315.69	3/4	4,050.76	3/4	3,772.86	3/4	3,483.07	3/4	3,144.28	3/4	2,783.23	3/4	2,422.11
9	9	9	9	9	9	9	4,572.11	9	4,310.31	9	4,045.09	9	3,766.95	9	3,476.94	9	3,136.76	9	2,775.71	9	2,414.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,565.98	1/4	4,304.93	1/4	4,039.43	1/4	3,761.03	1/4	3,470.81	1/4	3,129.24	1/4	2,768.19	1/4	2,407.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,559.84	1/2	4,299.53	1/2	4,033.74	1/2	3,755.10	1/2	3,464.68	1/2	3,121.72	1/2	2,760.66	1/2	2,399.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,553.71	3/4	4,294.14	3/4	4,028.06	3/4	3,749.16	3/4	3,458.55	3/4	3,114.20	3/4	2,753.14	3/4	2,392.02
10	10	10	10	10	10	10	4,547.58	10	4,288.74	10	4,022.37	10	3,743.23	10	3,452.42	10	3,106.67	10	2,745.62	10	2,384.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,541.45	1/4	4,283.34	1/4	4,016.68	1/4	3,737.29	1/4	3,446.29	1/4	3,099.15	1/4	2,738.09	1/4	2,376.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,535.32	1/2	4,277.92	1/2	4,010.97	1/2	3,731.34	1/2	3,440.02	1/2	3,091.63	1/2	2,730.57	1/2	2,369.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,529.18	3/4	4,272.50	3/4	4,005.27	3/4	3,725.38	3/4	3,433.75	3/4	3,084.11	3/4	2,723.05	3/4	2,361.93
11	11	11	11	11	11	11	4,523.05	11	4,267.08	11	3,999.56	11	3,719.43	11	3,427.48	11	3,076.59	11	2,715.52	11	2,354.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,516.92	1/4	4,261.66	1/4	3,993.86	1/4	3,713.47	1/4	3,421.21	1/4	3,069.07	1/4	2,708.00	1/4	2,346.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,511.69	1/2	4,256.22	1/2	3,988.13	1/2	3,707.50	1/2	3,414.66	1/2	3,061.54	1/2	2,700.48	1/2	2,339.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,506.46	3/4	4,250.78	3/4	3,982.41	3/4	3,701.52	3/4	3,408.11	3/4	3,054.02	3/4	2,692.95	3/4	2,331.83

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 12'-09" OFF CENTERLINE AND 41'-03" 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 28057"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,324.31	0	1,963.19	0	1,602.07	0	1,240.96	0	880.61	0	519.53	0	158.43	0		0		0	
1/4	2,316.79	1/4	1,955.67	1/4	1,594.55	1/4	1,233.43	1/4	873.11	1/4	512.01	1/4	150.91	1/4	1/4	1/4		1/4	
1/2	2,309.26	1/2	1,948.15	1/2	1,587.03	1/2	1,225.91	1/2	865.59	1/2	504.49	1/2	143.38	1/2	1/2	1/2		1/2	
3/4	2,301.74	3/4	1,940.62	3/4	1,579.50	3/4	1,218.39	3/4	858.07	3/4	496.96	3/4	135.86	3/4	3/4	3/4		3/4	
1	2,294.22	1	1,933.10	1	1,571.98	1	1,210.86	1	850.54	1	489.44	1	128.34	1	1	1		1	
1/4	2,286.69	1/4	1,925.58	1/4	1,564.46	1/4	1,203.34	1/4	843.02	1/4	481.92	1/4	120.81	1/4	1/4	1/4		1/4	
1/2	2,279.17	1/2	1,918.05	1/2	1,556.93	1/2	1,195.82	1/2	835.50	1/2	474.39	1/2	113.29	1/2	1/2	1/2		1/2	
3/4	2,271.65	3/4	1,910.53	3/4	1,549.41	3/4	1,188.29	3/4	827.98	3/4	466.87	3/4	105.77	3/4	3/4	3/4		3/4	
2	2,264.12	2	1,903.01	2	1,541.89	2	1,180.77	2	820.45	2	459.35	2	98.24	2	2	2		2	
1/4	2,256.60	1/4	1,895.48	1/4	1,534.36	1/4	1,173.25	1/4	812.93	1/4	451.83	1/4	90.72	1/4	1/4	1/4		1/4	
1/2	2,249.08	1/2	1,887.96	1/2	1,526.84	1/2	1,165.72	1/2	805.41	1/2	444.30	1/2	83.20	1/2	1/2	1/2		1/2	
3/4	2,241.55	3/4	1,880.44	3/4	1,519.32	3/4	1,158.20	3/4	797.88	3/4	436.78	3/4	75.68	3/4	3/4	3/4		3/4	
3	2,234.03	3	1,872.91	3	1,511.79	3	1,150.68	3	790.36	3	429.26	3	68.15	3	3	3		3	
1/4	2,226.51	1/4	1,865.39	1/4	1,504.27	1/4	1,143.15	1/4	782.84	1/4	421.73	1/4	60.63	1/4	1/4	1/4		1/4	
1/2	2,218.98	1/2	1,857.87	1/2	1,496.75	1/2	1,135.63	1/2	775.31	1/2	414.21	1/2	54.05	1/2	1/2	1/2		1/2	
3/4	2,211.46	3/4	1,850.34	3/4	1,489.22	3/4	1,128.11	3/4	767.79	3/4	406.69	3/4	47.46	3/4	3/4	3/4		3/4	
4	2,203.94	4	1,842.82	4	1,481.70	4	1,120.58	4	760.27	4	399.16	4	40.88	4	4	4		4	
1/4	2,196.41	1/4	1,835.30	1/4	1,474.18	1/4	1,113.06	1/4	752.75	1/4	391.64	1/4	34.30	1/4	1/4	1/4		1/4	
1/2	2,188.89	1/2	1,827.77	1/2	1,466.65	1/2	1,105.56	1/2	745.22	1/2	384.12	1/2	29.60	1/2	1/2	1/2		1/2	
3/4	2,181.37	3/4	1,820.25	3/4	1,459.13	3/4	1,098.06	3/4	737.70	3/4	376.60	3/4	24.89	3/4	3/4	3/4		3/4	
5	2,173.84	5	1,812.73	5	1,451.61	5	1,090.56	5	730.18	5	369.07	5	20.19	5	5	5		5	
1/4	2,166.32	1/4	1,805.20	1/4	1,444.08	1/4	1,083.07	1/4	722.65	1/4	361.55	1/4	15.49	1/4	1/4	1/4		1/4	
1/2	2,158.80	1/2	1,797.68	1/2	1,436.56	1/2	1,075.57	1/2	715.13	1/2	354.03	1/2		1/2	1/2	1/2		1/2	
3/4	2,151.27	3/4	1,790.16	3/4	1,429.04	3/4	1,068.07	3/4	707.61	3/4	346.50	3/4		3/4	3/4	3/4		3/4	
6	2,143.75	6	1,782.63	6	1,421.51	6	1,060.57	6	700.08	6	338.98	6		6	6	6		6	
1/4	2,136.23	1/4	1,775.11	1/4	1,413.99	1/4	1,053.07	1/4	692.56	1/4	331.46	1/4		1/4	1/4	1/4		1/4	
1/2	2,128.70	1/2	1,767.59	1/2	1,406.47	1/2	1,045.57	1/2	685.04	1/2	323.93	1/2		1/2	1/2	1/2		1/2	
3/4	2,121.18	3/4	1,760.06	3/4	1,398.94	3/4	1,038.08	3/4	677.52	3/4	316.41	3/4		3/4	3/4	3/4		3/4	
7	2,113.66	7	1,752.54	7	1,391.42	7	1,030.58	7	669.99	7	308.89	7		7	7	7		7	
1/4	2,106.14	1/4	1,745.02	1/4	1,383.90	1/4	1,023.08	1/4	662.47	1/4	301.37	1/4		1/4	1/4	1/4		1/4	
1/2	2,098.61	1/2	1,737.49	1/2	1,376.37	1/2	1,015.58	1/2	654.95	1/2	293.84	1/2		1/2	1/2	1/2		1/2	
3/4	2,091.09	3/4	1,729.97	3/4	1,368.85	3/4	1,008.08	3/4	647.42	3/4	286.32	3/4		3/4	3/4	3/4		3/4	
8	2,083.57	8	1,722.45	8	1,361.33	8	1,000.58	8	639.90	8	278.80	8		8	8	8		8	
1/4	2,076.04	1/4	1,714.92	1/4	1,353.81	1/4	993.09	1/4	632.38	1/4	271.27	1/4		1/4	1/4	1/4		1/4	
1/2	2,068.52	1/2	1,707.40	1/2	1,346.28	1/2	985.59	1/2	624.85	1/2	263.75	1/2		1/2	1/2	1/2		1/2	
3/4	2,061.00	3/4	1,699.88	3/4	1,338.76	3/4	978.09	3/4	617.33	3/4	256.23	3/4		3/4	3/4	3/4		3/4	
9	2,053.47	9	1,692.35	9	1,331.24	9	970.59	9	609.81	9	248.70	9		9	9	9		9	
1/4	2,045.95	1/4	1,684.83	1/4	1,323.71	1/4	963.09	1/4	602.29	1/4	241.18	1/4		1/4	1/4	1/4		1/4	
1/2	2,038.43	1/2	1,677.31	1/2	1,316.19	1/2	955.60	1/2	594.76	1/2	233.66	1/2		1/2	1/2	1/2		1/2	
3/4	2,030.90	3/4	1,669.78	3/4	1,308.67	3/4	948.10	3/4	587.24	3/4	226.14	3/4		3/4	3/4	3/4		3/4	
10	2,023.38	10	1,662.26	10	1,301.14	10	940.60	10	579.72	10	218.61	10		10	10	10		10	
1/4	2,015.86	1/4	1,654.74	1/4	1,293.62	1/4	933.10	1/4	933.10	1/4	211.09	1/4		1/4	1/4	1/4		1/4	
1/2	2,008.33	1/2	1,647.21	1/2	1,286.10	1/2	925.60	1/2	564.67	1/2	203.57	1/2		1/2	1/2	1/2		1/2	
3/4	2,000.81	3/4	1,639.69	3/4	1,278.57	3/4	918.10	3/4	557.15	3/4	196.04	3/4		3/4	3/4	3/4		3/4	
11	1,993.29	11	1,632.17	11	1,271.05	11	910.61	11	549.62	11	188.52	11		11	11	11		11	
1/4	1,985.76	1/4	1,624.64	1/4	1,263.53	1/4	903.11	1/4	542.10	1/4	181.00	1/4		1/4	1/4	1/4		1/4	
1/2	1,978.24	1/2	1,617.12	1/2	1,256.00	1/2	895.61	1/2	534.58	1/2	173.47	1/2		1/2	1/2	1/2		1/2	
3/4	1,970.72	3/4	1,609.60	3/4	1,248.48	3/4	888.11	3/4	527.06	3/4	165.95	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2008 CL - SW
CALCULATED: 03/08/2008 CL
VERIFIED: 05/17/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2023

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



BARGE "KIRBY 28057"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

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		
							4,479.90		4,223.94		3,955.20		3,673.98		3,379.91		3,025.23		2,664.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,474.67	1/4	4,218.50	1/4	3,949.48	1/4	3,668.00	1/4	3,373.36	1/4	3,017.72	1/4	2,657.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,469.42	1/2	4,213.04	1/2	3,943.73	1/2	3,662.00	1/2	3,366.53	1/2	3,010.21	1/2	2,649.70		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,464.17	3/4	4,207.58	3/4	3,937.97	3/4	3,656.00	3/4	3,359.71	3/4	3,002.70	3/4	2,642.19		
1	1	1	1	1	1	1	4,458.92	1	4,202.12	1	3,932.22	1	3,650.00	1	3,352.88	1	2,995.19	1	2,634.68		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,453.67	1/4	4,196.66	1/4	3,926.47	1/4	3,644.00	1/4	3,346.05	1/4	2,987.68	1/4	2,627.17		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,448.40	1/2	4,191.17	1/2	3,920.70	1/2	3,637.98	1/2	3,338.94	1/2	2,980.17	1/2	2,619.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,443.13	3/4	4,185.69	3/4	3,914.93	3/4	3,631.95	3/4	3,331.84	3/4	2,972.66	3/4	2,612.15		
2	2	2	2	2	2	2	4,437.86	2	4,180.20	2	3,909.16	2	3,625.93	2	3,324.73	2	2,965.15	2	2,604.64		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,432.59	1/4	4,174.72	1/4	3,903.40	1/4	3,619.90	1/4	3,317.62	1/4	2,957.64	1/4	2,597.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,427.30	1/2	4,169.22	1/2	3,897.61	1/2	3,613.86	1/2	3,310.24	1/2	2,950.13	1/2	2,589.61		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,422.00	3/4	4,163.71	3/4	3,891.82	3/4	3,607.82	3/4	3,302.85	3/4	2,942.62	3/4	2,582.10		
3	3	3	3	3	3	3	4,416.71	3	4,158.21	3	3,886.03	3	3,601.78	3	3,295.47	3	2,935.11	3	2,574.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,411.42	1/4	4,152.71	1/4	3,880.24	1/4	3,595.74	1/4	3,288.09	1/4	2,927.60	1/4	2,567.08		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,406.14	1/2	4,147.15	1/2	3,874.43	1/2	3,589.67	1/2	3,280.58	1/2	2,920.09	1/2	2,559.57		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,400.87	3/4	4,141.59	3/4	3,868.62	3/4	3,583.61	3/4	3,273.07	3/4	2,912.58	3/4	2,552.06		
4	4	4	4	4	4	4	4,395.59	4	4,136.03	4	3,862.80	4	3,577.55	4	3,265.56	4	2,905.07	4	2,544.55		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,390.32	1/4	4,130.47	1/4	3,856.99	1/4	3,571.49	1/4	3,258.05	1/4	2,897.56	1/4	2,537.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,385.02	1/2	4,124.88	1/2	3,851.16	1/2	3,565.41	1/2	3,250.54	1/2	2,890.05	1/2	2,529.52		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,379.73	3/4	4,119.30	3/4	3,845.33	3/4	3,559.32	3/4	3,243.03	3/4	2,882.54	3/4	2,522.01		
5	5	5	5	5	5	5	4,374.43	5	4,113.72	5	3,839.50	5	3,553.23	5	3,235.52	5	2,875.03	5	2,514.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,369.14	1/4	4,108.13	1/4	3,833.66	1/4	3,547.15	1/4	3,228.01	1/4	2,867.52	1/4	2,506.99		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,363.82	1/2	4,102.53	1/2	3,827.81	1/2	3,541.04	1/2	3,220.50	1/2	2,860.01	1/2	2,499.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,358.50	3/4	4,096.93	3/4	3,821.95	3/4	3,534.94	3/4	3,212.99	3/4	2,852.50	3/4	2,491.97		
6	6	6	6	6	6	6	4,353.18	6	4,091.33	6	3,816.09	6	3,528.84	6	3,205.48	6	2,844.99	6	2,484.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,347.86	1/4	4,085.72	1/4	3,810.23	1/4	3,522.73	1/4	3,197.97	1/4	2,837.48	1/4	2,476.94		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,342.53	1/2	4,080.10	1/2	3,804.36	1/2	3,516.61	1/2	3,190.46	1/2	2,829.97	1/2	2,469.44		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,602.95	3/4	4,337.19	3/4	4,074.47	3/4	3,798.49	3/4	3,510.49	3/4	3,182.95	3/4	2,822.46	3/4	2,461.93
7	7	7	4,598.34	7	4,331.85	7	4,068.84	7	3,792.61	7	3,504.36	7	3,175.44	7	2,814.95	7	2,454.42				
1/4	1/4	1/4	4,593.74	1/4	4,326.51	1/4	4,063.21	1/4	3,786.74	1/4	3,498.24	1/4	3,167.93	1/4	2,807.44	1/4	2,446.91				
1/2	1/2	1/2	4,587.61	1/2	4,321.15	1/2	4,057.57	1/2	3,780.84	1/2	3,492.11	1/2	3,160.42	1/2	2,799.93	1/2	2,439.41				
3/4	3/4	3/4	4,581.47	3/4	4,315.79	3/4	4,051.92	3/4	3,774.95	3/4	3,485.97	3/4	3,152.91	3/4	2,792.42	3/4	2,431.90				
8	8	8	4,575.34	8	4,310.43	8	4,046.27	8	3,769.06	8	3,479.84	8	3,145.40	8	2,784.91	8	2,424.39				
1/4	1/4	1/4	4,569.21	1/4	4,305.06	1/4	4,040.63	1/4	3,763.16	1/4	3,473.71	1/4	3,137.89	1/4	2,777.40	1/4	2,416.88				
1/2	1/2	1/2	4,563.07	1/2	4,299.69	1/2	4,034.96	1/2	3,757.24	1/2	3,467.58	1/2	3,130.38	1/2	2,769.88	1/2	2,409.37				
3/4	3/4	3/4	4,556.94	3/4	4,294.31	3/4	4,029.30	3/4	3,751.32	3/4	3,461.44	3/4	3,122.87	3/4	2,762.37	3/4	2,401.87				
9	9	9	4,550.81	9	4,288.93	9	4,023.64	9	3,745.41	9	3,455.31	9	3,115.36	9	2,754.86	9	2,394.36				
1/4	1/4	1/4	4,544.67	1/4	4,283.55	1/4	4,017.97	1/4	3,739.49	1/4	3,449.18	1/4	3,107.85	1/4	2,747.35	1/4	2,386.85				
1/2	1/2	1/2	4,538.54	1/2	4,278.15	1/2	4,012.28	1/2	3,733.55	1/2	3,443.05	1/2	3,100.34	1/2	2,739.84	1/2	2,379.34				
3/4	3/4	3/4	4,532.40	3/4	4,272.75	3/4	4,006.59	3/4	3,727.61	3/4	3,436.91	3/4	3,092.82	3/4	2,732.33	3/4	2,371.84				
10	10	10	4,526.27	10	4,267.35	10	4,000.90	10	3,721.68	10	3,430.78	10	3,085.31	10	2,724.82	10	2,364.33				
1/4	1/4	1/4	4,520.14	1/4	4,261.96	1/4	3,995.21	1/4	3,715.74	1/4	3,424.65	1/4	3,077.80	1/4	2,717.31	1/4	2,356.82				
1/2	1/2	1/2	4,514.00	1/2	4,256.53	1/2	3,989.51	1/2	3,709.78	1/2	3,418.38	1/2	3,070.29	1/2	2,709.79	1/2	2,349.31				
3/4	3/4	3/4	4,507.87	3/4	4,251.11	3/4	3,983.80	3/4	3,703.83	3/4	3,412.11	3/4	3,062.78	3/4	2,702.28	3/4	2,341.81				
11	11	11	4,501.73	11	4,245.69	11	3,978.09	11	3,697.87	11	3,405.83	11	3,055.27	11	2,694.77	11	2,334.30				
1/4	1/4	1/4	4,495.60	1/4	4,240.26	1/4	3,972.38	1/4	3,691.92	1/4	3,399.56	1/4	3,047.76	1/4	2,687.26	1/4	2,326.79				
1/2	1/2	1/2	4,490.37	1/2	4,234.82	1/2	3,966.66	1/2	3,685.94	1/2	3,393.01	1/2	3,040.25	1/2	2,679.75	1/2	2,319.28				
3/4	3/4	3/4	4,485.14	3/4	4,229.38	3/4	3,960.93	3/4	3,679.96	3/4	3,386.46	3/4	3,032.74	3/4	2,672.24	3/4	2,311.77				

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 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28057"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,304.27	0	1,944.94	0	1,586.26	0	1,225.67	0	871.72	0	518.77	0	158.47	0		0		0	
1/4	2,296.76	1/4	1,937.49	1/4	1,578.75	1/4	1,218.16	1/4	864.35	1/4	511.40	1/4	150.94	1/4	1/4		1/4		1/4
1/2	2,289.25	1/2	1,930.04	1/2	1,571.23	1/2	1,210.79	1/2	856.97	1/2	503.95	1/2	143.42	1/2	1/2		1/2		1/2
3/4	2,281.73	3/4	1,922.60	3/4	1,563.72	3/4	1,203.41	3/4	849.60	3/4	496.51	3/4	135.89	3/4	3/4		3/4		3/4
1	2,274.22	1	1,915.15	1	1,556.21	1	1,196.03	1	842.22	1	489.06	1	128.37	1	1		1		1
1/4	2,266.71	1/4	1,907.70	1/4	1,548.70	1/4	1,188.66	1/4	834.85	1/4	481.62	1/4	120.84	1/4	1/4		1/4		1/4
1/2	2,259.20	1/2	1,900.26	1/2	1,541.19	1/2	1,181.28	1/2	827.48	1/2	474.10	1/2	113.32	1/2	1/2		1/2		1/2
3/4	2,251.69	3/4	1,892.81	3/4	1,533.67	3/4	1,173.91	3/4	820.10	3/4	466.59	3/4	105.79	3/4	3/4		3/4		3/4
2	2,244.17	2	1,885.36	2	1,526.16	2	1,166.53	2	812.73	2	459.08	2	98.27	2	2		2		2
1/4	2,236.66	1/4	1,877.92	1/4	1,518.65	1/4	1,159.16	1/4	805.36	1/4	451.56	1/4	90.74	1/4	1/4		1/4		1/4
1/2	2,229.15	1/2	1,870.47	1/2	1,511.14	1/2	1,151.78	1/2	798.01	1/2	444.05	1/2	83.22	1/2	1/2		1/2		1/2
3/4	2,221.64	3/4	1,863.03	3/4	1,503.62	3/4	1,144.40	3/4	790.65	3/4	436.54	3/4	75.69	3/4	3/4		3/4		3/4
3	2,214.12	3	1,855.58	3	1,496.11	3	1,137.03	3	783.29	3	429.02	3	68.17	3	3		3		3
1/4	2,206.61	1/4	1,848.13	1/4	1,488.60	1/4	1,129.65	1/4	775.94	1/4	421.51	1/4	60.64	1/4	1/4		1/4		1/4
1/2	2,199.10	1/2	1,840.69	1/2	1,481.09	1/2	1,122.28	1/2	768.60	1/2	414.00	1/2	54.00	1/2	1/2		1/2		1/2
3/4	2,191.59	3/4	1,833.24	3/4	1,473.58	3/4	1,114.90	3/4	761.25	3/4	406.48	3/4	47.47	3/4	3/4		3/4		3/4
4	2,184.08	4	1,825.79	4	1,466.06	4	1,107.53	4	753.91	4	398.97	4	40.89	4	4		4		4
1/4	2,176.56	1/4	1,818.35	1/4	1,458.55	1/4	1,100.15	1/4	746.57	1/4	391.46	1/4	34.30	1/4	1/4		1/4		1/4
1/2	2,169.05	1/2	1,810.90	1/2	1,451.04	1/2	1,092.78	1/2	739.23	1/2	383.94	1/2	29.60	1/2	1/2		1/2		1/2
3/4	2,161.54	3/4	1,803.45	3/4	1,443.53	3/4	1,085.41	3/4	731.88	3/4	376.43	3/4	24.90	3/4	3/4		3/4		3/4
5	2,154.03	5	1,796.01	5	1,436.01	5	1,078.04	5	724.54	5	368.92	5	20.19	5	5		5		5
1/4	2,146.52	1/4	1,788.56	1/4	1,428.50	1/4	1,070.68	1/4	717.20	1/4	361.40	1/4	15.49	1/4	1/4		1/4		1/4
1/2	2,139.00	1/2	1,781.12	1/2	1,420.99	1/2	1,063.31	1/2	709.86	1/2	353.89	1/2		1/2	1/2		1/2		1/2
3/4	2,131.49	3/4	1,773.67	3/4	1,413.48	3/4	1,055.94	3/4	702.51	3/4	346.38	3/4		3/4	3/4		3/4		3/4
6	2,123.98	6	1,766.22	6	1,405.97	6	1,048.57	6	695.17	6	338.86	6		6	6		6		6
1/4	2,116.47	1/4	1,758.78	1/4	1,398.45	1/4	1,041.20	1/4	687.82	1/4	331.35	1/4		1/4	1/4		1/4		1/4
1/2	2,108.95	1/2	1,751.33	1/2	1,390.94	1/2	1,033.83	1/2	680.48	1/2	323.84	1/2		1/2	1/2		1/2		1/2
3/4	2,101.44	3/4	1,743.88	3/4	1,383.43	3/4	1,026.46	3/4	673.13	3/4	316.33	3/4		3/4	3/4		3/4		3/4
7	2,093.93	7	1,736.44	7	1,375.92	7	1,019.09	7	665.79	7	308.81	7		7	7		7		7
1/4	2,086.42	1/4	1,728.99	1/4	1,368.40	1/4	1,011.73	1/4	658.45	1/4	301.30	1/4		1/4	1/4		1/4		1/4
1/2	2,078.97	1/2	1,721.48	1/2	1,360.89	1/2	1,004.36	1/2	651.10	1/2	293.79	1/2		1/2	1/2		1/2		1/2
3/4	2,071.52	3/4	1,713.97	3/4	1,353.38	3/4	996.99	3/4	643.76	3/4	286.27	3/4		3/4	3/4		3/4		3/4
8	2,064.08	8	1,706.45	8	1,345.87	8	989.62	8	636.41	8	278.76	8		8	8		8		8
1/4	2,056.63	1/4	1,698.94	1/4	1,338.36	1/4	982.25	1/4	629.07	1/4	271.25	1/4		1/4	1/4		1/4		1/4
1/2	2,049.19	1/2	1,691.43	1/2	1,330.84	1/2	974.88	1/2	621.73	1/2	263.73	1/2		1/2	1/2		1/2		1/2
3/4	2,041.74	3/4	1,683.92	3/4	1,323.33	3/4	967.51	3/4	614.38	3/4	256.22	3/4		3/4	3/4		3/4		3/4
9	2,034.29	9	1,676.40	9	1,315.82	9	960.14	9	607.04	9	248.71	9		9	9		9		9
1/4	2,026.85	1/4	1,668.89	1/4	1,308.31	1/4	952.78	1/4	599.69	1/4	241.19	1/4		1/4	1/4		1/4		1/4
1/2	2,019.40	1/2	1,661.38	1/2	1,300.79	1/2	945.41	1/2	592.35	1/2	233.68	1/2		1/2	1/2		1/2		1/2
3/4	2,011.95	3/4	1,653.87	3/4	1,293.28	3/4	938.04	3/4	585.01	3/4	226.17	3/4		3/4	3/4		3/4		3/4
10	2,004.51	10	1,646.36	10	1,285.77	10	930.67	10	577.66	10	218.65	10		10	10		10		10
1/4	1,997.06	1/4	1,638.84	1/4	1,278.26	1/4	923.30	1/4	570.32	1/4	211.14	1/4		1/4	1/4		1/4		1/4
1/2	1,989.61	1/2	1,631.33	1/2	1,270.75	1/2	915.93	1/2	562.96	1/2	203.62	1/2		1/2	1/2		1/2		1/2
3/4	1,982.17	3/4	1,623.82	3/4	1,263.23	3/4	908.56	3/4	555.60	3/4	196.09	3/4		3/4	3/4		3/4		3/4
11	1,974.72	11	1,616.31	11	1,255.72	11	901.19	11	548.25	11	188.57	11		11	11		11		11
1/4	1,967.28	1/4	1,608.80	1/4	1,248.21	1/4	893.82	1/4	540.89	1/4	181.04	1/4		1/4	1/4		1/4		1/4
1/2	1,959.83	1/2	1,601.28	1/2	1,240.70	1/2	886.46	1/2	533.52	1/2	173.52	1/2		1/2	1/2		1/2		1/2
3/4	1,952.38	3/4	1,593.77	3/4	1,233.19	3/4	879.09	3/4	526.14	3/4	165.99	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2008 CL - SW
CALCULATED: 03/08/2008 CL
VERIFIED: 05/17/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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