



# BARGE "KIRBY 30032"

ULLAGE TRIM TABLE  
Formerly "ACT 101"

	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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 PORT	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-3/8	- 02-3/8	02-7/8	- 02-7/8	03-1/2	- 03-1/2
3 STBD	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-3/8	- 02-3/8	02-7/8	- 02-7/8	03-1/2	- 03-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
AFT DRAFT = 5'-00"  
DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/8"  
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 254'-00"

November 28, 2022

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

<http://www.pmacorp.net>



# BARGE "KIRBY 30032"

## 1 PORT ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	5,143.54	0	4,782.10	0	4,420.66	0	4,059.22	0	3,697.78	0	3,336.34	0	2,974.90
1/4		1/4		1/4		1/4	5,136.01	1/4	4,774.57	1/4	4,413.13	1/4	4,051.69	1/4	3,690.25	1/4	3,328.81	1/4	2,967.37
1/2		1/2		1/2		1/2	5,128.48	1/2	4,767.04	1/2	4,405.60	1/2	4,044.16	1/2	3,682.72	1/2	3,321.28	1/2	2,959.84
3/4		3/4		3/4		3/4	5,120.95	3/4	4,759.51	3/4	4,398.07	3/4	4,036.63	3/4	3,675.19	3/4	3,313.75	3/4	2,952.31
1		1		1		1	5,113.42	1	4,751.98	1	4,390.54	1	4,029.10	1	3,667.66	1	3,306.22	1	2,944.78
1/4		1/4		1/4		1/4	5,105.89	1/4	4,744.45	1/4	4,383.01	1/4	4,021.57	1/4	3,660.13	1/4	3,298.69	1/4	2,937.25
1/2		1/2		1/2		1/2	5,098.36	1/2	4,736.92	1/2	4,375.48	1/2	4,014.04	1/2	3,652.60	1/2	3,291.16	1/2	2,929.72
3/4		3/4		3/4		3/4	5,090.83	3/4	4,729.39	3/4	4,367.95	3/4	4,006.51	3/4	3,645.07	3/4	3,283.63	3/4	2,922.19
2		2		2		2	5,083.30	2	4,721.86	2	4,360.42	2	3,998.98	2	3,637.54	2	3,276.10	2	2,914.66
1/4		1/4		1/4		1/4	5,075.77	1/4	4,714.33	1/4	4,352.89	1/4	3,991.45	1/4	3,630.01	1/4	3,268.57	1/4	2,907.13
1/2		1/2		1/2		1/2	5,068.24	1/2	4,706.80	1/2	4,345.36	1/2	3,983.92	1/2	3,622.48	1/2	3,261.04	1/2	2,899.60
3/4		3/4		3/4		3/4	5,331.82	3/4	5,060.71	3/4	4,699.27	3/4	4,337.83	3/4	3,976.39	3/4	3,614.95	3/4	2,892.07
3		3		3		3	5,053.18	3	4,691.74	3	4,330.30	3	3,968.86	3	3,607.42	3	3,255.98	3	2,884.54
1/4		1/4		1/4		1/4	5,330.57	1/4	5,045.65	1/4	4,684.21	1/4	4,322.77	1/4	3,961.33	1/4	3,599.89	1/4	2,877.01
1/2		1/2		1/2		1/2	5,329.95	1/2	5,038.12	1/2	4,676.68	1/2	4,315.24	1/2	3,953.80	1/2	3,592.36	1/2	2,869.48
3/4		3/4		3/4		3/4	5,329.32	3/4	5,030.59	3/4	4,669.15	3/4	4,307.71	3/4	3,946.27	3/4	3,584.83	3/4	2,861.95
4		4		4		4	5,327.44	4	5,023.06	4	4,661.62	4	4,300.18	4	3,938.74	4	3,577.30	4	2,854.42
1/4		1/4		1/4		1/4	5,325.56	1/4	5,015.53	1/4	4,654.09	1/4	4,292.65	1/4	3,931.21	1/4	3,569.77	1/4	2,846.89
1/2		1/2		1/2		1/2	5,323.68	1/2	5,008.00	1/2	4,646.56	1/2	4,285.12	1/2	3,923.68	1/2	3,562.24	1/2	2,839.36
3/4		3/4		3/4		3/4	5,321.80	3/4	5,000.47	3/4	4,639.03	3/4	4,277.59	3/4	3,916.15	3/4	3,554.71	3/4	2,831.83
5		5		5		5	5,318.66	5	4,992.94	5	4,631.50	5	4,270.06	5	3,908.62	5	3,547.18	5	2,824.30
1/4		1/4		1/4		1/4	5,315.52	1/4	4,985.41	1/4	4,623.97	1/4	4,262.53	1/4	3,901.09	1/4	3,539.65	1/4	2,816.77
1/2		1/2		1/2		1/2	5,312.38	1/2	4,977.88	1/2	4,616.44	1/2	4,255.00	1/2	3,893.56	1/2	3,532.12	1/2	2,809.24
3/4		3/4		3/4		3/4	5,309.24	3/4	4,970.35	3/4	4,608.91	3/4	4,247.47	3/4	3,886.03	3/4	3,524.59	3/4	2,801.71
6		6		6		6	5,304.85	6	4,962.82	6	4,601.38	6	4,239.94	6	3,878.50	6	3,517.06	6	2,794.18
1/4		1/4		1/4		1/4	5,300.45	1/4	4,955.29	1/4	4,593.85	1/4	4,232.41	1/4	3,870.97	1/4	3,509.53	1/4	2,786.65
1/2		1/2		1/2		1/2	5,296.06	1/2	4,947.76	1/2	4,586.32	1/2	4,224.88	1/2	3,863.44	1/2	3,502.00	1/2	2,779.12
3/4		3/4		3/4		3/4	5,291.66	3/4	4,940.23	3/4	4,578.79	3/4	4,217.35	3/4	3,855.91	3/4	3,494.47	3/4	2,771.59
7		7		7		7	5,286.01	7	4,932.70	7	4,571.26	7	4,209.82	7	3,848.38	7	3,486.94	7	2,764.06
1/4		1/4		1/4		1/4	5,280.36	1/4	4,925.17	1/4	4,563.73	1/4	4,202.29	1/4	3,840.85	1/4	3,479.41	1/4	2,756.53
1/2		1/2		1/2		1/2	5,274.71	1/2	4,917.64	1/2	4,556.20	1/2	4,194.76	1/2	3,833.32	1/2	3,471.88	1/2	2,749.00
3/4		3/4		3/4		3/4	5,269.06	3/4	4,910.11	3/4	4,548.67	3/4	4,187.23	3/4	3,825.79	3/4	3,464.35	3/4	2,741.47
8		8		8		8	5,262.15	8	4,902.58	8	4,541.14	8	4,179.70	8	3,818.26	8	3,456.82	8	2,733.94
1/4		1/4		1/4		1/4	5,255.25	1/4	4,895.05	1/4	4,533.61	1/4	4,172.17	1/4	3,810.73	1/4	3,449.29	1/4	2,726.41
1/2		1/2		1/2		1/2	5,248.34	1/2	4,887.52	1/2	4,526.08	1/2	4,164.64	1/2	3,803.20	1/2	3,441.76	1/2	2,718.88
3/4		3/4		3/4		3/4	5,241.43	3/4	4,879.99	3/4	4,518.55	3/4	4,157.11	3/4	3,795.67	3/4	3,434.23	3/4	2,711.35
9		9		9		9	5,233.90	9	4,872.46	9	4,511.02	9	4,149.58	9	3,788.14	9	3,426.70	9	2,703.82
1/4		1/4		1/4		1/4	5,226.37	1/4	4,864.93	1/4	4,503.49	1/4	4,142.05	1/4	3,780.61	1/4	3,419.17	1/4	2,696.29
1/2		1/2		1/2		1/2	5,218.84	1/2	4,857.40	1/2	4,495.96	1/2	4,134.52	1/2	3,773.08	1/2	3,411.64	1/2	2,688.76
3/4		3/4		3/4		3/4	5,211.31	3/4	4,849.87	3/4	4,488.43	3/4	4,126.99	3/4	3,765.55	3/4	3,404.11	3/4	2,681.23
10		10		10		10	5,203.78	10	4,842.34	10	4,480.90	10	4,119.46	10	3,758.02	10	3,396.58	10	2,673.70
1/4		1/4		1/4		1/4	5,196.25	1/4	4,834.81	1/4	4,473.37	1/4	4,111.93	1/4	3,750.49	1/4	3,389.05	1/4	2,666.17
1/2		1/2		1/2		1/2	5,188.72	1/2	4,827.28	1/2	4,465.84	1/2	4,104.40	1/2	3,742.96	1/2	3,381.52	1/2	2,658.64
3/4		3/4		3/4		3/4	5,181.19	3/4	4,819.75	3/4	4,458.31	3/4	4,096.87	3/4	3,735.43	3/4	3,373.99	3/4	2,651.11
11		11		11		11	5,173.66	11	4,812.22	11	4,450.78	11	4,089.34	11	3,727.90	11	3,366.46	11	2,643.58
1/4		1/4		1/4		1/4	5,166.13	1/4	4,804.69	1/4	4,443.25	1/4	4,081.81	1/4	3,720.37	1/4	3,358.93	1/4	2,636.05
1/2		1/2		1/2		1/2	5,158.60	1/2	4,797.16	1/2	4,435.72	1/2	4,074.28	1/2	3,712.84	1/2	3,351.40	1/2	2,628.52
3/4		3/4		3/4		3/4	5,151.07	3/4	4,789.63	3/4	4,428.19	3/4	4,066.75	3/4	3,705.31	3/4	3,343.87	3/4	2,620.99

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" DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092

Pearland, Texas 77588  
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# BARGE "KIRBY 30032"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	2,613.46	0	2,252.02	0	1,890.58	0	1,529.14	0	1,168.07	0	806.74	0	444.96	0	83.57	0		0	
1/4	2,605.93	1/4	2,244.49	1/4	1,883.05	1/4	1,521.61	1/4	1,160.56	1/4	799.20	1/4	437.42	1/4	76.41	1/4		1/4	
1/2	2,598.40	1/2	2,236.96	1/2	1,875.52	1/2	1,514.08	1/2	1,153.04	1/2	791.67	1/2	429.89	1/2	69.25	1/2		1/2	
3/4	2,590.87	3/4	2,229.43	3/4	1,867.99	3/4	1,506.55	3/4	1,145.53	3/4	784.13	3/4	422.35	3/4	62.09	3/4		3/4	
1	2,583.34	1	2,221.90	1	1,859.71	1	1,499.02	1	1,138.01	1	776.59	1	414.81	1	56.06	1		1	
1/4	2,575.81	1/4	2,214.37	1/4	1,851.43	1/4	1,491.49	1/4	1,130.49	1/4	769.05	1/4	407.28	1/4	50.03	1/4		1/4	
1/2	2,568.28	1/2	2,206.84	1/2	1,843.15	1/2	1,483.96	1/2	1,122.98	1/2	761.52	1/2	399.74	1/2	44.00	1/2		1/2	
3/4	2,560.75	3/4	2,199.31	3/4	1,834.87	3/4	1,476.43	3/4	1,115.46	3/4	753.98	3/4	392.21	3/4	37.97	3/4		3/4	
2	2,553.22	2	2,191.78	2	1,828.09	2	1,468.90	2	1,107.94	2	746.44	2	384.67	2	33.45	2		2	
1/4	2,545.69	1/4	2,184.25	1/4	1,821.31	1/4	1,461.37	1/4	1,100.43	1/4	738.90	1/4	377.13	1/4	28.92	1/4		1/4	
1/2	2,538.16	1/2	2,176.72	1/2	1,814.53	1/2	1,453.84	1/2	1,092.91	1/2	731.37	1/2	369.60	1/2	24.40	1/2		1/2	
3/4	2,530.63	3/4	2,169.19	3/4	1,807.75	3/4	1,446.31	3/4	1,085.40	3/4	723.83	3/4	362.06	3/4	19.88	3/4		3/4	
3	2,523.10	3	2,161.66	3	1,800.22	3	1,438.78	3	1,077.88	3	716.29	3	354.52	3		3		3	
1/4	2,515.57	1/4	2,154.13	1/4	1,792.69	1/4	1,431.25	1/4	1,070.37	1/4	708.76	1/4	346.98	1/4		1/4		1/4	
1/2	2,508.04	1/2	2,146.60	1/2	1,785.16	1/2	1,423.72	1/2	1,062.85	1/2	701.22	1/2	339.45	1/2		1/2		1/2	
3/4	2,500.51	3/4	2,139.07	3/4	1,777.63	3/4	1,416.19	3/4	1,055.34	3/4	693.69	3/4	331.91	3/4		3/4		3/4	
4	2,492.98	4	2,131.54	4	1,770.10	4	1,408.66	4	1,047.82	4	686.15	4	324.37	4	4	4		4	
1/4	2,485.45	1/4	2,124.01	1/4	1,762.57	1/4	1,401.13	1/4	1,040.30	1/4	678.61	1/4	316.83	1/4		1/4		1/4	
1/2	2,477.92	1/2	2,116.48	1/2	1,755.04	1/2	1,393.60	1/2	1,032.79	1/2	671.08	1/2	309.30	1/2		1/2		1/2	
3/4	2,470.39	3/4	2,108.95	3/4	1,747.51	3/4	1,386.07	3/4	1,025.27	3/4	663.54	3/4	301.76	3/4		3/4		3/4	
5	2,462.86	5	2,101.42	5	1,739.98	5	1,378.55	5	1,017.74	5	656.00	5	294.22	5	5	5		5	
1/4	2,455.33	1/4	2,093.89	1/4	1,732.45	1/4	1,371.02	1/4	1,010.22	1/4	648.46	1/4	286.68	1/4		1/4		1/4	
1/2	2,447.80	1/2	2,086.36	1/2	1,724.92	1/2	1,363.50	1/2	1,002.69	1/2	640.93	1/2	279.15	1/2		1/2		1/2	
3/4	2,440.27	3/4	2,078.83	3/4	1,717.39	3/4	1,355.98	3/4	995.17	3/4	633.39	3/4	271.61	3/4		3/4		3/4	
6	2,432.74	6	2,071.30	6	1,709.86	6	1,348.46	6	987.63	6	625.85	6	264.07	6	6	6		6	
1/4	2,425.21	1/4	2,063.77	1/4	1,702.33	1/4	1,340.94	1/4	980.09	1/4	618.31	1/4	256.54	1/4		1/4		1/4	
1/2	2,417.68	1/2	2,056.24	1/2	1,694.80	1/2	1,333.43	1/2	972.56	1/2	610.78	1/2	249.00	1/2		1/2		1/2	
3/4	2,410.15	3/4	2,048.71	3/4	1,687.27	3/4	1,325.91	3/4	965.02	3/4	603.24	3/4	241.47	3/4		3/4		3/4	
7	2,402.62	7	2,041.18	7	1,679.74	7	1,318.39	7	957.48	7	595.70	7	233.93	7	7	7		7	
1/4	2,395.09	1/4	2,033.65	1/4	1,672.21	1/4	1,310.88	1/4	949.94	1/4	588.16	1/4	226.39	1/4		1/4		1/4	
1/2	2,387.56	1/2	2,026.12	1/2	1,664.68	1/2	1,303.36	1/2	942.41	1/2	580.63	1/2	218.86	1/2		1/2		1/2	
3/4	2,380.03	3/4	2,018.59	3/4	1,657.15	3/4	1,295.85	3/4	934.87	3/4	573.09	3/4	211.32	3/4		3/4		3/4	
8	2,372.50	8	2,011.06	8	1,649.62	8	1,288.33	8	927.33	8	565.55	8	203.78	8	8	8		8	
1/4	2,364.97	1/4	2,003.53	1/4	1,642.09	1/4	1,280.81	1/4	919.79	1/4	558.02	1/4	196.24	1/4		1/4		1/4	
1/2	2,357.44	1/2	1,996.00	1/2	1,634.56	1/2	1,273.30	1/2	912.26	1/2	550.48	1/2	188.71	1/2		1/2		1/2	
3/4	2,349.91	3/4	1,988.47	3/4	1,627.03	3/4	1,265.78	3/4	904.72	3/4	542.95	3/4	181.17	3/4		3/4		3/4	
9	2,342.38	9	1,980.94	9	1,619.50	9	1,258.26	9	897.18	9	535.41	9	173.63	9	9	9		9	
1/4	2,334.85	1/4	1,973.41	1/4	1,611.97	1/4	1,250.75	1/4	889.64	1/4	527.87	1/4	166.09	1/4		1/4		1/4	
1/2	2,327.32	1/2	1,965.88	1/2	1,604.44	1/2	1,243.23	1/2	882.11	1/2	520.34	1/2	158.56	1/2		1/2		1/2	
3/4	2,319.79	3/4	1,958.35	3/4	1,596.91	3/4	1,235.72	3/4	874.57	3/4	512.80	3/4	151.02	3/4		3/4		3/4	
10	2,312.26	10	1,950.82	10	1,589.38	10	1,228.20	10	867.03	10	505.26	10	143.48	10	10	10		10	
1/4	2,304.73	1/4	1,943.29	1/4	1,581.85	1/4	1,220.69	1/4	859.50	1/4	497.72	1/4	135.94	1/4		1/4		1/4	
1/2	2,297.20	1/2	1,935.76	1/2	1,574.32	1/2	1,213.17	1/2	851.96	1/2	490.19	1/2	128.41	1/2		1/2		1/2	
3/4	2,289.67	3/4	1,928.23	3/4	1,566.79	3/4	1,205.66	3/4	844.43	3/4	482.65	3/4	120.87	3/4		3/4		3/4	
11	2,282.14	11	1,920.70	11	1,559.26	11	1,198.14	11	836.89	11	475.11	11	113.33	11	11	11		11	
1/4	2,274.61	1/4	1,913.17	1/4	1,551.73	1/4	1,190.62	1/4	829.35	1/4	467.57	1/4	105.80	1/4		1/4		1/4	
1/2	2,267.08	1/2	1,905.64	1/2	1,544.20	1/2	1,183.11	1/2	821.82	1/2	460.04	1/2	98.26	1/2		1/2		1/2	
3/4	2,259.55	3/4	1,898.11	3/4	1,536.67	3/4	1,175.59	3/4	814.28	3/4	452.50	3/4	90.73	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2012 INS  
RECALCULATED: 11/28/2022 CL  
NAME CHANGE: 11/28/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2022

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



# BARGE "KIRBY 30032"

## 1 STBD ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	5,143.54	0	4,782.10	0	4,420.66	0	4,059.22	0	3,697.78	0	3,336.34	0	2,974.90
1/4		1/4		1/4		1/4	5,136.01	1/4	4,774.57	1/4	4,413.13	1/4	4,051.69	1/4	3,690.25	1/4	3,328.81	1/4	2,967.37
1/2		1/2		1/2		1/2	5,128.48	1/2	4,767.04	1/2	4,405.60	1/2	4,044.16	1/2	3,682.72	1/2	3,321.28	1/2	2,959.84
3/4		3/4		3/4		3/4	5,120.95	3/4	4,759.51	3/4	4,398.07	3/4	4,036.63	3/4	3,675.19	3/4	3,313.75	3/4	2,952.31
1		1		1		1	5,113.42	1	4,751.98	1	4,390.54	1	4,029.10	1	3,667.66	1	3,306.22	1	2,944.78
1/4		1/4		1/4		1/4	5,105.89	1/4	4,744.45	1/4	4,383.01	1/4	4,021.57	1/4	3,660.13	1/4	3,298.69	1/4	2,937.25
1/2		1/2		1/2		1/2	5,098.36	1/2	4,736.92	1/2	4,375.48	1/2	4,014.04	1/2	3,652.60	1/2	3,291.16	1/2	2,929.72
3/4		3/4		3/4		3/4	5,090.83	3/4	4,729.39	3/4	4,367.95	3/4	4,006.51	3/4	3,645.07	3/4	3,283.63	3/4	2,922.19
2		2		2		2	5,083.30	2	4,721.86	2	4,360.42	2	3,998.98	2	3,637.54	2	3,276.10	2	2,914.66
1/4		1/4		1/4		1/4	5,075.77	1/4	4,714.33	1/4	4,352.89	1/4	3,991.45	1/4	3,630.01	1/4	3,268.57	1/4	2,907.13
1/2		1/2		1/2		1/2	5,068.24	1/2	4,706.80	1/2	4,345.36	1/2	3,983.92	1/2	3,622.48	1/2	3,261.04	1/2	2,899.60
3/4		3/4		3/4		3/4	5,331.82	3/4	5,060.71	3/4	4,699.27	3/4	4,337.83	3/4	3,976.39	3/4	3,614.95	3/4	3,253.51
3		3		3		3	5,053.18	3	4,691.74	3	4,330.30	3	3,968.86	3	3,607.42	3	3,245.98	3	2,884.54
1/4		1/4		1/4		1/4	5,330.57	1/4	5,045.65	1/4	4,684.21	1/4	4,322.77	1/4	3,961.33	1/4	3,599.89	1/4	3,238.45
1/2		1/2		1/2		1/2	5,329.95	1/2	5,038.12	1/2	4,676.68	1/2	4,315.24	1/2	3,953.80	1/2	3,592.36	1/2	3,230.92
3/4		3/4		3/4		3/4	5,329.32	3/4	5,030.59	3/4	4,669.15	3/4	4,307.71	3/4	3,946.27	3/4	3,584.83	3/4	3,223.39
4		4		4		4	5,327.44	4	5,023.06	4	4,661.62	4	4,300.18	4	3,938.74	4	3,577.30	4	3,215.86
1/4		1/4		1/4		1/4	5,325.56	1/4	5,015.53	1/4	4,654.09	1/4	4,292.65	1/4	3,931.21	1/4	3,569.77	1/4	3,208.33
1/2		1/2		1/2		1/2	5,323.68	1/2	5,008.00	1/2	4,646.56	1/2	4,285.12	1/2	3,923.68	1/2	3,562.24	1/2	3,200.80
3/4		3/4		3/4		3/4	5,321.80	3/4	5,000.47	3/4	4,639.03	3/4	4,277.59	3/4	3,916.15	3/4	3,554.71	3/4	3,193.27
5		5		5		5	5,318.66	5	4,992.94	5	4,631.50	5	4,270.06	5	3,908.62	5	3,547.18	5	3,185.74
1/4		1/4		1/4		1/4	5,315.52	1/4	4,985.41	1/4	4,623.97	1/4	4,262.53	1/4	3,901.09	1/4	3,539.65	1/4	3,178.21
1/2		1/2		1/2		1/2	5,312.38	1/2	4,977.88	1/2	4,616.44	1/2	4,255.00	1/2	3,893.56	1/2	3,532.12	1/2	3,170.68
3/4		3/4		3/4		3/4	5,309.24	3/4	4,970.35	3/4	4,608.91	3/4	4,247.47	3/4	3,886.03	3/4	3,524.59	3/4	3,163.15
6		6		6		6	5,304.85	6	4,962.82	6	4,601.38	6	4,239.94	6	3,878.50	6	3,517.06	6	3,155.62
1/4		1/4		1/4		1/4	5,300.45	1/4	4,955.29	1/4	4,593.85	1/4	4,232.41	1/4	3,870.97	1/4	3,509.53	1/4	3,148.09
1/2		1/2		1/2		1/2	5,296.06	1/2	4,947.76	1/2	4,586.32	1/2	4,224.88	1/2	3,863.44	1/2	3,502.00	1/2	3,140.56
3/4		3/4		3/4		3/4	5,291.66	3/4	4,940.23	3/4	4,578.79	3/4	4,217.35	3/4	3,855.91	3/4	3,494.47	3/4	3,133.03
7		7		7		7	5,286.01	7	4,932.70	7	4,571.26	7	4,209.82	7	3,848.38	7	3,486.94	7	3,125.50
1/4		1/4		1/4		1/4	5,280.36	1/4	4,925.17	1/4	4,563.73	1/4	4,202.29	1/4	3,840.85	1/4	3,479.41	1/4	3,117.97
1/2		1/2		1/2		1/2	5,274.71	1/2	4,917.64	1/2	4,556.20	1/2	4,194.76	1/2	3,833.32	1/2	3,471.88	1/2	3,110.44
3/4		3/4		3/4		3/4	5,269.06	3/4	4,910.11	3/4	4,548.67	3/4	4,187.23	3/4	3,825.79	3/4	3,464.35	3/4	3,102.91
8		8		8		8	5,262.15	8	4,902.58	8	4,541.14	8	4,179.70	8	3,818.26	8	3,456.82	8	3,095.38
1/4		1/4		1/4		1/4	5,255.25	1/4	4,895.05	1/4	4,533.61	1/4	4,172.17	1/4	3,810.73	1/4	3,449.29	1/4	3,087.85
1/2		1/2		1/2		1/2	5,248.34	1/2	4,887.52	1/2	4,526.08	1/2	4,164.64	1/2	3,803.20	1/2	3,441.76	1/2	3,080.32
3/4		3/4		3/4		3/4	5,241.43	3/4	4,879.99	3/4	4,518.55	3/4	4,157.11	3/4	3,795.67	3/4	3,434.23	3/4	3,072.79
9		9		9		9	5,233.90	9	4,872.46	9	4,511.02	9	4,149.58	9	3,788.14	9	3,426.70	9	3,065.26
1/4		1/4		1/4		1/4	5,226.37	1/4	4,864.93	1/4	4,503.49	1/4	4,142.05	1/4	3,780.61	1/4	3,419.17	1/4	3,057.73
1/2		1/2		1/2		1/2	5,218.84	1/2	4,857.40	1/2	4,495.96	1/2	4,134.52	1/2	3,773.08	1/2	3,411.64	1/2	3,050.20
3/4		3/4		3/4		3/4	5,211.31	3/4	4,849.87	3/4	4,488.43	3/4	4,126.99	3/4	3,765.55	3/4	3,404.11	3/4	3,042.67
10		10		10		10	5,203.78	10	4,842.34	10	4,480.90	10	4,119.46	10	3,758.02	10	3,396.58	10	3,035.14
1/4		1/4		1/4		1/4	5,196.25	1/4	4,834.81	1/4	4,473.37	1/4	4,111.93	1/4	3,750.49	1/4	3,389.05	1/4	3,027.61
1/2		1/2		1/2		1/2	5,188.72	1/2	4,827.28	1/2	4,465.84	1/2	4,104.40	1/2	3,742.96	1/2	3,381.52	1/2	3,020.08
3/4		3/4		3/4		3/4	5,181.19	3/4	4,819.75	3/4	4,458.31	3/4	4,096.87	3/4	3,735.43	3/4	3,373.99	3/4	3,012.55
11		11		11		11	5,173.66	11	4,812.22	11	4,450.78	11	4,089.34	11	3,727.90	11	3,366.46	11	3,005.02
1/4		1/4		1/4		1/4	5,166.13	1/4	4,804.69	1/4	4,443.25	1/4	4,081.81	1/4	3,720.37	1/4	3,358.93	1/4	2,997.49
1/2		1/2		1/2		1/2	5,158.60	1/2	4,797.16	1/2	4,435.72	1/2	4,074.28	1/2	3,712.84	1/2	3,351.40	1/2	2,989.96
3/4		3/4		3/4		3/4	5,151.07	3/4	4,789.63	3/4	4,428.19	3/4	4,066.75	3/4	3,705.31	3/4	3,343.87	3/4	2,982.43

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" 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 30032"

1 STBD

ULLAGE TABLE  
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	2,613.46	0	2,252.02	0	1,890.58	0	1,529.14	0	1,168.07	0	806.74	0	444.96	0	83.57	0		0	
1/4	2,605.93	1/4	2,244.49	1/4	1,883.05	1/4	1,521.61	1/4	1,160.56	1/4	799.20	1/4	437.42	1/4	76.41	1/4		1/4	
1/2	2,598.40	1/2	2,236.96	1/2	1,875.52	1/2	1,514.08	1/2	1,153.04	1/2	791.67	1/2	429.89	1/2	69.25	1/2		1/2	
3/4	2,590.87	3/4	2,229.43	3/4	1,867.99	3/4	1,506.55	3/4	1,145.53	3/4	784.13	3/4	422.35	3/4	62.09	3/4		3/4	
1	2,583.34	1	2,221.90	1	1,859.71	1	1,499.02	1	1,138.01	1	776.59	1	414.81	1	56.06	1		1	
1/4	2,575.81	1/4	2,214.37	1/4	1,851.43	1/4	1,491.49	1/4	1,130.49	1/4	769.05	1/4	407.28	1/4	50.03	1/4		1/4	
1/2	2,568.28	1/2	2,206.84	1/2	1,843.15	1/2	1,483.96	1/2	1,122.98	1/2	761.52	1/2	399.74	1/2	44.00	1/2		1/2	
3/4	2,560.75	3/4	2,199.31	3/4	1,834.87	3/4	1,476.43	3/4	1,115.46	3/4	753.98	3/4	392.21	3/4	37.97	3/4		3/4	
2	2,553.22	2	2,191.78	2	1,828.09	2	1,468.90	2	1,107.94	2	746.44	2	384.67	2	33.45	2		2	
1/4	2,545.69	1/4	2,184.25	1/4	1,821.31	1/4	1,461.37	1/4	1,100.43	1/4	738.90	1/4	377.13	1/4	28.92	1/4		1/4	
1/2	2,538.16	1/2	2,176.72	1/2	1,814.53	1/2	1,453.84	1/2	1,092.91	1/2	731.37	1/2	369.60	1/2	24.40	1/2		1/2	
3/4	2,530.63	3/4	2,169.19	3/4	1,807.75	3/4	1,446.31	3/4	1,085.40	3/4	723.83	3/4	362.06	3/4	19.88	3/4		3/4	
3	2,523.10	3	2,161.66	3	1,800.22	3	1,438.78	3	1,077.88	3	716.29	3	354.52	3		3		3	
1/4	2,515.57	1/4	2,154.13	1/4	1,792.69	1/4	1,431.25	1/4	1,070.37	1/4	708.76	1/4	346.98	1/4		1/4		1/4	
1/2	2,508.04	1/2	2,146.60	1/2	1,785.16	1/2	1,423.72	1/2	1,062.85	1/2	701.22	1/2	339.45	1/2		1/2		1/2	
3/4	2,500.51	3/4	2,139.07	3/4	1,777.63	3/4	1,416.19	3/4	1,055.34	3/4	693.69	3/4	331.91	3/4		3/4		3/4	
4	2,492.98	4	2,131.54	4	1,770.10	4	1,408.66	4	1,047.82	4	686.15	4	324.37	4	4	4		4	
1/4	2,485.45	1/4	2,124.01	1/4	1,762.57	1/4	1,401.13	1/4	1,040.30	1/4	678.61	1/4	316.83	1/4		1/4		1/4	
1/2	2,477.92	1/2	2,116.48	1/2	1,755.04	1/2	1,393.60	1/2	1,032.79	1/2	671.08	1/2	309.30	1/2		1/2		1/2	
3/4	2,470.39	3/4	2,108.95	3/4	1,747.51	3/4	1,386.07	3/4	1,025.27	3/4	663.54	3/4	301.76	3/4		3/4		3/4	
5	2,462.86	5	2,101.42	5	1,739.98	5	1,378.55	5	1,017.74	5	656.00	5	294.22	5	5	5		5	
1/4	2,455.33	1/4	2,093.89	1/4	1,732.45	1/4	1,371.02	1/4	1,010.22	1/4	648.46	1/4	286.68	1/4		1/4		1/4	
1/2	2,447.80	1/2	2,086.36	1/2	1,724.92	1/2	1,363.50	1/2	1,002.69	1/2	640.93	1/2	279.15	1/2		1/2		1/2	
3/4	2,440.27	3/4	2,078.83	3/4	1,717.39	3/4	1,355.98	3/4	995.17	3/4	633.39	3/4	271.61	3/4		3/4		3/4	
6	2,432.74	6	2,071.30	6	1,709.86	6	1,348.46	6	987.63	6	625.85	6	264.07	6	6	6		6	
1/4	2,425.21	1/4	2,063.77	1/4	1,702.33	1/4	1,340.94	1/4	980.09	1/4	618.31	1/4	256.54	1/4		1/4		1/4	
1/2	2,417.68	1/2	2,056.24	1/2	1,694.80	1/2	1,333.43	1/2	972.56	1/2	610.78	1/2	249.00	1/2		1/2		1/2	
3/4	2,410.15	3/4	2,048.71	3/4	1,687.27	3/4	1,325.91	3/4	965.02	3/4	603.24	3/4	241.47	3/4		3/4		3/4	
7	2,402.62	7	2,041.18	7	1,679.74	7	1,318.39	7	957.48	7	595.70	7	233.93	7	7	7		7	
1/4	2,395.09	1/4	2,033.65	1/4	1,672.21	1/4	1,310.88	1/4	949.94	1/4	588.16	1/4	226.39	1/4		1/4		1/4	
1/2	2,387.56	1/2	2,026.12	1/2	1,664.68	1/2	1,303.36	1/2	942.41	1/2	580.63	1/2	218.86	1/2		1/2		1/2	
3/4	2,380.03	3/4	2,018.59	3/4	1,657.15	3/4	1,295.85	3/4	934.87	3/4	573.09	3/4	211.32	3/4		3/4		3/4	
8	2,372.50	8	2,011.06	8	1,649.62	8	1,288.33	8	927.33	8	565.55	8	203.78	8	8	8		8	
1/4	2,364.97	1/4	2,003.53	1/4	1,642.09	1/4	1,280.81	1/4	919.79	1/4	558.02	1/4	196.24	1/4		1/4		1/4	
1/2	2,357.44	1/2	1,996.00	1/2	1,634.56	1/2	1,273.30	1/2	912.26	1/2	550.48	1/2	188.71	1/2		1/2		1/2	
3/4	2,349.91	3/4	1,988.47	3/4	1,627.03	3/4	1,265.78	3/4	904.72	3/4	542.95	3/4	181.17	3/4		3/4		3/4	
9	2,342.38	9	1,980.94	9	1,619.50	9	1,258.26	9	897.18	9	535.41	9	173.63	9	9	9		9	
1/4	2,334.85	1/4	1,973.41	1/4	1,611.97	1/4	1,250.75	1/4	889.64	1/4	527.87	1/4	166.09	1/4		1/4		1/4	
1/2	2,327.32	1/2	1,965.88	1/2	1,604.44	1/2	1,243.23	1/2	882.11	1/2	520.34	1/2	158.56	1/2		1/2		1/2	
3/4	2,319.79	3/4	1,958.35	3/4	1,596.91	3/4	1,235.72	3/4	874.57	3/4	512.80	3/4	151.02	3/4		3/4		3/4	
10	2,312.26	10	1,950.82	10	1,589.38	10	1,228.20	10	867.03	10	505.26	10	143.48	10	10	10		10	
1/4	2,304.73	1/4	1,943.29	1/4	1,581.85	1/4	1,220.69	1/4	859.50	1/4	497.72	1/4	135.94	1/4		1/4		1/4	
1/2	2,297.20	1/2	1,935.76	1/2	1,574.32	1/2	1,213.17	1/2	851.96	1/2	490.19	1/2	128.41	1/2		1/2		1/2	
3/4	2,289.67	3/4	1,928.23	3/4	1,566.79	3/4	1,205.66	3/4	844.43	3/4	482.65	3/4	120.87	3/4		3/4		3/4	
11	2,282.14	11	1,920.70	11	1,559.26	11	1,198.14	11	836.89	11	475.11	11	113.33	11	11	11		11	
1/4	2,274.61	1/4	1,913.17	1/4	1,551.73	1/4	1,190.62	1/4	829.35	1/4	467.57	1/4	105.80	1/4		1/4		1/4	
1/2	2,267.08	1/2	1,905.64	1/2	1,544.20	1/2	1,183.11	1/2	821.82	1/2	460.04	1/2	98.26	1/2		1/2		1/2	
3/4	2,259.55	3/4	1,898.11	3/4	1,536.67	3/4	1,175.59	3/4	814.28	3/4	452.50	3/4	90.73	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2012 INS  
RECALCULATED: 11/28/2022 CL  
NAME CHANGE: 11/28/2022 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2022

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



# BARGE "KIRBY 30032"

## 2 PORT ULLAGE TABLE

### HERMETIC

#### GAUGE HEIGHT 17'-03"

#### FORMERLY "ACT 101"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	5,139.02	0	4,778.73	0	4,418.44	0	4,058.16	0	3,697.87	0	3,337.58	0	2,977.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,131.52	1/4	4,771.23	1/4	4,410.94	1/4	4,050.65	1/4	3,690.36	1/4	3,330.07	1/4	2,969.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,124.01	1/2	4,763.72	1/2	4,403.43	1/2	4,043.15	1/2	3,682.86	1/2	3,322.57	1/2	2,962.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,116.51	3/4	4,756.22	3/4	4,395.93	3/4	4,035.64	3/4	3,675.35	3/4	3,315.06	3/4	2,954.77
1		1		1		1	5,109.00	1	4,748.71	1	4,388.42	1	4,028.13	1	3,667.84	1	3,307.56	1	2,947.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,101.49	1/4	4,741.20	1/4	4,380.92	1/4	4,020.63	1/4	3,660.34	1/4	3,300.05	1/4	2,939.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,093.99	1/2	4,733.70	1/2	4,373.41	1/2	4,013.12	1/2	3,652.83	1/2	3,292.54	1/2	2,932.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,086.48	3/4	4,726.19	3/4	4,365.91	3/4	4,005.62	3/4	3,645.33	3/4	3,285.04	3/4	2,924.75
2		2		2		2	5,078.97	2	4,718.68	2	4,358.40	2	3,998.11	2	3,637.82	2	3,277.53	2	2,917.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,071.47	1/4	4,711.18	1/4	4,350.89	1/4	3,990.60	1/4	3,630.32	1/4	3,270.02	1/4	2,909.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,063.96	1/2	4,703.67	1/2	4,343.39	1/2	3,983.10	1/2	3,622.81	1/2	3,262.52	1/2	2,902.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,056.46	3/4	4,696.17	3/4	4,335.88	3/4	3,975.59	3/4	3,615.31	3/4	3,255.01	3/4	2,894.72
3		3	5,319.49	3	5,048.95	3	5,048.95	3	4,688.66	3	4,328.37	3	3,968.08	3	3,607.80	3	3,247.51	3	2,887.22
1/4	1/4	1/4	5,318.87	1/4	5,041.44	1/4	5,041.44	1/4	4,681.16	1/4	4,320.87	1/4	3,960.58	1/4	3,600.29	1/4	3,240.00	1/4	2,879.71
1/2	1/2	1/2	5,318.24	1/2	5,033.94	1/2	5,033.94	1/2	4,673.65	1/2	4,313.36	1/2	3,953.07	1/2	3,592.79	1/2	3,232.49	1/2	2,872.21
3/4	3/4	3/4	5,317.62	3/4	5,026.43	3/4	5,026.43	3/4	4,666.15	3/4	4,305.86	3/4	3,945.57	3/4	3,585.28	3/4	3,224.99	3/4	2,864.70
4		4	5,316.99	4	5,018.92	4	5,018.92	4	4,658.64	4	4,298.35	4	3,938.06	4	3,577.77	4	3,217.48	4	2,857.20
1/4	1/4	1/4	5,315.11	1/4	5,011.42	1/4	5,011.42	1/4	4,651.13	1/4	4,290.84	1/4	3,930.56	1/4	3,570.27	1/4	3,209.97	1/4	2,849.69
1/2	1/2	1/2	5,313.23	1/2	5,003.91	1/2	5,003.91	1/2	4,643.63	1/2	4,283.34	1/2	3,923.05	1/2	3,562.76	1/2	3,202.47	1/2	2,842.18
3/4	3/4	3/4	5,311.34	3/4	4,996.41	3/4	4,996.41	3/4	4,636.12	3/4	4,275.83	3/4	3,915.55	3/4	3,555.26	3/4	3,194.96	3/4	2,834.68
5		5	5,309.46	5	4,988.90	5	4,988.90	5	4,628.61	5	4,268.32	5	3,908.04	5	3,547.75	5	3,187.46	5	2,827.17
1/4	1/4	1/4	5,306.32	1/4	4,981.40	1/4	4,981.40	1/4	4,621.11	1/4	4,260.82	1/4	3,900.53	1/4	3,540.24	1/4	3,179.95	1/4	2,819.66
1/2	1/2	1/2	5,303.19	1/2	4,973.89	1/2	4,973.89	1/2	4,613.60	1/2	4,253.31	1/2	3,893.03	1/2	3,532.74	1/2	3,172.45	1/2	2,812.16
3/4	3/4	3/4	5,300.05	3/4	4,966.39	3/4	4,966.39	3/4	4,606.10	3/4	4,245.81	3/4	3,885.52	3/4	3,525.23	3/4	3,164.94	3/4	2,804.65
6		6	5,296.91	6	4,958.88	6	4,958.88	6	4,598.59	6	4,238.30	6	3,878.01	6	3,517.72	6	3,157.44	6	2,797.15
1/4	1/4	1/4	5,292.52	1/4	4,951.37	1/4	4,951.37	1/4	4,591.08	1/4	4,230.80	1/4	3,870.51	1/4	3,510.22	1/4	3,149.93	1/4	2,789.64
1/2	1/2	1/2	5,288.12	1/2	4,943.87	1/2	4,943.87	1/2	4,583.58	1/2	4,223.29	1/2	3,863.00	1/2	3,502.71	1/2	3,142.42	1/2	2,782.13
3/4	3/4	3/4	5,283.73	3/4	4,936.36	3/4	4,936.36	3/4	4,576.07	3/4	4,215.79	3/4	3,855.50	3/4	3,495.21	3/4	3,134.92	3/4	2,774.63
7		7	5,279.33	7	4,928.85	7	4,928.85	7	4,568.56	7	4,208.28	7	3,847.99	7	3,487.70	7	3,127.41	7	2,767.12
1/4	1/4	1/4	5,273.68	1/4	4,921.35	1/4	4,921.35	1/4	4,561.06	1/4	4,200.77	1/4	3,840.48	1/4	3,480.20	1/4	3,119.90	1/4	2,759.61
1/2	1/2	1/2	5,268.03	1/2	4,913.84	1/2	4,913.84	1/2	4,553.55	1/2	4,193.27	1/2	3,832.98	1/2	3,472.69	1/2	3,112.40	1/2	2,752.11
3/4	3/4	3/4	5,262.37	3/4	4,906.34	3/4	4,906.34	3/4	4,546.05	3/4	4,185.76	3/4	3,825.47	3/4	3,465.18	3/4	3,104.89	3/4	2,744.60
8		8	5,256.72	8	4,898.83	8	4,898.83	8	4,538.54	8	4,178.25	8	3,817.96	8	3,457.68	8	3,097.39	8	2,737.10
1/4	1/4	1/4	5,249.81	1/4	4,891.32	1/4	4,891.32	1/4	4,531.04	1/4	4,170.75	1/4	3,810.46	1/4	3,450.17	1/4	3,089.88	1/4	2,729.59
1/2	1/2	1/2	5,242.91	1/2	4,883.82	1/2	4,883.82	1/2	4,523.53	1/2	4,163.24	1/2	3,802.95	1/2	3,442.66	1/2	3,082.37	1/2	2,722.09
3/4	3/4	3/4	5,236.00	3/4	4,876.31	3/4	4,876.31	3/4	4,516.03	3/4	4,155.74	3/4	3,795.45	3/4	3,435.16	3/4	3,074.87	3/4	2,714.58
9		9	5,229.09	9	4,868.80	9	4,868.80	9	4,508.52	9	4,148.23	9	3,787.94	9	3,427.65	9	3,067.36	9	2,707.08
1/4	1/4	1/4	5,221.59	1/4	4,861.30	1/4	4,861.30	1/4	4,501.01	1/4	4,140.72	1/4	3,780.44	1/4	3,420.14	1/4	3,059.85	1/4	2,699.57
1/2	1/2	1/2	5,214.08	1/2	4,853.79	1/2	4,853.79	1/2	4,493.51	1/2	4,133.22	1/2	3,772.93	1/2	3,412.64	1/2	3,052.35	1/2	2,692.06
3/4	3/4	3/4	5,206.58	3/4	4,846.29	3/4	4,846.29	3/4	4,486.00	3/4	4,125.71	3/4	3,765.43	3/4	3,405.13	3/4	3,044.84	3/4	2,684.56
10		10	5,199.07	10	4,838.78	10	4,838.78	10	4,478.49	10	4,118.20	10	3,757.92	10	3,397.63	10	3,037.34	10	2,677.05
1/4	1/4	1/4	5,191.56	1/4	4,831.28	1/4	4,831.28	1/4	4,470.99	1/4	4,110.70	1/4	3,750.41	1/4	3,390.12	1/4	3,029.83	1/4	2,669.54
1/2	1/2	1/2	5,184.06	1/2	4,823.77	1/2	4,823.77	1/2	4,463.48	1/2	4,103.19	1/2	3,742.91	1/2	3,382.61	1/2	3,022.33	1/2	2,662.04
3/4	3/4	3/4	5,176.55	3/4	4,816.27	3/4	4,816.27	3/4	4,455.98	3/4	4,095.69	3/4	3,735.40	3/4	3,375.11	3/4	3,014.82	3/4	2,654.53
11		11	5,169.04	11	4,808.76	11	4,808.76	11	4,448.47	11	4,088.18	11	3,727.89	11	3,367.60	11	3,007.32	11	2,647.03
1/4	1/4	1/4	5,161.54	1/4	4,801.25	1/4	4,801.25	1/4	4,440.96	1/4	4,080.68	1/4	3,720.39	1/4	3,360.09	1/4	2,999.81	1/4	2,639.52
1/2	1/2	1/2	5,154.03	1/2	4,793.75	1/2	4,793.75	1/2	4,433.46	1/2	4,073.17	1/2	3,712.88	1/2	3,352.59	1/2	2,992.30	1/2	2,632.01
3/4	3/4	3/4	5,146.53	3/4	4,786.24	3/4	4,786.24	3/4	4,425.95	3/4	4,065.67	3/4	3,705.38	3/4	3,345.08	3/4	2,984.80	3/4	2,624.51

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-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 30032"

## 2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	2,617.00	0	2,256.72	0	1,896.43	0	1,536.14	0	1,175.59	0	814.28	0	452.50	0	90.73	0		0	
1/4	2,609.49	1/4	2,249.21	1/4	1,888.92	1/4	1,528.63	1/4	1,168.07	1/4	806.74	1/4	444.96	1/4	83.57	1/4		1/4	
1/2	2,601.99	1/2	2,241.70	1/2	1,881.41	1/2	1,521.13	1/2	1,160.56	1/2	799.20	1/2	437.42	1/2	76.41	1/2		1/2	
3/4	2,594.48	3/4	2,234.20	3/4	1,873.91	3/4	1,513.62	3/4	1,153.04	3/4	791.67	3/4	429.89	3/4	69.25	3/4		3/4	
1	2,586.98	1	2,226.69	1	1,866.40	1	1,506.12	1	1,145.53	1	784.13	1	422.35	1	62.09	1		1	
1/4	2,579.47	1/4	2,219.18	1/4	1,858.89	1/4	1,498.61	1/4	1,138.01	1/4	776.59	1/4	414.81	1/4	55.91	1/4		1/4	
1/2	2,571.97	1/2	2,211.68	1/2	1,851.39	1/2	1,491.10	1/2	1,130.49	1/2	769.05	1/2	407.28	1/2	49.74	1/2		1/2	
3/4	2,564.46	3/4	2,204.17	3/4	1,843.88	3/4	1,483.60	3/4	1,122.98	3/4	761.52	3/4	399.74	3/4	43.56	3/4		3/4	
2	2,556.96	2	2,196.67	2	1,836.38	2	1,476.09	2	1,115.46	2	753.98	2	392.21	2	37.39	2		2	
1/4	2,549.45	1/4	2,189.16	1/4	1,828.87	1/4	1,468.58	1/4	1,107.94	1/4	746.44	1/4	384.67	1/4	33.01	1/4		1/4	
1/2	2,541.94	1/2	2,181.65	1/2	1,821.37	1/2	1,461.08	1/2	1,100.43	1/2	738.90	1/2	377.13	1/2	28.63	1/2		1/2	
3/4	2,534.44	3/4	2,174.15	3/4	1,813.86	3/4	1,453.57	3/4	1,092.91	3/4	731.37	3/4	369.60	3/4	24.26	3/4		3/4	
3	2,526.93	3	2,166.64	3	1,806.36	3	1,446.07	3	1,085.40	3	723.83	3	362.06	3	19.88	3		3	
1/4	2,519.42	1/4	2,159.13	1/4	1,798.85	1/4	1,438.56	1/4	1,077.88	1/4	716.29	1/4	354.52	1/4		1/4		1/4	
1/2	2,511.92	1/2	2,151.63	1/2	1,791.34	1/2	1,431.05	1/2	1,070.37	1/2	708.76	1/2	346.98	1/2		1/2		1/2	
3/4	2,504.41	3/4	2,144.12	3/4	1,783.84	3/4	1,423.55	3/4	1,062.85	3/4	701.22	3/4	339.45	3/4		3/4		3/4	
4	2,496.91	4	2,136.62	4	1,776.33	4	1,416.04	4	1,055.34	4	693.69	4	331.91	4	4	4		4	
1/4	2,489.40	1/4	2,129.11	1/4	1,768.82	1/4	1,408.53	1/4	1,047.82	1/4	686.15	1/4	324.37	1/4		1/4		1/4	
1/2	2,481.89	1/2	2,121.61	1/2	1,761.32	1/2	1,401.03	1/2	1,040.30	1/2	678.61	1/2	316.83	1/2		1/2		1/2	
3/4	2,474.39	3/4	2,114.10	3/4	1,753.81	3/4	1,393.52	3/4	1,032.79	3/4	671.08	3/4	309.30	3/4		3/4		3/4	
5	2,466.88	5	2,106.60	5	1,746.31	5	1,386.02	5	1,025.27	5	663.54	5	301.76	5	5	5		5	
1/4	2,459.37	1/4	2,099.09	1/4	1,738.80	1/4	1,378.51	1/4	1,017.74	1/4	656.00	1/4	294.22	1/4		1/4		1/4	
1/2	2,451.87	1/2	2,091.58	1/2	1,731.29	1/2	1,371.00	1/2	1,010.22	1/2	648.46	1/2	286.68	1/2		1/2		1/2	
3/4	2,444.36	3/4	2,084.08	3/4	1,723.79	3/4	1,363.49	3/4	1,002.69	3/4	640.93	3/4	279.15	3/4		3/4		3/4	
6	2,436.86	6	2,076.57	6	1,716.28	6	1,355.98	6	995.17	6	633.39	6	271.61	6	6	6		6	
1/4	2,429.35	1/4	2,069.06	1/4	1,708.77	1/4	1,348.46	1/4	987.63	1/4	625.85	1/4	264.07	1/4		1/4		1/4	
1/2	2,421.85	1/2	2,061.56	1/2	1,701.27	1/2	1,340.94	1/2	980.09	1/2	618.31	1/2	256.54	1/2		1/2		1/2	
3/4	2,414.34	3/4	2,054.05	3/4	1,693.76	3/4	1,333.43	3/4	972.56	3/4	610.78	3/4	249.00	3/4		3/4		3/4	
7	2,406.84	7	2,046.55	7	1,686.26	7	1,325.91	7	965.02	7	603.24	7	241.47	7	7	7		7	
1/4	2,399.33	1/4	2,039.04	1/4	1,678.75	1/4	1,318.39	1/4	957.48	1/4	595.70	1/4	233.93	1/4		1/4		1/4	
1/2	2,391.82	1/2	2,031.53	1/2	1,671.25	1/2	1,310.88	1/2	949.94	1/2	588.16	1/2	226.39	1/2		1/2		1/2	
3/4	2,384.32	3/4	2,024.03	3/4	1,663.74	3/4	1,303.36	3/4	942.41	3/4	580.63	3/4	218.86	3/4		3/4		3/4	
8	2,376.81	8	2,016.52	8	1,656.24	8	1,295.85	8	934.87	8	573.09	8	211.32	8	8	8		8	
1/4	2,369.30	1/4	2,009.01	1/4	1,648.73	1/4	1,288.33	1/4	927.33	1/4	565.55	1/4	203.78	1/4		1/4		1/4	
1/2	2,361.80	1/2	2,001.51	1/2	1,641.22	1/2	1,280.81	1/2	919.79	1/2	558.02	1/2	196.24	1/2		1/2		1/2	
3/4	2,354.29	3/4	1,994.00	3/4	1,633.72	3/4	1,273.30	3/4	912.26	3/4	550.48	3/4	188.71	3/4		3/4		3/4	
9	2,346.79	9	1,986.50	9	1,626.21	9	1,265.78	9	904.72	9	542.95	9	181.17	9	9	9		9	
1/4	2,339.28	1/4	1,978.99	1/4	1,618.70	1/4	1,258.26	1/4	897.18	1/4	535.41	1/4	173.63	1/4		1/4		1/4	
1/2	2,331.77	1/2	1,971.49	1/2	1,611.20	1/2	1,250.75	1/2	889.64	1/2	527.87	1/2	166.09	1/2		1/2		1/2	
3/4	2,324.27	3/4	1,963.98	3/4	1,603.69	3/4	1,243.23	3/4	882.11	3/4	520.34	3/4	158.56	3/4		3/4		3/4	
10	2,316.76	10	1,956.48	10	1,596.19	10	1,235.72	10	874.57	10	512.80	10	151.02	10	10	10		10	
1/4	2,309.25	1/4	1,948.97	1/4	1,588.68	1/4	1,228.20	1/4	867.03	1/4	505.26	1/4	143.48	1/4		1/4		1/4	
1/2	2,301.75	1/2	1,941.46	1/2	1,581.17	1/2	1,220.69	1/2	859.50	1/2	497.72	1/2	135.94	1/2		1/2		1/2	
3/4	2,294.24	3/4	1,933.96	3/4	1,573.67	3/4	1,213.17	3/4	851.96	3/4	490.19	3/4	128.41	3/4		3/4		3/4	
11	2,286.74	11	1,926.45	11	1,566.16	11	1,205.66	11	844.43	11	482.65	11	120.87	11	11	11		11	
1/4	2,279.23	1/4	1,918.94	1/4	1,558.65	1/4	1,198.14	1/4	836.89	1/4	475.11	1/4	113.33	1/4		1/4		1/4	
1/2	2,271.73	1/2	1,911.44	1/2	1,551.15	1/2	1,190.62	1/2	829.35	1/2	467.57	1/2	105.80	1/2		1/2		1/2	
3/4	2,264.22	3/4	1,903.93	3/4	1,543.64	3/4	1,183.11	3/4	821.82	3/4	460.04	3/4	98.26	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2012 INS  
RECALCULATED: 11/28/2022 CL  
NAME CHANGE: 11/28/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2022

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



# BARGE "KIRBY 30032"

## 2 STBD ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	5,131.52	0	4,771.23	0	4,410.94	0	4,050.65	0	3,690.36	0	3,330.07	0	2,969.78
1/4		1/4		1/4		1/4	5,124.01	1/4	4,763.72	1/4	4,403.43	1/4	4,043.15	1/4	3,682.86	1/4	3,322.57	1/4	2,962.28
1/2		1/2		1/2		1/2	5,116.51	1/2	4,756.22	1/2	4,395.93	1/2	4,035.64	1/2	3,675.35	1/2	3,315.06	1/2	2,954.77
3/4		3/4		3/4		3/4	5,109.00	3/4	4,748.71	3/4	4,388.42	3/4	4,028.13	3/4	3,667.84	3/4	3,307.56	3/4	2,947.27
1		1		1		1	5,101.49	1	4,741.20	1	4,380.92	1	4,020.63	1	3,660.34	1	3,300.05	1	2,939.76
1/4		1/4		1/4		1/4	5,093.99	1/4	4,733.70	1/4	4,373.41	1/4	4,013.12	1/4	3,652.83	1/4	3,292.54	1/4	2,932.25
1/2		1/2		1/2		1/2	5,086.48	1/2	4,726.19	1/2	4,365.91	1/2	4,005.62	1/2	3,645.33	1/2	3,285.04	1/2	2,924.75
3/4		3/4		3/4		3/4	5,078.97	3/4	4,718.68	3/4	4,358.40	3/4	3,998.11	3/4	3,637.82	3/4	3,277.53	3/4	2,917.24
2		2		2		2	5,071.47	2	4,711.18	2	4,350.89	2	3,990.60	2	3,630.32	2	3,270.02	2	2,909.73
1/4		1/4		1/4		1/4	5,063.96	1/4	4,703.67	1/4	4,343.39	1/4	3,983.10	1/4	3,622.81	1/4	3,262.52	1/4	2,902.23
1/2		1/2		1/2		1/2	5,056.46	1/2	4,696.17	1/2	4,335.88	1/2	3,975.59	1/2	3,615.31	1/2	3,255.01	1/2	2,894.72
3/4		3/4		3/4		3/4	5,319.49	3/4	5,048.95	3/4	4,688.66	3/4	4,328.37	3/4	3,968.08	3/4	3,607.80	3/4	3,247.51
3		3		3		3	5,318.87	3	5,041.44	3	4,681.16	3	4,320.87	3	3,960.58	3	3,600.29	3	2,879.71
1/4		1/4		1/4		1/4	5,318.24	1/4	5,033.94	1/4	4,673.65	1/4	4,313.36	1/4	3,953.07	1/4	3,592.79	1/4	3,232.49
1/2		1/2		1/2		1/2	5,317.62	1/2	5,026.43	1/2	4,666.15	1/2	4,305.86	1/2	3,945.57	1/2	3,585.28	1/2	3,224.99
3/4		3/4		3/4		3/4	5,316.99	3/4	5,018.92	3/4	4,658.64	3/4	4,298.35	3/4	3,938.06	3/4	3,577.77	3/4	3,217.48
4		4		4		4	5,315.11	4	5,011.42	4	4,651.13	4	4,290.84	4	3,930.56	4	3,570.27	4	3,209.97
1/4		1/4		1/4		1/4	5,313.23	1/4	5,003.91	1/4	4,643.63	1/4	4,283.34	1/4	3,923.05	1/4	3,562.76	1/4	3,202.47
1/2		1/2		1/2		1/2	5,311.34	1/2	4,996.41	1/2	4,636.12	1/2	4,275.83	1/2	3,915.55	1/2	3,555.26	1/2	3,194.96
3/4		3/4		3/4		3/4	5,309.46	3/4	4,988.90	3/4	4,628.61	3/4	4,268.32	3/4	3,908.04	3/4	3,547.75	3/4	3,187.46
5		5		5		5	5,306.32	5	4,981.40	5	4,621.11	5	4,260.82	5	3,900.53	5	3,540.24	5	3,179.95
1/4		1/4		1/4		1/4	5,303.19	1/4	4,973.89	1/4	4,613.60	1/4	4,253.31	1/4	3,893.03	1/4	3,532.74	1/4	3,172.45
1/2		1/2		1/2		1/2	5,300.05	1/2	4,966.39	1/2	4,606.10	1/2	4,245.81	1/2	3,885.52	1/2	3,525.23	1/2	3,164.94
3/4		3/4		3/4		3/4	5,296.91	3/4	4,958.88	3/4	4,598.59	3/4	4,238.30	3/4	3,878.01	3/4	3,517.72	3/4	3,157.44
6		6		6		6	5,292.52	6	4,951.37	6	4,591.08	6	4,230.80	6	3,870.51	6	3,510.22	6	3,149.93
1/4		1/4		1/4		1/4	5,288.12	1/4	4,943.87	1/4	4,583.58	1/4	4,223.29	1/4	3,863.00	1/4	3,502.71	1/4	3,142.42
1/2		1/2		1/2		1/2	5,283.73	1/2	4,936.36	1/2	4,576.07	1/2	4,215.79	1/2	3,855.50	1/2	3,495.21	1/2	3,134.92
3/4		3/4		3/4		3/4	5,279.33	3/4	4,928.85	3/4	4,568.56	3/4	4,208.28	3/4	3,847.99	3/4	3,487.70	3/4	3,127.41
7		7		7		7	5,273.68	7	4,921.35	7	4,561.06	7	4,200.77	7	3,840.48	7	3,480.20	7	3,119.90
1/4		1/4		1/4		1/4	5,268.03	1/4	4,913.84	1/4	4,553.55	1/4	4,193.27	1/4	3,832.98	1/4	3,472.69	1/4	3,112.40
1/2		1/2		1/2		1/2	5,262.37	1/2	4,906.34	1/2	4,546.05	1/2	4,185.76	1/2	3,825.47	1/2	3,465.18	1/2	3,104.89
3/4		3/4		3/4		3/4	5,256.72	3/4	4,898.83	3/4	4,538.54	3/4	4,178.25	3/4	3,817.96	3/4	3,457.68	3/4	3,097.39
8		8		8		8	5,249.81	8	4,891.32	8	4,531.04	8	4,170.75	8	3,810.46	8	3,450.17	8	3,089.88
1/4		1/4		1/4		1/4	5,242.91	1/4	4,883.82	1/4	4,523.53	1/4	4,163.24	1/4	3,802.95	1/4	3,442.66	1/4	3,082.37
1/2		1/2		1/2		1/2	5,236.00	1/2	4,876.31	1/2	4,516.03	1/2	4,155.74	1/2	3,795.45	1/2	3,435.16	1/2	3,074.87
3/4		3/4		3/4		3/4	5,229.09	3/4	4,868.80	3/4	4,508.52	3/4	4,148.23	3/4	3,787.94	3/4	3,427.65	3/4	3,067.36
9		9		9		9	5,221.59	9	4,861.30	9	4,501.01	9	4,140.72	9	3,780.44	9	3,420.14	9	3,059.85
1/4		1/4		1/4		1/4	5,214.08	1/4	4,853.79	1/4	4,493.51	1/4	4,133.22	1/4	3,772.93	1/4	3,412.64	1/4	3,052.35
1/2		1/2		1/2		1/2	5,206.58	1/2	4,846.29	1/2	4,486.00	1/2	4,125.71	1/2	3,765.43	1/2	3,405.13	1/2	3,044.84
3/4		3/4		3/4		3/4	5,199.07	3/4	4,838.78	3/4	4,478.49	3/4	4,118.20	3/4	3,757.92	3/4	3,397.63	3/4	3,037.34
10		10		10		10	5,191.56	10	4,831.28	10	4,470.99	10	4,110.70	10	3,750.41	10	3,390.12	10	3,029.83
1/4		1/4		1/4		1/4	5,184.06	1/4	4,823.77	1/4	4,463.48	1/4	4,103.19	1/4	3,742.91	1/4	3,382.61	1/4	3,022.33
1/2		1/2		1/2		1/2	5,176.55	1/2	4,816.27	1/2	4,455.98	1/2	4,095.69	1/2	3,735.40	1/2	3,375.11	1/2	3,014.82
3/4		3/4		3/4		3/4	5,169.04	3/4	4,808.76	3/4	4,448.47	3/4	4,088.18	3/4	3,727.89	3/4	3,367.60	3/4	3,007.32
11		11		11		11	5,161.54	11	4,801.25	11	4,440.96	11	4,080.68	11	3,720.39	11	3,360.09	11	2,999.81
1/4		1/4		1/4		1/4	5,154.03	1/4	4,793.75	1/4	4,433.46	1/4	4,073.17	1/4	3,712.88	1/4	3,352.59	1/4	2,992.30
1/2		1/2		1/2		1/2	5,146.53	1/2	4,786.24	1/2	4,425.95	1/2	4,065.67	1/2	3,705.38	1/2	3,345.08	1/2	2,984.80
3/4		3/4		3/4		3/4	5,139.02	3/4	4,778.73	3/4	4,418.44	3/4	4,058.16	3/4	3,697.87	3/4	3,337.58	3/4	2,977.29

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-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 30032"

2 STBD

ULLAGE TABLE  
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	2,609.49	0	2,249.21	0	1,888.92	0	1,528.63	0	1,168.07	0	806.74	0	444.96	0	83.57	0		0	
1/4	2,601.99	1/4	2,241.70	1/4	1,881.41	1/4	1,521.13	1/4	1,160.56	1/4	799.20	1/4	437.42	1/4	76.41	1/4		1/4	
1/2	2,594.48	1/2	2,234.20	1/2	1,873.91	1/2	1,513.62	1/2	1,153.04	1/2	791.67	1/2	429.89	1/2	69.25	1/2		1/2	
3/4	2,586.98	3/4	2,226.69	3/4	1,866.40	3/4	1,506.12	3/4	1,145.53	3/4	784.13	3/4	422.35	3/4	62.09	3/4		3/4	
1	2,579.47	1	2,219.18	1	1,858.89	1	1,498.61	1	1,138.01	1	776.59	1	414.81	1	55.91	1		1	
1/4	2,571.97	1/4	2,211.68	1/4	1,851.39	1/4	1,491.10	1/4	1,130.49	1/4	769.05	1/4	407.28	1/4	49.74	1/4		1/4	
1/2	2,564.46	1/2	2,204.17	1/2	1,843.88	1/2	1,483.60	1/2	1,122.98	1/2	761.52	1/2	399.74	1/2	43.56	1/2		1/2	
3/4	2,556.96	3/4	2,196.67	3/4	1,836.38	3/4	1,476.09	3/4	1,115.46	3/4	753.98	3/4	392.21	3/4	37.39	3/4		3/4	
2	2,549.45	2	2,189.16	2	1,828.87	2	1,468.58	2	1,107.94	2	746.44	2	384.67	2	33.01	2		2	
1/4	2,541.94	1/4	2,181.65	1/4	1,821.37	1/4	1,461.08	1/4	1,100.43	1/4	738.90	1/4	377.13	1/4	28.63	1/4		1/4	
1/2	2,534.44	1/2	2,174.15	1/2	1,813.86	1/2	1,453.57	1/2	1,092.91	1/2	731.37	1/2	369.60	1/2	24.26	1/2		1/2	
3/4	2,526.93	3/4	2,166.64	3/4	1,806.36	3/4	1,446.07	3/4	1,085.40	3/4	723.83	3/4	362.06	3/4	19.88	3/4		3/4	
3	2,519.42	3	2,159.13	3	1,798.85	3	1,438.56	3	1,077.88	3	716.29	3	354.52	3		3		3	
1/4	2,511.92	1/4	2,151.63	1/4	1,791.34	1/4	1,431.05	1/4	1,070.37	1/4	708.76	1/4	346.98	1/4		1/4		1/4	
1/2	2,504.41	1/2	2,144.12	1/2	1,783.84	1/2	1,423.55	1/2	1,062.85	1/2	701.22	1/2	339.45	1/2		1/2		1/2	
3/4	2,496.91	3/4	2,136.62	3/4	1,776.33	3/4	1,416.04	3/4	1,055.34	3/4	693.69	3/4	331.91	3/4		3/4		3/4	
4	2,489.40	4	2,129.11	4	1,768.82	4	1,408.53	4	1,047.82	4	686.15	4	324.37	4		4		4	
1/4	2,481.89	1/4	2,121.61	1/4	1,761.32	1/4	1,401.03	1/4	1,040.30	1/4	678.61	1/4	316.83	1/4		1/4		1/4	
1/2	2,474.39	1/2	2,114.10	1/2	1,753.81	1/2	1,393.52	1/2	1,032.79	1/2	671.08	1/2	309.30	1/2		1/2		1/2	
3/4	2,466.88	3/4	2,106.60	3/4	1,746.31	3/4	1,386.02	3/4	1,025.27	3/4	663.54	3/4	301.76	3/4		3/4		3/4	
5	2,459.37	5	2,099.09	5	1,738.80	5	1,378.51	5	1,017.74	5	656.00	5	294.22	5		5		5	
1/4	2,451.87	1/4	2,091.58	1/4	1,731.29	1/4	1,371.00	1/4	1,010.22	1/4	648.46	1/4	286.68	1/4		1/4		1/4	
1/2	2,444.36	1/2	2,084.08	1/2	1,723.79	1/2	1,363.49	1/2	1,002.69	1/2	640.93	1/2	279.15	1/2		1/2		1/2	
3/4	2,436.86	3/4	2,076.57	3/4	1,716.28	3/4	1,355.98	3/4	995.17	3/4	633.39	3/4	271.61	3/4		3/4		3/4	
6	2,429.35	6	2,069.06	6	1,708.77	6	1,348.46	6	987.63	6	625.85	6	264.07	6		6		6	
1/4	2,421.85	1/4	2,061.56	1/4	1,701.27	1/4	1,340.94	1/4	980.09	1/4	618.31	1/4	256.54	1/4		1/4		1/4	
1/2	2,414.34	1/2	2,054.05	1/2	1,693.76	1/2	1,333.43	1/2	972.56	1/2	610.78	1/2	249.00	1/2		1/2		1/2	
3/4	2,406.84	3/4	2,046.55	3/4	1,686.26	3/4	1,325.91	3/4	965.02	3/4	603.24	3/4	241.47	3/4		3/4		3/4	
7	2,399.33	7	2,039.04	7	1,678.75	7	1,318.39	7	957.48	7	595.70	7	233.93	7		7		7	
1/4	2,391.82	1/4	2,031.53	1/4	1,671.25	1/4	1,310.88	1/4	949.94	1/4	588.16	1/4	226.39	1/4		1/4		1/4	
1/2	2,384.32	1/2	2,024.03	1/2	1,663.74	1/2	1,303.36	1/2	942.41	1/2	580.63	1/2	218.86	1/2		1/2		1/2	
3/4	2,376.81	3/4	2,016.52	3/4	1,656.24	3/4	1,295.85	3/4	934.87	3/4	573.09	3/4	211.32	3/4		3/4		3/4	
8	2,369.30	8	2,009.01	8	1,648.73	8	1,288.33	8	927.33	8	565.55	8	203.78	8		8		8	
1/4	2,361.80	1/4	2,001.51	1/4	1,641.22	1/4	1,280.81	1/4	919.79	1/4	558.02	1/4	196.24	1/4		1/4		1/4	
1/2	2,354.29	1/2	1,994.00	1/2	1,633.72	1/2	1,273.30	1/2	912.26	1/2	550.48	1/2	188.71	1/2		1/2		1/2	
3/4	2,346.79	3/4	1,986.50	3/4	1,626.21	3/4	1,265.78	3/4	904.72	3/4	542.95	3/4	181.17	3/4		3/4		3/4	
9	2,339.28	9	1,978.99	9	1,618.70	9	1,258.26	9	897.18	9	535.41	9	173.63	9		9		9	
1/4	2,331.77	1/4	1,971.49	1/4	1,611.20	1/4	1,250.75	1/4	889.64	1/4	527.87	1/4	166.09	1/4		1/4		1/4	
1/2	2,324.27	1/2	1,963.98	1/2	1,603.69	1/2	1,243.23	1/2	882.11	1/2	520.34	1/2	158.56	1/2		1/2		1/2	
3/4	2,316.76	3/4	1,956.48	3/4	1,596.19	3/4	1,235.72	3/4	874.57	3/4	512.80	3/4	151.02	3/4		3/4		3/4	
10	2,309.25	10	1,948.97	10	1,588.68	10	1,228.20	10	867.03	10	505.26	10	143.48	10		10		10	
1/4	2,301.75	1/4	1,941.46	1/4	1,581.17	1/4	1,220.69	1/4	859.50	1/4	497.72	1/4	135.94	1/4		1/4		1/4	
1/2	2,294.24	1/2	1,933.96	1/2	1,573.67	1/2	1,213.17	1/2	851.96	1/2	490.19	1/2	128.41	1/2		1/2		1/2	
3/4	2,286.74	3/4	1,926.45	3/4	1,566.16	3/4	1,205.66	3/4	844.43	3/4	482.65	3/4	120.87	3/4		3/4		3/4	
11	2,279.23	11	1,918.94	11	1,558.65	11	1,198.14	11	836.89	11	475.11	11	113.33	11		11		11	
1/4	2,271.73	1/4	1,911.44	1/4	1,551.15	1/4	1,190.62	1/4	829.35	1/4	467.57	1/4	105.80	1/4		1/4		1/4	
1/2	2,264.22	1/2	1,903.93	1/2	1,543.64	1/2	1,183.11	1/2	821.82	1/2	460.04	1/2	98.26	1/2		1/2		1/2	
3/4	2,256.72	3/4	1,896.43	3/4	1,536.14	3/4	1,175.59	3/4	814.28	3/4	452.50	3/4	90.73	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2012 INS  
RECALCULATED: 11/28/2022 CL  
NAME CHANGE: 11/28/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2022

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



# BARGE "KIRBY 30032"

## 3 PORT ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	4,269.78	0	4,077.00	0	3,884.24	0	3,691.47	0	3,498.70	0	3,301.88	0	2,963.06
1/4		1/4		1/4		1/4	4,265.76	1/4	4,072.99	1/4	3,880.22	1/4	3,687.46	1/4	3,494.69	1/4	3,296.70	1/4	2,955.55
1/2		1/2		1/2		1/2	4,261.75	1/2	4,068.97	1/2	3,876.21	1/2	3,683.44	1/2	3,490.67	1/2	3,291.53	1/2	2,948.03
3/4		3/4		3/4		3/4	4,257.73	3/4	4,064.96	3/4	3,872.19	3/4	3,679.42	3/4	3,486.65	3/4	3,286.35	3/4	2,940.52
1		1		1		1	4,253.71	1	4,060.94	1	3,868.18	1	3,675.41	1	3,482.64	1	3,280.60	1	2,933.01
1/4		1/4		1/4		1/4	4,249.70	1/4	4,056.92	1/4	3,864.16	1/4	3,671.39	1/4	3,478.62	1/4	3,274.84	1/4	2,925.50
1/2		1/2		1/2		1/2	4,245.68	1/2	4,052.91	1/2	3,860.15	1/2	3,667.38	1/2	3,474.61	1/2	3,269.09	1/2	2,917.98
3/4		3/4		3/4		3/4	4,241.66	3/4	4,048.89	3/4	3,856.13	3/4	3,663.36	3/4	3,470.59	3/4	3,263.33	3/4	2,910.47
2		2		2		2	4,237.65	2	4,044.87	2	3,852.11	2	3,659.34	2	3,466.58	2	3,257.00	2	2,902.96
1/4		1/4		1/4		1/4	4,233.63	1/4	4,040.86	1/4	3,848.10	1/4	3,655.33	1/4	3,462.56	1/4	3,250.66	1/4	2,895.45
1/2		1/2		1/2		1/2	4,229.62	1/2	4,036.84	1/2	3,844.08	1/2	3,651.31	1/2	3,458.55	1/2	3,244.33	1/2	2,887.93
3/4		3/4		3/4		3/4	4,370.14	3/4	4,225.60	3/4	4,032.83	3/4	3,840.06	3/4	3,647.29	3/4	3,454.53	3/4	3,237.99
3		3		3		3	4,369.81	3	4,221.58	3	4,028.81	3	3,836.05	3	3,643.28	3	3,450.51	3	3,231.08
1/4		1/4		1/4		1/4	4,369.48	1/4	4,217.57	1/4	4,024.80	1/4	3,832.03	1/4	3,639.26	1/4	3,446.50	1/4	3,224.16
1/2		1/2		1/2		1/2	4,369.14	1/2	4,213.55	1/2	4,020.78	1/2	3,828.02	1/2	3,635.25	1/2	3,442.48	1/2	3,217.25
3/4		3/4		3/4		3/4	4,368.81	3/4	4,209.53	3/4	4,016.77	3/4	3,824.00	3/4	3,631.23	3/4	3,438.46	3/4	3,210.33
4		4		4		4	4,367.81	4	4,205.52	4	4,012.75	4	3,819.98	4	3,627.22	4	3,434.45	4	3,202.97
1/4		1/4		1/4		1/4	4,366.81	1/4	4,201.50	1/4	4,008.73	1/4	3,815.97	1/4	3,623.20	1/4	3,430.43	1/4	3,195.62
1/2		1/2		1/2		1/2	4,365.81	1/2	4,197.49	1/2	4,004.72	1/2	3,811.95	1/2	3,619.19	1/2	3,426.42	1/2	3,188.26
3/4		3/4		3/4		3/4	4,364.81	3/4	4,193.47	3/4	4,000.70	3/4	3,807.93	3/4	3,615.17	3/4	3,422.40	3/4	3,180.90
5		5		5		5	4,363.14	5	4,189.45	5	3,996.68	5	3,803.92	5	3,611.15	5	3,418.38	5	3,173.39
1/4		1/4		1/4		1/4	4,361.47	1/4	4,185.44	1/4	3,992.67	1/4	3,799.90	1/4	3,607.14	1/4	3,414.37	1/4	3,165.88
1/2		1/2		1/2		1/2	4,359.79	1/2	4,181.42	1/2	3,988.65	1/2	3,795.89	1/2	3,603.12	1/2	3,410.35	1/2	3,158.36
3/4		3/4		3/4		3/4	4,358.12	3/4	4,177.41	3/4	3,984.64	3/4	3,791.87	3/4	3,599.10	3/4	3,406.33	3/4	3,150.85
6		6		6		6	4,355.78	6	4,173.39	6	3,980.62	6	3,787.86	6	3,595.09	6	3,402.32	6	3,143.34
1/4		1/4		1/4		1/4	4,353.44	1/4	4,169.37	1/4	3,976.60	1/4	3,783.84	1/4	3,591.07	1/4	3,398.30	1/4	3,135.83
1/2		1/2		1/2		1/2	4,351.09	1/2	4,165.36	1/2	3,972.59	1/2	3,779.83	1/2	3,587.06	1/2	3,394.29	1/2	3,128.32
3/4		3/4		3/4		3/4	4,348.75	3/4	4,161.34	3/4	3,968.57	3/4	3,775.81	3/4	3,583.04	3/4	3,390.27	3/4	3,120.81
7		7		7		7	4,345.74	7	4,157.32	7	3,964.55	7	3,771.79	7	3,579.02	7	3,386.26	7	3,113.30
1/4		1/4		1/4		1/4	4,342.73	1/4	4,153.31	1/4	3,960.54	1/4	3,767.78	1/4	3,575.01	1/4	3,382.24	1/4	3,105.79
1/2		1/2		1/2		1/2	4,339.72	1/2	4,149.29	1/2	3,956.52	1/2	3,763.76	1/2	3,570.99	1/2	3,378.23	1/2	3,098.27
3/4		3/4		3/4		3/4	4,336.71	3/4	4,145.28	3/4	3,952.51	3/4	3,759.74	3/4	3,566.97	3/4	3,374.21	3/4	3,090.76
8		8		8		8	4,333.03	8	4,141.26	8	3,948.49	8	3,755.73	8	3,562.96	8	3,370.19	8	3,083.25
1/4		1/4		1/4		1/4	4,329.35	1/4	4,137.24	1/4	3,944.48	1/4	3,751.71	1/4	3,558.94	1/4	3,366.18	1/4	3,075.74
1/2		1/2		1/2		1/2	4,325.66	1/2	4,133.23	1/2	3,940.46	1/2	3,747.70	1/2	3,554.93	1/2	3,362.16	1/2	3,068.22
3/4		3/4		3/4		3/4	4,321.98	3/4	4,129.21	3/4	3,936.45	3/4	3,743.68	3/4	3,550.91	3/4	3,358.14	3/4	3,060.71
9		9		9		9	4,317.97	9	4,125.19	9	3,932.43	9	3,739.66	9	3,546.90	9	3,354.13	9	3,053.20
1/4		1/4		1/4		1/4	4,313.95	1/4	4,121.18	1/4	3,928.41	1/4	3,735.65	1/4	3,542.88	1/4	3,350.11	1/4	3,045.69
1/2		1/2		1/2		1/2	4,309.94	1/2	4,117.16	1/2	3,924.40	1/2	3,731.63	1/2	3,538.87	1/2	3,346.10	1/2	3,038.17
3/4		3/4		3/4		3/4	4,305.92	3/4	4,113.15	3/4	3,920.38	3/4	3,727.61	3/4	3,534.85	3/4	3,342.08	3/4	3,030.66
10		10		10		10	4,301.90	10	4,109.13	10	3,916.36	10	3,723.60	10	3,530.83	10	3,337.92	10	3,023.15
1/4		1/4		1/4		1/4	4,297.89	1/4	4,105.12	1/4	3,912.35	1/4	3,719.58	1/4	3,526.82	1/4	3,333.76	1/4	3,015.64
1/2		1/2		1/2		1/2	4,293.87	1/2	4,101.10	1/2	3,908.34	1/2	3,715.57	1/2	3,522.80	1/2	3,329.59	1/2	3,008.12
3/4		3/4		3/4		3/4	4,289.85	3/4	4,097.09	3/4	3,904.32	3/4	3,711.55	3/4	3,518.78	3/4	3,325.43	3/4	3,000.61
11		11		11		11	4,285.84	11	4,093.07	11	3,900.30	11	3,707.54	11	3,514.77	11	3,320.84	11	2,993.10
1/4		1/4		1/4		1/4	4,281.82	1/4	4,089.05	1/4	3,896.29	1/4	3,703.52	1/4	3,510.75	1/4	3,316.24	1/4	2,985.59
1/2		1/2		1/2		1/2	4,277.81	1/2	4,085.04	1/2	3,892.27	1/2	3,699.51	1/2	3,506.74	1/2	3,311.65	1/2	2,978.08
3/4		3/4		3/4		3/4	4,273.79	3/4	4,081.02	3/4	3,888.25	3/4	3,695.49	3/4	3,502.72	3/4	3,307.05	3/4	2,970.57

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-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 30032"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	2,602.48	0	2,241.90	0	1,881.33	0	1,520.75	0	1,161.26	0	802.03	0	442.37	0	83.08	0		0	
1/4	2,594.97	1/4	2,234.39	1/4	1,873.82	1/4	1,513.24	1/4	1,153.79	1/4	794.54	1/4	434.88	1/4	75.96	1/4		1/4	
1/2	2,587.45	1/2	2,226.88	1/2	1,866.30	1/2	1,505.72	1/2	1,146.31	1/2	787.04	1/2	427.38	1/2	68.84	1/2		1/2	
3/4	2,579.94	3/4	2,219.37	3/4	1,858.79	3/4	1,498.21	3/4	1,138.84	3/4	779.55	3/4	419.89	3/4	61.72	3/4		3/4	
1	2,572.43	1	2,211.86	1	1,851.28	1	1,490.70	1	1,131.37	1	772.06	1	412.40	1	55.73	1		1	
1/4	2,564.92	1/4	2,204.35	1/4	1,843.77	1/4	1,483.19	1/4	1,123.90	1/4	764.57	1/4	404.91	1/4	49.74	1/4		1/4	
1/2	2,557.40	1/2	2,196.83	1/2	1,836.25	1/2	1,475.68	1/2	1,116.42	1/2	757.07	1/2	397.41	1/2	43.74	1/2		1/2	
3/4	2,549.89	3/4	2,189.32	3/4	1,828.74	3/4	1,468.17	3/4	1,108.95	3/4	749.58	3/4	389.92	3/4	37.75	3/4		3/4	
2	2,542.38	2	2,181.81	2	1,821.23	2	1,460.66	2	1,101.48	2	742.09	2	382.43	2	33.26	2		2	
1/4	2,534.87	1/4	2,174.30	1/4	1,813.72	1/4	1,453.15	1/4	1,094.01	1/4	734.60	1/4	374.93	1/4	28.76	1/4		1/4	
1/2	2,527.36	1/2	2,166.78	1/2	1,806.20	1/2	1,445.63	1/2	1,086.53	1/2	727.10	1/2	367.44	1/2	24.27	1/2		1/2	
3/4	2,519.85	3/4	2,159.27	3/4	1,798.69	3/4	1,438.12	3/4	1,079.06	3/4	719.61	3/4	359.94	3/4	19.77	3/4		3/4	
3	2,512.34	3	2,151.76	3	1,791.18	3	1,430.61	3	1,071.59	3	712.12	3	352.45	3		3		3	
1/4	2,504.83	1/4	2,144.25	1/4	1,783.67	1/4	1,423.10	1/4	1,064.12	1/4	704.63	1/4	344.96	1/4		1/4		1/4	
1/2	2,497.31	1/2	2,136.73	1/2	1,776.16	1/2	1,415.58	1/2	1,056.64	1/2	697.13	1/2	337.46	1/2		1/2		1/2	
3/4	2,489.80	3/4	2,129.22	3/4	1,768.65	3/4	1,408.07	3/4	1,048.17	3/4	689.64	3/4	329.97	3/4		3/4		3/4	
4	2,482.29	4	2,121.71	4	1,761.14	4	1,400.56	4	1,041.70	4	682.15	4	322.48	4		4		4	
1/4	2,474.78	1/4	2,114.20	1/4	1,753.63	1/4	1,393.05	1/4	1,034.23	1/4	674.65	1/4	314.99	1/4		1/4		1/4	
1/2	2,467.26	1/2	2,106.68	1/2	1,746.11	1/2	1,385.53	1/2	1,026.76	1/2	667.16	1/2	307.49	1/2		1/2		1/2	
3/4	2,459.75	3/4	2,099.17	3/4	1,738.60	3/4	1,378.02	3/4	1,019.29	3/4	659.66	3/4	300.00	3/4		3/4		3/4	
5	2,452.24	5	2,091.66	5	1,731.09	5	1,370.53	5	1,011.81	5	652.17	5	292.51	5		5		5	
1/4	2,444.73	1/4	2,084.15	1/4	1,723.58	1/4	1,363.04	1/4	1,004.33	1/4	644.68	1/4	285.02	1/4		1/4		1/4	
1/2	2,437.21	1/2	2,076.64	1/2	1,716.06	1/2	1,355.54	1/2	996.84	1/2	637.18	1/2	277.52	1/2		1/2		1/2	
3/4	2,429.70	3/4	2,069.13	3/4	1,708.55	3/4	1,348.05	3/4	989.36	3/4	629.69	3/4	270.03	3/4		3/4		3/4	
6	2,422.19	6	2,061.62	6	1,701.04	6	1,340.58	6	981.87	6	622.20	6	262.54	6		6		6	
1/4	2,414.68	1/4	2,054.11	1/4	1,693.53	1/4	1,333.11	1/4	974.37	1/4	614.71	1/4	255.05	1/4		1/4		1/4	
1/2	2,407.16	1/2	2,046.59	1/2	1,686.01	1/2	1,325.64	1/2	966.88	1/2	607.21	1/2	247.55	1/2		1/2		1/2	
3/4	2,399.65	3/4	2,039.08	3/4	1,678.50	3/4	1,318.17	3/4	959.38	3/4	599.72	3/4	240.06	3/4		3/4		3/4	
7	2,392.14	7	2,031.57	7	1,670.99	7	1,310.70	7	951.89	7	592.23	7	232.57	7		7		7	
1/4	2,384.63	1/4	2,024.06	1/4	1,663.48	1/4	1,303.23	1/4	944.40	1/4	584.74	1/4	225.07	1/4		1/4		1/4	
1/2	2,377.12	1/2	2,016.54	1/2	1,655.96	1/2	1,295.75	1/2	936.90	1/2	577.24	1/2	217.58	1/2		1/2		1/2	
3/4	2,369.61	3/4	2,009.03	3/4	1,648.45	3/4	1,288.28	3/4	929.41	3/4	569.75	3/4	210.08	3/4		3/4		3/4	
8	2,362.10	8	2,001.52	8	1,640.94	8	1,280.81	8	921.92	8	562.26	8	202.59	8		8		8	
1/4	2,354.59	1/4	1,994.01	1/4	1,633.43	1/4	1,273.34	1/4	914.43	1/4	554.77	1/4	195.10	1/4		1/4		1/4	
1/2	2,347.07	1/2	1,986.49	1/2	1,625.92	1/2	1,265.86	1/2	906.93	1/2	547.27	1/2	187.60	1/2		1/2		1/2	
3/4	2,339.56	3/4	1,978.98	3/4	1,618.41	3/4	1,258.39	3/4	899.44	3/4	539.78	3/4	180.11	3/4		3/4		3/4	
9	2,332.05	9	1,971.47	9	1,610.90	9	1,250.92	9	891.95	9	532.29	9	172.62	9		9		9	
1/4	2,324.54	1/4	1,963.96	1/4	1,603.39	1/4	1,243.45	1/4	884.46	1/4	524.79	1/4	165.13	1/4		1/4		1/4	
1/2	2,317.02	1/2	1,956.44	1/2	1,595.87	1/2	1,235.97	1/2	876.96	1/2	517.30	1/2	157.63	1/2		1/2		1/2	
3/4	2,309.51	3/4	1,948.93	3/4	1,588.36	3/4	1,228.50	3/4	869.47	3/4	509.80	3/4	150.14	3/4		3/4		3/4	
10	2,302.00	10	1,941.42	10	1,580.85	10	1,221.03	10	861.98	10	502.31	10	142.65	10		10		10	
1/4	2,294.49	1/4	1,933.91	1/4	1,573.34	1/4	1,213.56	1/4	854.49	1/4	494.82	1/4	135.16	1/4		1/4		1/4	
1/2	2,286.97	1/2	1,926.40	1/2	1,565.82	1/2	1,206.08	1/2	846.99	1/2	487.32	1/2	127.66	1/2		1/2		1/2	
3/4	2,279.46	3/4	1,918.89	3/4	1,558.31	3/4	1,198.61	3/4	839.50	3/4	479.83	3/4	120.17	3/4		3/4		3/4	
11	2,271.95	11	1,911.38	11	1,550.80	11	1,191.14	11	832.01	11	472.34	11	112.68	11		11		11	
1/4	2,264.44	1/4	1,903.87	1/4	1,543.29	1/4	1,183.67	1/4	824.51	1/4	464.85	1/4	105.19	1/4		1/4		1/4	
1/2	2,256.92	1/2	1,896.35	1/2	1,535.77	1/2	1,176.20	1/2	817.02	1/2	457.35	1/2	97.69	1/2		1/2		1/2	
3/4	2,249.41	3/4	1,888.84	3/4	1,528.26	3/4	1,168.73	3/4	809.52	3/4	449.86	3/4	90.20	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2012 INS  
RECALCULATED: 11/28/2022 CL  
NAME CHANGE: 11/28/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2022

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



# BARGE "KIRBY 30032"

## 3 STBD ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	4,269.78	0	4,077.00	0	3,884.24	0	3,691.47	0	3,498.70	0	3,301.88	0	2,963.06		
1/4		1/4		1/4		1/4	4,265.76	1/4	4,072.99	1/4	3,880.22	1/4	3,687.46	1/4	3,494.69	1/4	3,296.70	1/4	2,955.55		
1/2		1/2		1/2		1/2	4,261.75	1/2	4,068.97	1/2	3,876.21	1/2	3,683.44	1/2	3,490.67	1/2	3,291.53	1/2	2,948.03		
3/4		3/4		3/4		3/4	4,257.73	3/4	4,064.96	3/4	3,872.19	3/4	3,679.42	3/4	3,486.65	3/4	3,286.35	3/4	2,940.52		
1		1		1		1	4,253.71	1	4,060.94	1	3,868.18	1	3,675.41	1	3,482.64	1	3,280.60	1	2,933.01		
1/4		1/4		1/4		1/4	4,249.70	1/4	4,056.92	1/4	3,864.16	1/4	3,671.39	1/4	3,478.62	1/4	3,274.84	1/4	2,925.50		
1/2		1/2		1/2		1/2	4,245.68	1/2	4,052.91	1/2	3,860.15	1/2	3,667.38	1/2	3,474.61	1/2	3,269.09	1/2	2,917.98		
3/4		3/4		3/4		3/4	4,241.66	3/4	4,048.89	3/4	3,856.13	3/4	3,663.36	3/4	3,470.59	3/4	3,263.33	3/4	2,910.47		
2		2		2		2	4,237.65	2	4,044.87	2	3,852.11	2	3,659.34	2	3,466.58	2	3,257.00	2	2,902.96		
1/4		1/4		1/4		1/4	4,233.63	1/4	4,040.86	1/4	3,848.10	1/4	3,655.33	1/4	3,462.56	1/4	3,250.66	1/4	2,895.45		
1/2		1/2		1/2		1/2	4,229.62	1/2	4,036.84	1/2	3,844.08	1/2	3,651.31	1/2	3,458.55	1/2	3,244.33	1/2	2,887.93		
3/4		3/4		3/4		3/4	4,370.14	3/4	4,032.83	3/4	3,840.06	3/4	3,647.29	3/4	3,454.53	3/4	3,237.99	3/4	2,880.42		
3		3		3		3	4,369.81	3	4,028.81	3	3,836.05	3	3,643.28	3	3,450.51	3	3,231.08	3	2,872.91		
1/4		1/4		1/4		1/4	4,369.48	1/4	4,024.80	1/4	3,832.03	1/4	3,639.26	1/4	3,446.50	1/4	3,224.16	1/4	2,865.40		
1/2		1/2		1/2		1/2	4,369.14	1/2	4,021.55	1/2	3,828.02	1/2	3,635.25	1/2	3,442.48	1/2	3,217.25	1/2	2,857.88		
3/4		3/4		3/4		3/4	4,368.81	3/4	4,019.53	3/4	3,824.00	3/4	3,631.23	3/4	3,438.46	3/4	3,210.33	3/4	2,850.37		
4		4		4		4	4,367.81	4	4,015.52	4	3,819.98	4	3,627.22	4	3,434.45	4	3,202.97	4	2,842.86		
1/4		1/4		1/4		1/4	4,366.81	1/4	4,011.50	1/4	3,815.97	1/4	3,623.20	1/4	3,430.43	1/4	3,195.62	1/4	2,835.35		
1/2		1/2		1/2		1/2	4,365.81	1/2	4,197.49	1/2	3,811.95	1/2	3,619.19	1/2	3,426.42	1/2	3,188.26	1/2	2,827.84		
3/4		3/4		3/4		3/4	4,364.81	3/4	4,193.47	3/4	3,807.93	3/4	3,615.17	3/4	3,422.40	3/4	3,180.90	3/4	2,820.33		
5		5		5		5	4,363.14	5	4,189.45	5	3,803.92	5	3,611.15	5	3,418.38	5	3,173.39	5	2,812.82		
1/4		1/4		1/4		1/4	4,361.47	1/4	4,185.44	1/4	3,992.67	1/4	3,799.90	1/4	3,607.14	1/4	3,414.37	1/4	3,165.88	1/4	2,805.31
1/2		1/2		1/2		1/2	4,359.79	1/2	4,181.42	1/2	3,988.65	1/2	3,795.89	1/2	3,603.12	1/2	3,410.35	1/2	3,158.36	1/2	2,797.79
3/4		3/4		3/4		3/4	4,358.12	3/4	4,177.41	3/4	3,984.64	3/4	3,791.87	3/4	3,599.10	3/4	3,406.33	3/4	3,150.85	3/4	2,790.28
6		6		6		6	4,355.78	6	4,173.39	6	3,980.62	6	3,787.86	6	3,595.09	6	3,402.32	6	3,143.34	6	2,782.77
1/4		1/4		1/4		1/4	4,353.44	1/4	4,169.37	1/4	3,976.60	1/4	3,783.84	1/4	3,591.07	1/4	3,398.30	1/4	3,135.83	1/4	2,775.26
1/2		1/2		1/2		1/2	4,351.09	1/2	4,165.36	1/2	3,972.59	1/2	3,779.83	1/2	3,587.06	1/2	3,394.29	1/2	3,128.32	1/2	2,767.74
3/4		3/4		3/4		3/4	4,348.75	3/4	4,161.34	3/4	3,968.57	3/4	3,775.81	3/4	3,583.04	3/4	3,390.27	3/4	3,120.81	3/4	2,760.23
7		7		7		7	4,345.74	7	4,157.32	7	3,964.55	7	3,771.79	7	3,579.02	7	3,386.26	7	3,113.30	7	2,752.72
1/4		1/4		1/4		1/4	4,342.73	1/4	4,153.31	1/4	3,960.54	1/4	3,767.78	1/4	3,575.01	1/4	3,382.24	1/4	3,105.79	1/4	2,745.21
1/2		1/2		1/2		1/2	4,339.72	1/2	4,149.29	1/2	3,956.52	1/2	3,763.76	1/2	3,570.99	1/2	3,378.23	1/2	3,098.27	1/2	2,737.69
3/4		3/4		3/4		3/4	4,336.71	3/4	4,145.28	3/4	3,952.51	3/4	3,759.74	3/4	3,566.97	3/4	3,374.21	3/4	3,090.76	3/4	2,730.18
8		8		8		8	4,333.03	8	4,141.26	8	3,948.49	8	3,755.73	8	3,562.96	8	3,370.19	8	3,083.25	8	2,722.67
1/4		1/4		1/4		1/4	4,329.35	1/4	4,137.24	1/4	3,944.48	1/4	3,751.71	1/4	3,558.94	1/4	3,366.18	1/4	3,075.74	1/4	2,715.16
1/2		1/2		1/2		1/2	4,325.66	1/2	4,133.23	1/2	3,940.46	1/2	3,747.70	1/2	3,554.93	1/2	3,362.16	1/2	3,068.22	1/2	2,707.64
3/4		3/4		3/4		3/4	4,321.98	3/4	4,129.21	3/4	3,936.45	3/4	3,743.68	3/4	3,550.91	3/4	3,358.14	3/4	3,060.71	3/4	2,700.13
9		9		9		9	4,317.97	9	4,125.19	9	3,932.43	9	3,739.66	9	3,546.90	9	3,354.13	9	3,053.20	9	2,692.62
1/4		1/4		1/4		1/4	4,313.95	1/4	4,121.18	1/4	3,928.41	1/4	3,735.65	1/4	3,542.88	1/4	3,350.11	1/4	3,045.69	1/4	2,685.11
1/2		1/2		1/2		1/2	4,309.94	1/2	4,117.16	1/2	3,924.40	1/2	3,731.63	1/2	3,538.87	1/2	3,346.10	1/2	3,038.17	1/2	2,677.60
3/4		3/4		3/4		3/4	4,305.92	3/4	4,113.15	3/4	3,920.38	3/4	3,727.61	3/4	3,534.85	3/4	3,342.08	3/4	3,030.66	3/4	2,670.09
10		10		10		10	4,301.90	10	4,109.13	10	3,916.36	10	3,723.60	10	3,530.83	10	3,337.92	10	3,023.15	10	2,662.58
1/4		1/4		1/4		1/4	4,297.89	1/4	4,105.12	1/4	3,912.35	1/4	3,719.58	1/4	3,526.82	1/4	3,333.76	1/4	3,015.64	1/4	2,655.07
1/2		1/2		1/2		1/2	4,293.87	1/2	4,101.10	1/2	3,908.34	1/2	3,715.57	1/2	3,522.80	1/2	3,329.59	1/2	3,008.12	1/2	2,647.55
3/4		3/4		3/4		3/4	4,289.85	3/4	4,097.09	3/4	3,904.32	3/4	3,711.55	3/4	3,518.78	3/4	3,325.43	3/4	3,000.61	3/4	2,640.04
11		11		11		11	4,285.84	11	4,093.07	11	3,900.30	11	3,707.54	11	3,514.77	11	3,320.84	11	2,993.10	11	2,632.53
1/4		1/4		1/4		1/4	4,281.82	1/4	4,089.05	1/4	3,896.29	1/4	3,703.52	1/4	3,510.75	1/4	3,316.24	1/4	2,985.59	1/4	2,625.02
1/2		1/2		1/2		1/2	4,277.81	1/2	4,085.04	1/2	3,892.27	1/2	3,699.51	1/2	3,506.74	1/2	3,311.65	1/2	2,978.08	1/2	2,617.50
3/4		3/4		3/4		3/4	4,273.79	3/4	4,081.02	3/4	3,888.25	3/4	3,695.49	3/4	3,502.72	3/4	3,307.05	3/4	2,970.57	3/4	2,609.99

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-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 30032"

## 3 STBD

### ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "ACT 101"

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	2,602.48	0	2,241.90	0	1,881.33	0	1,520.75	0	1,161.26	0	802.03	0	442.37	0	83.08	0		0	
1/4	2,594.97	1/4	2,234.39	1/4	1,873.82	1/4	1,513.24	1/4	1,153.79	1/4	794.54	1/4	434.88	1/4	75.96	1/4		1/4	
1/2	2,587.45	1/2	2,226.88	1/2	1,866.30	1/2	1,505.72	1/2	1,146.31	1/2	787.04	1/2	427.38	1/2	68.84	1/2		1/2	
3/4	2,579.94	3/4	2,219.37	3/4	1,858.79	3/4	1,498.21	3/4	1,138.84	3/4	779.55	3/4	419.89	3/4	61.72	3/4		3/4	
1	2,572.43	1	2,211.86	1	1,851.28	1	1,490.70	1	1,131.37	1	772.06	1	412.40	1	55.73	1		1	
1/4	2,564.92	1/4	2,204.35	1/4	1,843.77	1/4	1,483.19	1/4	1,123.90	1/4	764.57	1/4	404.91	1/4	49.74	1/4		1/4	
1/2	2,557.40	1/2	2,196.83	1/2	1,836.25	1/2	1,475.68	1/2	1,116.42	1/2	757.07	1/2	397.41	1/2	43.74	1/2		1/2	
3/4	2,549.89	3/4	2,189.32	3/4	1,828.74	3/4	1,468.17	3/4	1,108.95	3/4	749.58	3/4	389.92	3/4	37.75	3/4		3/4	
2	2,542.38	2	2,181.81	2	1,821.23	2	1,460.66	2	1,101.48	2	742.09	2	382.43	2	33.26	2		2	
1/4	2,534.87	1/4	2,174.30	1/4	1,813.72	1/4	1,453.15	1/4	1,094.01	1/4	734.60	1/4	374.93	1/4	28.76	1/4		1/4	
1/2	2,527.36	1/2	2,166.78	1/2	1,806.20	1/2	1,445.63	1/2	1,086.53	1/2	727.10	1/2	367.44	1/2	24.27	1/2		1/2	
3/4	2,519.85	3/4	2,159.27	3/4	1,798.69	3/4	1,438.12	3/4	1,079.06	3/4	719.61	3/4	359.94	3/4	19.77	3/4		3/4	
3	2,512.34	3	2,151.76	3	1,791.18	3	1,430.61	3	1,071.59	3	712.12	3	352.45	3		3		3	
1/4	2,504.83	1/4	2,144.25	1/4	1,783.67	1/4	1,423.10	1/4	1,064.12	1/4	704.63	1/4	344.96	1/4		1/4		1/4	
1/2	2,497.31	1/2	2,136.73	1/2	1,776.16	1/2	1,415.58	1/2	1,056.64	1/2	697.13	1/2	337.46	1/2		1/2		1/2	
3/4	2,489.80	3/4	2,129.22	3/4	1,768.65	3/4	1,408.07	3/4	1,049.17	3/4	689.64	3/4	329.97	3/4		3/4		3/4	
4	2,482.29	4	2,121.71	4	1,761.14	4	1,400.56	4	1,041.70	4	682.15	4	322.48	4		4		4	
1/4	2,474.78	1/4	2,114.20	1/4	1,753.63	1/4	1,393.05	1/4	1,034.23	1/4	674.65	1/4	314.99	1/4		1/4		1/4	
1/2	2,467.26	1/2	2,106.68	1/2	1,746.11	1/2	1,385.53	1/2	1,026.76	1/2	667.16	1/2	307.49	1/2		1/2		1/2	
3/4	2,459.75	3/4	2,099.17	3/4	1,738.60	3/4	1,378.02	3/4	1,019.29	3/4	659.66	3/4	300.00	3/4		3/4		3/4	
5	2,452.24	5	2,091.66	5	1,731.09	5	1,370.53	5	1,011.81	5	652.17	5	292.51	5		5		5	
1/4	2,444.73	1/4	2,084.15	1/4	1,723.58	1/4	1,363.04	1/4	1,004.33	1/4	644.68	1/4	285.02	1/4		1/4		1/4	
1/2	2,437.21	1/2	2,076.64	1/2	1,716.06	1/2	1,355.54	1/2	996.84	1/2	637.18	1/2	277.52	1/2		1/2		1/2	
3/4	2,429.70	3/4	2,069.13	3/4	1,708.55	3/4	1,348.05	3/4	989.36	3/4	629.69	3/4	270.03	3/4		3/4		3/4	
6	2,422.19	6	2,061.62	6	1,701.04	6	1,340.58	6	981.87	6	622.20	6	262.54	6		6		6	
1/4	2,414.68	1/4	2,054.11	1/4	1,693.53	1/4	1,333.11	1/4	974.37	1/4	614.71	1/4	255.05	1/4		1/4		1/4	
1/2	2,407.16	1/2	2,046.59	1/2	1,686.01	1/2	1,325.64	1/2	966.88	1/2	607.21	1/2	247.55	1/2		1/2		1/2	
3/4	2,399.65	3/4	2,039.08	3/4	1,678.50	3/4	1,318.17	3/4	959.38	3/4	599.72	3/4	240.06	3/4		3/4		3/4	
7	2,392.14	7	2,031.57	7	1,670.99	7	1,310.70	7	951.89	7	592.23	7	232.57	7		7		7	
1/4	2,384.63	1/4	2,024.06	1/4	1,663.48	1/4	1,303.23	1/4	944.40	1/4	584.74	1/4	225.07	1/4		1/4		1/4	
1/2	2,377.12	1/2	2,016.54	1/2	1,655.96	1/2	1,295.75	1/2	936.90	1/2	577.24	1/2	217.58	1/2		1/2		1/2	
3/4	2,369.61	3/4	2,009.03	3/4	1,648.45	3/4	1,288.28	3/4	929.41	3/4	569.75	3/4	210.08	3/4		3/4		3/4	
8	2,362.10	8	2,001.52	8	1,640.94	8	1,280.81	8	921.92	8	562.26	8	202.59	8		8		8	
1/4	2,354.59	1/4	1,994.01	1/4	1,633.43	1/4	1,273.34	1/4	914.43	1/4	554.77	1/4	195.10	1/4		1/4		1/4	
1/2	2,347.07	1/2	1,986.49	1/2	1,625.92	1/2	1,265.86	1/2	906.93	1/2	547.27	1/2	187.60	1/2		1/2		1/2	
3/4	2,339.56	3/4	1,978.98	3/4	1,618.41	3/4	1,258.39	3/4	899.44	3/4	539.78	3/4	180.11	3/4		3/4		3/4	
9	2,332.05	9	1,971.47	9	1,610.90	9	1,250.92	9	891.95	9	532.29	9	172.62	9		9		9	
1/4	2,324.54	1/4	1,963.96	1/4	1,603.39	1/4	1,243.45	1/4	884.46	1/4	524.79	1/4	165.13	1/4		1/4		1/4	
1/2	2,317.02	1/2	1,956.44	1/2	1,595.87	1/2	1,235.97	1/2	876.96	1/2	517.30	1/2	157.63	1/2		1/2		1/2	
3/4	2,309.51	3/4	1,948.93	3/4	1,588.36	3/4	1,228.50	3/4	869.47	3/4	509.80	3/4	150.14	3/4		3/4		3/4	
10	2,302.00	10	1,941.42	10	1,580.85	10	1,221.03	10	861.98	10	502.31	10	142.65	10		10		10	
1/4	2,294.49	1/4	1,933.91	1/4	1,573.34	1/4	1,213.56	1/4	854.49	1/4	494.82	1/4	135.16	1/4		1/4		1/4	
1/2	2,286.97	1/2	1,926.40	1/2	1,565.82	1/2	1,206.08	1/2	846.99	1/2	487.32	1/2	127.66	1/2		1/2		1/2	
3/4	2,279.46	3/4	1,918.89	3/4	1,558.31	3/4	1,198.61	3/4	839.50	3/4	479.83	3/4	120.17	3/4		3/4		3/4	
11	2,271.95	11	1,911.38	11	1,550.80	11	1,191.14	11	832.01	11	472.34	11	112.68	11		11		11	
1/4	2,264.44	1/4	1,903.87	1/4	1,543.29	1/4	1,183.67	1/4	824.51	1/4	464.85	1/4	105.19	1/4		1/4		1/4	
1/2	2,256.92	1/2	1,896.35	1/2	1,535.77	1/2	1,176.20	1/2	817.02	1/2	457.35	1/2	97.69	1/2		1/2		1/2	
3/4	2,249.41	3/4	1,888.84	3/4	1,528.26	3/4	1,168.73	3/4	809.52	3/4	449.86	3/4	90.20	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/20/2012 INS  
RECALCULATED: 11/28/2022 CL  
NAME CHANGE: 11/28/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2022

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



# BARGE "KIRBY 30032"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT: 4'-02"

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	108	0	276	0	440	0		0		0		0		0		0	
1/4	1	1/4	111	1/4	279	1/4	443	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	1/2	115	1/2	283	1/2	446	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	2	3/4	118	3/4	286	3/4	449	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	3	1	121	1	290	1	452	1	1	1	1	1	1	1	1	1	1	1	1
1/4	4	1/4	124	1/4	294	1/4	454	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	5	1/2	128	1/2	297	1/2	457	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	7	3/4	131	3/4	301	3/4	460	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	8	2	134	2	304	2	463	2	2	2	2	2	2	2	2	2	2	2	2
1/4	10	1/4	138	1/4	308	1/4	466	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	11	1/2	141	1/2	312	1/2	469	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	13	3/4	144	3/4	315	3/4	471	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	14	3	148	3	319	3	474	3	3	3	3	3	3	3	3	3	3	3	3
1/4	16	1/4	151	1/4	322	1/4	477	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	18	1/2	154	1/2	326	1/2	479	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	20	3/4	158	3/4	329	3/4	482	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	22	4	161	4	333	4	484	4	4	4	4	4	4	4	4	4	4	4	4
1/4	24	1/4	165	1/4	337	1/4	487	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	26	1/2	168	1/2	340	1/2	489	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	29	3/4	172	3/4	344	3/4	492	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	31	5	175	5	347	5	494	5	5	5	5	5	5	5	5	5	5	5	5
1/4	33	1/4	179	1/4	351	1/4	496	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	35	1/2	182	1/2	354	1/2	499	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	38	3/4	186	3/4	358	3/4	501	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	40	6	189	6	361	6	503	6	6	6	6	6	6	6	6	6	6	6	6
1/4	43	1/4	193	1/4	365	1/4	505	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	45	1/2	196	1/2	368	1/2	507	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	48	3/4	200	3/4	371	3/4	509	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	50	7	203	7	375	7	511	7	7	7	7	7	7	7	7	7	7	7	7
1/4	53	1/4	207	1/4	378	1/4	513	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	55	1/2	211	1/2	382	1/2	515	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	58	3/4	214	3/4	385	3/4	517	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	61	8	218	8	388	8	518	8	8	8	8	8	8	8	8	8	8	8	8
1/4	64	1/4	221	1/4	392	1/4	520	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	66	1/2	225	1/2	395	1/2	521	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	69	3/4	229	3/4	398	3/4	523	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	72	9	232	9	402	9	524	9	9	9	9	9	9	9	9	9	9	9	9
1/4	75	1/4	236	1/4	405	1/4	525	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	78	1/2	239	1/2	408	1/2	526	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	81	3/4	243	3/4	411	3/4	527	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	84	10	247	10	415	10	528	10	10	10	10	10	10	10	10	10	10	10	10
1/4	87	1/4	250	1/4	418	1/4	529	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	90	1/2	254	1/2	421	1/2	529	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	93	3/4	257	3/4	424	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	96	11	261	11	427	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	99	1/4	265	1/4	430	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	102	1/2	268	1/2	434	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	105	3/4	272	3/4	437	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.

STRAPPED: 10/06/2022 JS  
CALCULATED: 10/11/2022 CL  
ISSUED: 10/11/2022 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2022

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 30032"

# SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT: 5'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	577	0	1,155	0	1,732	0	2,310	0		0		0		0		0	
1/4	12	1/4	589	1/4	1,167	1/4	1,744	1/4	2,322	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24	1/2	601	1/2	1,179	1/2	1,756	1/2	2,334	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	36	3/4	613	3/4	1,191	3/4	1,768	3/4	2,346	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	48	1	626	1	1,203	1	1,780	1	2,358	1	1	1	1	1	1	1	1	1	1
1/4	60	1/4	638	1/4	1,215	1/4	1,792	1/4	2,370	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72	1/2	650	1/2	1,227	1/2	1,804	1/2	2,382	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84	3/4	662	3/4	1,239	3/4	1,816	3/4	2,394	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	96	2	674	2	1,251	2	1,828	2	2,406	2	2	2	2	2	2	2	2	2	2
1/4	108	1/4	686	1/4	1,263	1/4	1,840	1/4	2,418	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120	1/2	698	1/2	1,275	1/2	1,852	1/2	2,430	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	132	3/4	710	3/4	1,287	3/4	1,865	3/4	2,442	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	144	3	722	3	1,299	3	1,877	3	2,454	3	3	3	3	3	3	3	3	3	3
1/4	156	1/4	734	1/4	1,311	1/4	1,889	1/4	2,466	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	168	1/2	746	1/2	1,323	1/2	1,901	1/2	2,478	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	180	3/4	758	3/4	1,335	3/4	1,913	3/4	2,490	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	192	4	770	4	1,347	4	1,925	4	2,502	4	4	4	4	4	4	4	4	4	4
1/4	204	1/4	782	1/4	1,359	1/4	1,937	1/4	2,514	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	217	1/2	794	1/2	1,371	1/2	1,949	1/2	2,526	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	229	3/4	806	3/4	1,383	3/4	1,961	3/4	2,538	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	241	5	818	5	1,395	5	1,973	5	2,550	5	5	5	5	5	5	5	5	5	5
1/4	253	1/4	830	1/4	1,407	1/4	1,985	1/4	2,562	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	265	1/2	842	1/2	1,419	1/2	1,997	1/2	2,574	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	277	3/4	854	3/4	1,431	3/4	2,009	3/4	2,586	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	289	6	866	6	1,444	6	2,021	6	2,598	6	6	6	6	6	6	6	6	6	6
1/4	301	1/4	878	1/4	1,456	1/4	2,033	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	313	1/2	890	1/2	1,468	1/2	2,045	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	325	3/4	902	3/4	1,480	3/4	2,057	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	337	7	914	7	1,492	7	2,069	7		7	7	7	7	7	7	7	7	7	7
1/4	349	1/4	926	1/4	1,504	1/4	2,081	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	361	1/2	938	1/2	1,516	1/2	2,093	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	373	3/4	950	3/4	1,528	3/4	2,105	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	385	8	962	8	1,540	8	2,117	8		8	8	8	8	8	8	8	8	8	8
1/4	397	1/4	974	1/4	1,552	1/4	2,129	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	409	1/2	986	1/2	1,564	1/2	2,141	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	421	3/4	998	3/4	1,576	3/4	2,153	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	433	9	1,010	9	1,588	9	2,165	9		9	9	9	9	9	9	9	9	9	9
1/4	445	1/4	1,022	1/4	1,600	1/4	2,177	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	457	1/2	1,035	1/2	1,612	1/2	2,189	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	469	3/4	1,047	3/4	1,624	3/4	2,201	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	481	10	1,059	10	1,636	10	2,213	10		10	10	10	10	10	10	10	10	10	10
1/4	493	1/4	1,071	1/4	1,648	1/4	2,225	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	505	1/2	1,083	1/2	1,660	1/2	2,237	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	517	3/4	1,095	3/4	1,672	3/4	2,249	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	529	11	1,107	11	1,684	11	2,261	11		11	11	11	11	11	11	11	11	11	11
1/4	541	1/4	1,119	1/4	1,696	1/4	2,274	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	553	1/2	1,131	1/2	1,708	1/2	2,286	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	565	3/4	1,143	3/4	1,720	3/4	2,298	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.

STRAPPED: 10/06/2022 JS  
CALCULATED: 10/11/2022 CL  
ISSUED: 10/11/2022 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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