



# BARGE "KIRBY 29155"

## ULLAGE TRIM TABLE

FORMERLY "SMI 30061"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

May 7, 2024

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

<http://www.pmacorp.net>



# BARGE "KIRBY 29155"

## 1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-04"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,712.73	0	4,356.37	0	3,998.72	0	3,640.96	0	3,283.20	0	2,925.45
1/4		1/4		1/4		1/4		1/4	4,705.34	1/4	4,348.94	1/4	3,991.27	1/4	3,633.51	1/4	3,275.75	1/4	2,917.99
1/2		1/2		1/2		1/2		1/2	4,697.95	1/2	4,341.51	1/2	3,983.81	1/2	3,626.06	1/2	3,268.30	1/2	2,910.53
3/4		3/4		3/4		3/4		3/4	4,690.56	3/4	4,334.08	3/4	3,976.36	3/4	3,618.60	3/4	3,260.84	3/4	2,903.07
1		1		1		1		1	4,683.17	1	4,326.65	1	3,968.91	1	3,611.15	1	3,253.39	1	2,895.61
1/4		1/4		1/4		1/4		1/4	5,010.72	1/4	4,675.77	1/4	4,319.20	1/4	3,961.45	1/4	3,603.70	1/4	2,888.16
1/2		1/2		1/2		1/2		1/2	5,006.25	1/2	4,668.38	1/2	4,311.75	1/2	3,954.00	1/2	3,596.24	1/2	2,880.70
3/4		3/4		3/4		3/4		3/4	5,001.79	3/4	4,660.99	3/4	4,304.30	3/4	3,946.55	3/4	3,588.79	3/4	2,873.24
2		2		2		2		2	4,997.32	2	4,653.60	2	4,296.85	2	3,939.09	2	3,581.34	2	3,223.58
1/4		1/4		1/4		1/4		1/4	4,991.79	1/4	4,646.18	1/4	4,289.40	1/4	3,931.64	1/4	3,573.88	1/4	3,216.12
1/2		1/2		1/2		1/2		1/2	4,986.26	1/2	4,638.76	1/2	4,281.95	1/2	3,924.19	1/2	3,566.43	1/2	3,208.67
3/4		3/4		3/4		3/4		3/4	4,980.73	3/4	4,631.33	3/4	4,274.49	3/4	3,916.73	3/4	3,558.98	3/4	3,201.22
3		3		3		3		3	4,975.19	3	4,623.91	3	4,267.04	3	3,909.28	3	3,551.52	3	3,193.76
1/4		1/4		1/4		1/4		1/4	4,968.60	1/4	4,616.48	1/4	4,259.59	1/4	3,901.83	1/4	3,544.07	1/4	3,186.31
1/2		1/2		1/2		1/2		1/2	4,962.00	1/2	4,609.05	1/2	4,252.13	1/2	3,894.37	1/2	3,536.62	1/2	3,178.86
3/4		3/4		3/4		3/4		3/4	4,955.41	3/4	4,601.62	3/4	4,244.68	3/4	3,886.92	3/4	3,529.16	3/4	3,171.40
4		4		4		4		4	4,948.81	4	4,594.19	4	4,237.23	4	3,879.47	4	3,521.71	4	3,163.95
1/4		1/4		1/4		1/4		1/4	4,941.55	1/4	4,586.76	1/4	4,229.77	1/4	3,872.01	1/4	3,514.26	1/4	3,156.50
1/2		1/2		1/2		1/2		1/2	4,934.29	1/2	4,579.32	1/2	4,222.32	1/2	3,864.56	1/2	3,506.80	1/2	3,149.04
3/4		3/4		3/4		3/4		3/4	4,927.02	3/4	4,571.89	3/4	4,214.87	3/4	3,857.11	3/4	3,499.35	3/4	3,141.59
5		5		5		5		5	4,919.76	5	4,564.46	5	4,207.41	5	3,849.65	5	3,491.90	5	3,134.14
1/4		1/4		1/4		1/4		1/4	4,912.36	1/4	4,557.03	1/4	4,199.96	1/4	3,842.20	1/4	3,484.44	1/4	3,126.68
1/2		1/2		1/2		1/2		1/2	4,904.97	1/2	4,549.60	1/2	4,192.51	1/2	3,834.75	1/2	3,476.99	1/2	3,119.23
3/4		3/4		3/4		3/4		3/4	4,897.57	3/4	4,542.16	3/4	4,185.05	3/4	3,827.29	3/4	3,469.54	3/4	3,111.78
6		6		6		6		6	4,890.18	6	4,534.73	6	4,177.60	6	3,819.84	6	3,462.08	6	3,104.32
1/4		1/4		1/4		1/4		1/4	4,882.78	1/4	4,527.30	1/4	4,170.15	1/4	3,812.39	1/4	3,454.63	1/4	3,096.87
1/2		1/2		1/2		1/2		1/2	4,875.38	1/2	4,519.87	1/2	4,162.69	1/2	3,804.93	1/2	3,447.18	1/2	3,089.42
3/4		3/4		3/4		3/4		3/4	4,867.99	3/4	4,512.44	3/4	4,155.24	3/4	3,797.48	3/4	3,439.72	3/4	3,081.96
7		7		7		7		7	4,860.59	7	4,505.01	7	4,147.79	7	3,790.03	7	3,432.27	7	3,074.51
1/4		1/4		1/4		1/4		1/4	4,853.20	1/4	4,497.57	1/4	4,140.33	1/4	3,782.57	1/4	3,424.82	1/4	3,067.06
1/2		1/2		1/2		1/2		1/2	4,845.80	1/2	4,490.14	1/2	4,132.88	1/2	3,775.12	1/2	3,417.36	1/2	3,059.60
3/4		3/4		3/4		3/4		3/4	4,838.40	3/4	4,482.71	3/4	4,125.43	3/4	3,767.67	3/4	3,409.91	3/4	3,052.15
8		8		8		8		8	4,831.01	8	4,475.28	8	4,117.97	8	3,760.21	8	3,402.46	8	3,044.70
1/4		1/4		1/4		1/4		1/4	4,823.62	1/4	4,467.85	1/4	4,110.52	1/4	3,752.76	1/4	3,395.00	1/4	3,037.24
1/2		1/2		1/2		1/2		1/2	4,816.22	1/2	4,460.42	1/2	4,103.07	1/2	3,745.31	1/2	3,387.55	1/2	3,029.79
3/4		3/4		3/4		3/4		3/4	4,808.83	3/4	4,452.98	3/4	4,095.61	3/4	3,737.85	3/4	3,380.10	3/4	3,022.34
9		9		9		9		9	4,801.44	9	4,445.55	9	4,088.16	9	3,730.40	9	3,372.64	9	3,014.88
1/4		1/4		1/4		1/4		1/4	4,794.04	1/4	4,438.12	1/4	4,080.71	1/4	3,722.95	1/4	3,365.19	1/4	3,007.43
1/2		1/2		1/2		1/2		1/2	4,786.65	1/2	4,430.69	1/2	4,073.25	1/2	3,715.49	1/2	3,357.74	1/2	2,999.98
3/4		3/4		3/4		3/4		3/4	4,779.26	3/4	4,423.26	3/4	4,065.80	3/4	3,708.04	3/4	3,350.28	3/4	2,992.52
10		10		10		10		10	4,771.87	10	4,415.83	10	4,058.35	10	3,700.59	10	3,342.83	10	2,985.07
1/4		1/4		1/4		1/4		1/4	4,764.48	1/4	4,408.39	1/4	4,050.89	1/4	3,693.14	1/4	3,335.38	1/4	2,977.62
1/2		1/2		1/2		1/2		1/2	4,757.08	1/2	4,400.96	1/2	4,043.44	1/2	3,685.68	1/2	3,327.92	1/2	2,970.16
3/4		3/4		3/4		3/4		3/4	4,749.69	3/4	4,393.53	3/4	4,035.99	3/4	3,678.23	3/4	3,320.47	3/4	2,962.71
11		11		11		11		11	4,742.30	11	4,386.10	11	4,028.53	11	3,670.78	11	3,313.02	11	2,955.26
1/4		1/4		1/4		1/4		1/4	4,734.91	1/4	4,378.67	1/4	4,021.08	1/4	3,663.32	1/4	3,305.56	1/4	2,947.80
1/2		1/2		1/2		1/2		1/2	4,727.52	1/2	4,371.24	1/2	4,013.63	1/2	3,655.87	1/2	3,298.11	1/2	2,940.35
3/4		3/4		3/4		3/4		3/4	4,720.12	3/4	4,363.80	3/4	4,006.17	3/4	3,648.42	3/4	3,290.66	3/4	2,932.90

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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'-03" FORWARD OF AFT BULKHEAD.

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# BARGE "KIRBY 29155"

## 1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-04"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

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	2,567.49	0	2,209.54	0	1,851.59	0	1,493.64	0	1,135.69	0	779.90	0	423.37	0	102.36	0		0	
1/4	2,560.03	1/4	2,202.08	1/4	1,844.13	1/4	1,486.18	1/4	1,128.26	1/4	772.45	1/4	416.20	1/4	96.24	1/4		1/4	
1/2	2,552.58	1/2	2,194.63	1/2	1,836.68	1/2	1,478.73	1/2	1,120.82	1/2	765.01	1/2	409.03	1/2	90.12	1/2		1/2	
3/4	2,545.12	3/4	2,187.17	3/4	1,829.22	3/4	1,471.27	3/4	1,113.39	3/4	757.56	3/4	401.86	3/4	84.01	3/4		3/4	
1	2,537.66	1	2,179.71	1	1,821.76	1	1,463.81	1	1,105.95	1	750.12	1	394.69	1	77.89	1		1	
1/4	2,530.21	1/4	2,172.26	1/4	1,814.30	1/4	1,456.35	1/4	1,098.52	1/4	742.66	1/4	387.60	1/4	71.86	1/4		1/4	
1/2	2,522.75	1/2	2,164.80	1/2	1,806.85	1/2	1,448.90	1/2	1,091.09	1/2	735.20	1/2	380.52	1/2	65.83	1/2		1/2	
3/4	2,515.29	3/4	2,157.34	3/4	1,799.39	3/4	1,441.44	3/4	1,083.67	3/4	727.75	3/4	373.44	3/4	59.81	3/4		3/4	
2	2,507.83	2	2,149.88	2	1,791.93	2	1,433.98	2	1,076.24	2	720.29	2	366.35	2	53.78	2		2	
1/4	2,500.38	1/4	2,142.43	1/4	1,784.48	1/4	1,426.53	1/4	1,068.82	1/4	712.83	1/4	359.36	1/4	48.54	1/4		1/4	
1/2	2,492.92	1/2	2,134.97	1/2	1,777.02	1/2	1,419.07	1/2	1,061.40	1/2	705.38	1/2	352.36	1/2	43.30	1/2		1/2	
3/4	2,485.46	3/4	2,127.51	3/4	1,769.56	3/4	1,411.61	3/4	1,053.99	3/4	697.92	3/4	345.37	3/4	38.05	3/4		3/4	
3	2,478.00	3	2,120.05	3	1,762.10	3	1,404.15	3	1,046.57	3	690.46	3	338.37	3	32.81	3		3	
1/4	2,470.55	1/4	2,112.60	1/4	1,754.65	1/4	1,396.70	1/4	1,039.16	1/4	683.01	1/4	331.46	1/4	29.29	1/4		1/4	
1/2	2,463.09	1/2	2,105.14	1/2	1,747.19	1/2	1,389.24	1/2	1,031.74	1/2	675.55	1/2	324.56	1/2	25.77	1/2		1/2	
3/4	2,455.63	3/4	2,097.68	3/4	1,739.73	3/4	1,381.78	3/4	1,024.33	3/4	668.09	3/4	317.65	3/4	22.25	3/4		3/4	
4	2,448.18	4	2,090.23	4	1,732.27	4	1,374.32	4	1,016.91	4	660.63	4	310.74	4	18.72	4		4	
1/4	2,440.72	1/4	2,082.77	1/4	1,724.82	1/4	1,366.87	1/4	1,009.51	1/4	653.18	1/4	303.92	1/4		1/4		1/4	
1/2	2,433.26	1/2	2,075.31	1/2	1,717.36	1/2	1,359.41	1/2	1,002.10	1/2	645.72	1/2	297.10	1/2		1/2		1/2	
3/4	2,425.80	3/4	2,067.85	3/4	1,709.90	3/4	1,351.95	3/4	994.69	3/4	638.26	3/4	290.28	3/4		3/4		3/4	
5	2,418.35	5	2,060.40	5	1,702.45	5	1,344.50	5	987.28	5	630.81	5	283.46	5		5		5	
1/4	2,410.89	1/4	2,052.94	1/4	1,694.99	1/4	1,337.04	1/4	979.87	1/4	623.35	1/4	276.73	1/4		1/4		1/4	
1/2	2,403.43	1/2	2,045.48	1/2	1,687.53	1/2	1,329.58	1/2	972.47	1/2	615.89	1/2	270.00	1/2		1/2		1/2	
3/4	2,395.97	3/4	2,038.02	3/4	1,680.07	3/4	1,322.12	3/4	965.06	3/4	608.44	3/4	263.27	3/4		3/4		3/4	
6	2,388.52	6	2,030.57	6	1,672.62	6	1,314.67	6	957.66	6	600.98	6	256.53	6		6		6	
1/4	2,381.06	1/4	2,023.11	1/4	1,665.16	1/4	1,307.21	1/4	950.25	1/4	593.52	1/4	249.89	1/4		1/4		1/4	
1/2	2,373.60	1/2	2,015.65	1/2	1,657.70	1/2	1,299.75	1/2	942.84	1/2	586.06	1/2	243.25	1/2		1/2		1/2	
3/4	2,366.15	3/4	2,008.19	3/4	1,650.24	3/4	1,292.29	3/4	935.44	3/4	578.61	3/4	236.60	3/4		3/4		3/4	
7	2,358.69	7	2,000.74	7	1,642.79	7	1,284.84	7	928.03	7	571.15	7	229.96	7		7		7	
1/4	2,351.23	1/4	1,993.28	1/4	1,635.33	1/4	1,277.38	1/4	920.62	1/4	563.69	1/4	223.40	1/4		1/4		1/4	
1/2	2,343.77	1/2	1,985.82	1/2	1,627.87	1/2	1,269.92	1/2	913.22	1/2	556.24	1/2	216.85	1/2		1/2		1/2	
3/4	2,336.32	3/4	1,978.37	3/4	1,620.42	3/4	1,262.46	3/4	905.81	3/4	548.78	3/4	210.29	3/4		3/4		3/4	
8	2,328.86	8	1,970.91	8	1,612.96	8	1,255.01	8	898.40	8	541.32	8	203.74	8		8		8	
1/4	2,321.40	1/4	1,963.45	1/4	1,605.50	1/4	1,247.55	1/4	891.00	1/4	533.87	1/4	197.27	1/4		1/4		1/4	
1/2	2,313.94	1/2	1,955.99	1/2	1,598.04	1/2	1,240.09	1/2	883.59	1/2	526.41	1/2	190.80	1/2		1/2		1/2	
3/4	2,306.49	3/4	1,948.54	3/4	1,590.59	3/4	1,232.64	3/4	876.18	3/4	518.95	3/4	184.33	3/4		3/4		3/4	
9	2,299.03	9	1,941.08	9	1,583.13	9	1,225.18	9	868.78	9	511.49	9	177.86	9		9		9	
1/4	2,291.57	1/4	1,933.62	1/4	1,575.67	1/4	1,217.72	1/4	861.37	1/4	504.07	1/4	171.48	1/4		1/4		1/4	
1/2	2,284.11	1/2	1,926.16	1/2	1,568.21	1/2	1,210.26	1/2	853.96	1/2	496.65	1/2	165.10	1/2		1/2		1/2	
3/4	2,276.66	3/4	1,918.71	3/4	1,560.76	3/4	1,202.81	3/4	846.56	3/4	489.22	3/4	158.72	3/4		3/4		3/4	
10	2,269.20	10	1,911.25	10	1,553.30	10	1,195.35	10	839.15	10	481.80	10	152.34	10		10		10	
1/4	2,261.74	1/4	1,903.79	1/4	1,545.84	1/4	1,187.89	1/4	831.74	1/4	474.45	1/4	146.05	1/4		1/4		1/4	
1/2	2,254.29	1/2	1,896.34	1/2	1,538.38	1/2	1,180.43	1/2	824.34	1/2	467.10	1/2	139.76	1/2		1/2		1/2	
3/4	2,246.83	3/4	1,888.88	3/4	1,530.93	3/4	1,172.98	3/4	816.93	3/4	459.76	3/4	133.47	3/4		3/4		3/4	
11	2,239.37	11	1,881.42	11	1,523.47	11	1,165.52	11	809.53	11	452.41	11	127.17	11		11		11	
1/4	2,231.91	1/4	1,873.96	1/4	1,516.01	1/4	1,158.06	1/4	802.12	1/4	445.15	1/4	120.97	1/4		1/4		1/4	
1/2	2,224.46	1/2	1,866.51	1/2	1,508.56	1/2	1,150.61	1/2	794.71	1/2	437.89	1/2	114.77	1/2		1/2		1/2	
3/4	2,217.00	3/4	1,859.05	3/4	1,501.10	3/4	1,143.15	3/4	787.31	3/4	430.63	3/4	108.56	3/4		3/4		3/4	

STRAPPED: 03/27/2014 PMA  
RECALCULATED: 07/16/2021 PMA  
VERIFIED: 05/07/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 29155"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-04"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,713.75	0	4,357.44	0	3,999.84	0	3,642.13	0	3,284.42	0	2,926.71
1/4		1/4		1/4		1/4		1/4	4,706.36	1/4	4,350.01	1/4	3,992.39	1/4	3,634.68	1/4	3,276.97	1/4	2,919.26
1/2		1/2		1/2		1/2		1/2	4,698.97	1/2	4,342.58	1/2	3,984.94	1/2	3,627.23	1/2	3,269.52	1/2	2,911.80
3/4		3/4		3/4		3/4		3/4	4,691.58	3/4	4,335.15	3/4	3,977.49	3/4	3,619.78	3/4	3,262.07	3/4	2,904.35
1		1		1		1		1	4,684.19	1	4,327.72	1	3,970.03	1	3,612.32	1	3,254.61	1	2,896.89
1/4		1/4		1/4		1/4		1/4	5,011.70	1/4	4,676.80	1/4	4,320.27	1/4	3,962.58	1/4	3,604.87	1/4	3,247.16
1/2		1/2		1/2		1/2		1/2	5,007.23	1/2	4,669.41	1/2	4,312.83	1/2	3,955.13	1/2	3,597.42	1/2	3,239.71
3/4		3/4		3/4		3/4		3/4	5,002.77	3/4	4,662.02	3/4	4,305.38	3/4	3,947.68	3/4	3,589.97	3/4	3,232.26
2		2		2		2		2	4,998.30	2	4,654.63	2	4,297.93	2	3,940.22	2	3,582.51	2	3,224.80
1/4		1/4		1/4		1/4		1/4	4,992.77	1/4	4,647.21	1/4	4,290.48	1/4	3,932.77	1/4	3,575.06	1/4	3,217.35
1/2		1/2		1/2		1/2		1/2	4,987.24	1/2	4,639.79	1/2	4,283.03	1/2	3,925.32	1/2	3,567.61	1/2	3,209.90
3/4		3/4		3/4		3/4		3/4	4,981.71	3/4	4,632.37	3/4	4,275.58	3/4	3,917.87	3/4	3,560.16	3/4	3,202.45
3		3		3		3		3	4,976.18	3	4,624.95	3	4,268.13	3	3,910.42	3	3,552.70	3	3,194.99
1/4		1/4		1/4		1/4		1/4	4,969.58	1/4	4,617.52	1/4	4,260.67	1/4	3,902.96	1/4	3,545.25	1/4	3,187.54
1/2		1/2		1/2		1/2		1/2	4,962.99	1/2	4,610.09	1/2	4,253.22	1/2	3,895.51	1/2	3,537.80	1/2	3,180.09
3/4		3/4		3/4		3/4		3/4	4,956.39	3/4	4,602.66	3/4	4,245.77	3/4	3,888.06	3/4	3,530.35	3/4	3,172.64
4		4		4		4		4	4,949.80	4	4,595.22	4	4,238.32	4	3,880.61	4	3,522.90	4	3,165.19
1/4		1/4		1/4		1/4		1/4	4,942.54	1/4	4,587.79	1/4	4,230.86	1/4	3,873.15	1/4	3,515.44	1/4	3,157.73
1/2		1/2		1/2		1/2		1/2	4,935.28	1/2	4,580.36	1/2	4,223.41	1/2	3,865.70	1/2	3,507.99	1/2	3,150.28
3/4		3/4		3/4		3/4		3/4	4,928.01	3/4	4,572.93	3/4	4,215.96	3/4	3,858.25	3/4	3,500.54	3/4	3,142.83
5		5		5		5		5	4,920.75	5	4,565.50	5	4,208.51	5	3,850.80	5	3,493.09	5	3,135.38
1/4		1/4		1/4		1/4		1/4	4,913.36	1/4	4,558.07	1/4	4,201.05	1/4	3,843.34	1/4	3,485.63	1/4	3,127.92
1/2		1/2		1/2		1/2		1/2	4,905.96	1/2	4,550.64	1/2	4,193.60	1/2	3,835.89	1/2	3,478.18	1/2	3,120.47
3/4		3/4		3/4		3/4		3/4	4,898.57	3/4	4,543.21	3/4	4,186.15	3/4	3,828.44	3/4	3,470.73	3/4	3,113.02
6		6		6		6		6	4,891.17	6	4,535.78	6	4,178.70	6	3,820.99	6	3,463.28	6	3,105.57
1/4		1/4		1/4		1/4		1/4	4,883.78	1/4	4,528.35	1/4	4,171.25	1/4	3,813.54	1/4	3,455.82	1/4	3,098.11
1/2		1/2		1/2		1/2		1/2	4,876.38	1/2	4,520.92	1/2	4,163.79	1/2	3,806.08	1/2	3,448.37	1/2	3,090.66
3/4		3/4		3/4		3/4		3/4	4,868.99	3/4	4,513.49	3/4	4,156.34	3/4	3,798.63	3/4	3,440.92	3/4	3,083.21
7		7		7		7		7	4,861.59	7	4,506.06	7	4,148.89	7	3,791.18	7	3,433.47	7	3,075.76
1/4		1/4		1/4		1/4		1/4	4,854.20	1/4	4,498.63	1/4	4,141.44	1/4	3,783.73	1/4	3,426.02	1/4	3,068.31
1/2		1/2		1/2		1/2		1/2	4,846.80	1/2	4,491.19	1/2	4,133.98	1/2	3,776.27	1/2	3,418.56	1/2	3,060.85
3/4		3/4		3/4		3/4		3/4	4,839.41	3/4	4,483.76	3/4	4,126.53	3/4	3,768.82	3/4	3,411.11	3/4	3,053.40
8		8		8		8		8	4,832.01	8	4,476.33	8	4,119.08	8	3,761.37	8	3,403.66	8	3,045.95
1/4		1/4		1/4		1/4		1/4	4,824.62	1/4	4,468.90	1/4	4,111.63	1/4	3,753.92	1/4	3,396.21	1/4	3,038.50
1/2		1/2		1/2		1/2		1/2	4,817.23	1/2	4,461.47	1/2	4,104.17	1/2	3,746.46	1/2	3,388.75	1/2	3,031.04
3/4		3/4		3/4		3/4		3/4	4,809.84	3/4	4,454.04	3/4	4,096.72	3/4	3,739.01	3/4	3,381.30	3/4	3,023.59
9		9		9		9		9	4,802.44	9	4,446.61	9	4,089.27	9	3,731.56	9	3,373.85	9	3,016.14
1/4		1/4		1/4		1/4		1/4	4,795.05	1/4	4,439.18	1/4	4,081.82	1/4	3,724.11	1/4	3,366.40	1/4	3,008.69
1/2		1/2		1/2		1/2		1/2	4,787.66	1/2	4,431.75	1/2	4,074.37	1/2	3,716.66	1/2	3,358.95	1/2	3,001.23
3/4		3/4		3/4		3/4		3/4	4,780.27	3/4	4,424.32	3/4	4,066.91	3/4	3,709.20	3/4	3,351.49	3/4	2,993.78
10		10		10		10		10	4,772.88	10	4,416.89	10	4,059.46	10	3,701.75	10	3,344.04	10	2,986.33
1/4		1/4		1/4		1/4		1/4	4,765.49	1/4	4,409.46	1/4	4,052.01	1/4	3,694.30	1/4	3,336.59	1/4	2,978.88
1/2		1/2		1/2		1/2		1/2	4,758.10	1/2	4,402.03	1/2	4,044.56	1/2	3,686.85	1/2	3,329.14	1/2	2,971.43
3/4		3/4		3/4		3/4		3/4	4,750.71	3/4	4,394.60	3/4	4,037.10	3/4	3,679.39	3/4	3,321.68	3/4	2,963.97
11		11		11		11		11	4,743.32	11	4,387.17	11	4,029.65	11	3,671.94	11	3,314.23	11	2,956.52
1/4		1/4		1/4		1/4		1/4	4,735.93	1/4	4,379.73	1/4	4,022.20	1/4	3,664.49	1/4	3,306.78	1/4	2,949.07
1/2		1/2		1/2		1/2		1/2	4,728.54	1/2	4,372.30	1/2	4,014.75	1/2	3,657.04	1/2	3,299.33	1/2	2,941.62
3/4		3/4		3/4		3/4		3/4	4,721.14	3/4	4,364.87	3/4	4,007.30	3/4	3,649.58	3/4	3,291.87	3/4	2,934.16

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 29155"

1 STBD

ULLAGE TABLE  
HERMETIC

GAUGE HEIGHT 17'-04"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

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	2,568.81	0	2,210.91	0	1,853.01	0	1,495.11	0	1,137.20	0	779.78	0	423.33	0	102.35	0		0	
1/4	2,561.36	1/4	2,203.45	1/4	1,845.55	1/4	1,487.65	1/4	1,129.75	1/4	772.33	1/4	416.16	1/4	96.23	1/4		1/4	
1/2	2,553.90	1/2	2,196.00	1/2	1,838.10	1/2	1,480.19	1/2	1,122.29	1/2	764.88	1/2	408.99	1/2	90.12	1/2		1/2	
3/4	2,546.44	3/4	2,188.54	3/4	1,830.64	3/4	1,472.74	3/4	1,114.83	3/4	757.42	3/4	401.81	3/4	84.00	3/4		3/4	
1	2,538.99	1	2,181.09	1	1,823.18	1	1,465.28	1	1,107.38	1	749.97	1	394.64	1	77.89	1		1	
1/4	2,531.53	1/4	2,173.63	1/4	1,815.73	1/4	1,457.82	1/4	1,099.92	1/4	742.51	1/4	387.56	1/4	71.86	1/4		1/4	
1/2	2,524.08	1/2	2,166.17	1/2	1,808.27	1/2	1,450.37	1/2	1,092.47	1/2	735.06	1/2	380.48	1/2	65.83	1/2		1/2	
3/4	2,516.62	3/4	2,158.72	3/4	1,800.81	3/4	1,442.91	3/4	1,085.01	3/4	727.60	3/4	373.40	3/4	59.80	3/4		3/4	
2	2,509.16	2	2,151.26	2	1,793.36	2	1,435.46	2	1,077.55	2	720.15	2	366.31	2	53.78	2		2	
1/4	2,501.71	1/4	2,143.80	1/4	1,785.90	1/4	1,428.00	1/4	1,070.10	1/4	712.69	1/4	359.32	1/4	48.54	1/4		1/4	
1/2	2,494.25	1/2	2,136.35	1/2	1,778.45	1/2	1,420.54	1/2	1,062.65	1/2	705.23	1/2	352.32	1/2	43.29	1/2		1/2	
3/4	2,486.79	3/4	2,128.89	3/4	1,770.99	3/4	1,413.09	3/4	1,055.20	3/4	697.78	3/4	345.33	3/4	38.05	3/4		3/4	
3	2,479.34	3	2,121.44	3	1,763.53	3	1,405.63	3	1,047.75	3	690.32	3	338.33	3	32.81	3		3	
1/4	2,471.88	1/4	2,113.98	1/4	1,756.08	1/4	1,398.17	1/4	1,040.30	1/4	682.87	1/4	331.43	1/4	29.29	1/4		1/4	
1/2	2,464.43	1/2	2,106.52	1/2	1,748.62	1/2	1,390.72	1/2	1,032.85	1/2	675.41	1/2	324.52	1/2	25.77	1/2		1/2	
3/4	2,456.97	3/4	2,099.07	3/4	1,741.16	3/4	1,383.26	3/4	1,025.40	3/4	667.95	3/4	317.61	3/4	22.25	3/4		3/4	
4	2,449.51	4	2,091.61	4	1,733.71	4	1,375.81	4	1,017.95	4	660.50	4	310.71	4	18.72	4		4	
1/4	2,442.06	1/4	2,084.15	1/4	1,726.25	1/4	1,368.35	1/4	1,010.50	1/4	653.04	1/4	303.89	1/4		1/4		1/4	
1/2	2,434.60	1/2	2,076.70	1/2	1,718.80	1/2	1,360.89	1/2	1,003.06	1/2	645.59	1/2	297.07	1/2		1/2		1/2	
3/4	2,427.14	3/4	2,069.24	3/4	1,711.34	3/4	1,353.44	3/4	995.62	3/4	638.13	3/4	290.25	3/4		3/4		3/4	
5	2,419.69	5	2,061.78	5	1,703.88	5	1,345.98	5	988.17	5	630.67	5	283.43	5		5		5	
1/4	2,412.23	1/4	2,054.33	1/4	1,696.43	1/4	1,338.52	1/4	980.73	1/4	623.22	1/4	276.70	1/4		1/4		1/4	
1/2	2,404.77	1/2	2,046.87	1/2	1,688.97	1/2	1,331.07	1/2	973.29	1/2	615.76	1/2	269.97	1/2		1/2		1/2	
3/4	2,397.32	3/4	2,039.42	3/4	1,681.51	3/4	1,323.61	3/4	965.84	3/4	608.31	3/4	263.24	3/4		3/4		3/4	
6	2,389.86	6	2,031.96	6	1,674.06	6	1,316.15	6	958.40	6	600.85	6	256.51	6		6		6	
1/4	2,382.41	1/4	2,024.50	1/4	1,666.60	1/4	1,308.70	1/4	950.96	1/4	593.39	1/4	249.87	1/4		1/4		1/4	
1/2	2,374.95	1/2	2,017.05	1/2	1,659.14	1/2	1,301.24	1/2	943.52	1/2	585.94	1/2	243.22	1/2		1/2		1/2	
3/4	2,367.49	3/4	2,009.59	3/4	1,651.69	3/4	1,293.79	3/4	936.07	3/4	578.48	3/4	236.58	3/4		3/4		3/4	
7	2,360.04	7	2,002.13	7	1,644.23	7	1,286.33	7	928.63	7	571.03	7	229.94	7		7		7	
1/4	2,352.58	1/4	1,994.68	1/4	1,636.78	1/4	1,278.87	1/4	921.19	1/4	563.58	1/4	223.38	1/4		1/4		1/4	
1/2	2,345.12	1/2	1,987.22	1/2	1,629.32	1/2	1,271.42	1/2	913.75	1/2	556.13	1/2	216.83	1/2		1/2		1/2	
3/4	2,337.67	3/4	1,979.77	3/4	1,621.86	3/4	1,263.96	3/4	906.30	3/4	548.67	3/4	210.27	3/4		3/4		3/4	
8	2,330.21	8	1,972.31	8	1,614.41	8	1,256.50	8	898.86	8	541.22	8	203.72	8		8		8	
1/4	2,322.76	1/4	1,964.85	1/4	1,606.95	1/4	1,249.05	1/4	891.42	1/4	533.78	1/4	197.25	1/4		1/4		1/4	
1/2	2,315.30	1/2	1,957.40	1/2	1,599.49	1/2	1,241.59	1/2	883.98	1/2	526.33	1/2	190.78	1/2		1/2		1/2	
3/4	2,307.84	3/4	1,949.94	3/4	1,592.04	3/4	1,234.14	3/4	876.53	3/4	518.88	3/4	184.31	3/4		3/4		3/4	
9	2,300.39	9	1,942.48	9	1,584.58	9	1,226.68	9	869.09	9	511.43	9	177.85	9		9		9	
1/4	2,292.93	1/4	1,935.03	1/4	1,577.13	1/4	1,219.22	1/4	861.65	1/4	504.01	1/4	171.47	1/4		1/4		1/4	
1/2	2,285.47	1/2	1,927.57	1/2	1,569.67	1/2	1,211.77	1/2	854.21	1/2	496.59	1/2	165.09	1/2		1/2		1/2	
3/4	2,278.02	3/4	1,920.12	3/4	1,562.21	3/4	1,204.31	3/4	846.76	3/4	489.17	3/4	158.71	3/4		3/4		3/4	
10	2,270.56	10	1,912.66	10	1,554.76	10	1,196.85	10	839.32	10	481.74	10	152.33	10		10		10	
1/4	2,263.10	1/4	1,905.20	1/4	1,547.30	1/4	1,189.40	1/4	831.88	1/4	474.40	1/4	146.04	1/4		1/4		1/4	
1/2	2,255.65	1/2	1,897.75	1/2	1,539.84	1/2	1,181.94	1/2	824.44	1/2	467.05	1/2	139.75	1/2		1/2		1/2	
3/4	2,248.19	3/4	1,890.29	3/4	1,532.39	3/4	1,174.49	3/4	816.99	3/4	459.71	3/4	133.46	3/4		3/4		3/4	
11	2,240.74	11	1,882.83	11	1,524.93	11	1,167.03	11	809.55	11	452.36	11	127.16	11		11		11	
1/4	2,233.28	1/4	1,875.38	1/4	1,517.47	1/4	1,159.57	1/4	802.11	1/4	445.10	1/4	120.96	1/4		1/4		1/4	
1/2	2,225.82	1/2	1,867.92	1/2	1,510.02	1/2	1,152.12	1/2	794.67	1/2	437.84	1/2	114.76	1/2		1/2		1/2	
3/4	2,218.37	3/4	1,860.46	3/4	1,502.56	3/4	1,144.66	3/4	787.22	3/4	430.58	3/4	108.55	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/27/2014 PMA  
RECALCULATED: 07/16/2021 PMA  
VERIFIED: 05/07/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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



# BARGE "KIRBY 29155"

## 2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-04"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0		0	4,779.16	0	4,421.67	0	4,062.89	0	3,704.00	0	3,345.11	0	2,986.22		
1/4		1/4		1/4		1/4		1/4	4,771.74	1/4	4,414.21	1/4	4,055.41	1/4	3,696.52	1/4	3,337.63	1/4	2,978.74		
1/2		1/2		1/2		1/2		1/2	4,764.33	1/2	4,406.76	1/2	4,047.94	1/2	3,689.05	1/2	3,330.16	1/2	2,971.26		
3/4		3/4		3/4		3/4		3/4	4,756.91	3/4	4,399.30	3/4	4,040.46	3/4	3,681.57	3/4	3,322.68	3/4	2,963.78		
1		1		1		1		1	4,749.50	1	4,391.85	1	4,032.98	1	3,674.09	1	3,315.20	1	2,956.30		
1/4		1/4		1/4		1/4		1/4	5,078.09	1/4	4,742.08	1/4	4,384.38	1/4	4,025.51	1/4	3,666.62	1/4	3,307.72	1/4	2,948.82
1/2		1/2		1/2		1/2		1/2	5,073.61	1/2	4,734.67	1/2	4,376.91	1/2	4,018.03	1/2	3,659.14	1/2	3,300.25	1/2	2,941.34
3/4		3/4		3/4		3/4		3/4	5,069.13	3/4	4,727.25	3/4	4,369.44	3/4	4,010.55	3/4	3,651.66	3/4	3,292.77	3/4	2,933.86
2		2		2		2		2	5,064.65	2	4,719.84	2	4,361.97	2	4,003.08	2	3,644.19	2	3,285.29	2	2,926.37
1/4		1/4		1/4		1/4		1/4	5,059.10	1/4	4,712.39	1/4	4,354.49	1/4	3,995.60	1/4	3,636.71	1/4	3,277.82	1/4	2,918.89
1/2		1/2		1/2		1/2		1/2	5,053.55	1/2	4,704.95	1/2	4,347.01	1/2	3,988.12	1/2	3,629.23	1/2	3,270.34	1/2	2,911.41
3/4		3/4		3/4		3/4		3/4	5,048.00	3/4	4,697.50	3/4	4,339.54	3/4	3,980.65	3/4	3,621.75	3/4	3,262.86	3/4	2,903.93
3		3		3		3		3	5,042.45	3	4,690.06	3	4,332.06	3	3,973.17	3	3,614.28	3	3,255.39	3	2,896.45
1/4		1/4		1/4		1/4		1/4	5,035.84	1/4	4,682.60	1/4	4,324.58	1/4	3,965.69	1/4	3,606.80	1/4	3,247.91	1/4	2,888.97
1/2		1/2		1/2		1/2		1/2	5,029.22	1/2	4,675.15	1/2	4,317.11	1/2	3,958.22	1/2	3,599.32	1/2	3,240.43	1/2	2,881.49
3/4		3/4		3/4		3/4		3/4	5,022.60	3/4	4,667.69	3/4	4,309.63	3/4	3,950.74	3/4	3,591.85	3/4	3,232.96	3/4	2,874.01
4		4		4		4		4	5,015.99	4	4,660.24	4	4,302.15	4	3,943.26	4	3,584.37	4	3,225.48	4	2,866.53
1/4		1/4		1/4		1/4		1/4	5,008.70	1/4	4,652.78	1/4	4,294.68	1/4	3,935.78	1/4	3,576.89	1/4	3,218.00	1/4	2,859.05
1/2		1/2		1/2		1/2		1/2	5,001.41	1/2	4,645.33	1/2	4,287.20	1/2	3,928.31	1/2	3,569.42	1/2	3,210.53	1/2	2,851.57
3/4		3/4		3/4		3/4		3/4	4,994.13	3/4	4,637.87	3/4	4,279.72	3/4	3,920.83	3/4	3,561.94	3/4	3,203.05	3/4	2,844.08
5		5		5		5		5	4,986.84	5	4,630.42	5	4,272.25	5	3,913.35	5	3,554.46	5	3,195.57	5	2,836.60
1/4		1/4		1/4		1/4		1/4	4,979.42	1/4	4,622.96	1/4	4,264.77	1/4	3,905.88	1/4	3,546.99	1/4	3,188.09	1/4	2,829.12
1/2		1/2		1/2		1/2		1/2	4,972.00	1/2	4,615.51	1/2	4,257.29	1/2	3,898.40	1/2	3,539.51	1/2	3,180.62	1/2	2,821.64
3/4		3/4		3/4		3/4		3/4	4,964.59	3/4	4,608.05	3/4	4,249.81	3/4	3,890.92	3/4	3,532.03	3/4	3,173.14	3/4	2,814.16
6		6		6		6		6	4,957.17	6	4,600.59	6	4,242.34	6	3,883.45	6	3,524.56	6	3,165.66	6	2,806.68
1/4		1/4		1/4		1/4		1/4	4,949.75	1/4	4,593.14	1/4	4,234.86	1/4	3,875.97	1/4	3,517.08	1/4	3,158.19	1/4	2,799.20
1/2		1/2		1/2		1/2		1/2	4,942.33	1/2	4,585.68	1/2	4,227.38	1/2	3,868.49	1/2	3,509.60	1/2	3,150.71	1/2	2,791.72
3/4		3/4		3/4		3/4		3/4	4,934.91	3/4	4,578.23	3/4	4,219.91	3/4	3,861.02	3/4	3,502.12	3/4	3,143.23	3/4	2,784.24
7		7		7		7		7	4,927.49	7	4,570.77	7	4,212.43	7	3,853.54	7	3,494.65	7	3,135.76	7	2,776.76
1/4		1/4		1/4		1/4		1/4	4,920.07	1/4	4,563.32	1/4	4,204.95	1/4	3,846.06	1/4	3,487.17	1/4	3,128.28	1/4	2,769.28
1/2		1/2		1/2		1/2		1/2	4,912.65	1/2	4,555.86	1/2	4,197.48	1/2	3,838.58	1/2	3,479.69	1/2	3,120.80	1/2	2,761.79
3/4		3/4		3/4		3/4		3/4	4,905.23	3/4	4,548.41	3/4	4,190.00	3/4	3,831.11	3/4	3,472.22	3/4	3,113.33	3/4	2,754.31
8		8		8		8		8	4,897.81	8	4,540.95	8	4,182.52	8	3,823.63	8	3,464.74	8	3,105.85	8	2,746.83
1/4		1/4		1/4		1/4		1/4	4,890.39	1/4	4,533.50	1/4	4,175.05	1/4	3,816.15	1/4	3,457.26	1/4	3,098.37	1/4	2,739.35
1/2		1/2		1/2		1/2		1/2	4,882.98	1/2	4,526.04	1/2	4,167.57	1/2	3,808.68	1/2	3,449.79	1/2	3,090.89	1/2	2,731.87
3/4		3/4		3/4		3/4		3/4	4,875.56	3/4	4,518.59	3/4	4,160.09	3/4	3,801.20	3/4	3,442.31	3/4	3,083.42	3/4	2,724.39
9		9		9		9		9	4,868.14	9	4,511.13	9	4,152.61	9	3,793.72	9	3,434.83	9	3,075.94	9	2,716.91
1/4		1/4		1/4		1/4		1/4	4,860.73	1/4	4,503.68	1/4	4,145.14	1/4	3,786.25	1/4	3,427.36	1/4	3,068.46	1/4	2,709.43
1/2		1/2		1/2		1/2		1/2	4,853.31	1/2	4,496.22	1/2	4,137.66	1/2	3,778.77	1/2	3,419.88	1/2	3,060.99	1/2	2,701.95
3/4		3/4		3/4		3/4		3/4	4,845.90	3/4	4,488.77	3/4	4,130.18	3/4	3,771.29	3/4	3,412.40	3/4	3,053.51	3/4	2,694.47
10		10		10		10		10	4,838.48	10	4,481.31	10	4,122.71	10	3,763.82	10	3,404.92	10	3,046.03	10	2,686.99
1/4		1/4		1/4		1/4		1/4	4,831.07	1/4	4,473.86	1/4	4,115.23	1/4	3,756.34	1/4	3,397.45	1/4	3,038.56	1/4	2,679.50
1/2		1/2		1/2		1/2		1/2	4,823.65	1/2	4,466.40	1/2	4,107.75	1/2	3,748.86	1/2	3,389.97	1/2	3,031.08	1/2	2,672.02
3/4		3/4		3/4		3/4		3/4	4,816.24	3/4	4,458.95	3/4	4,100.28	3/4	3,741.39	3/4	3,382.49	3/4	3,023.60	3/4	2,664.54
11		11		11		11		11	4,808.82	11	4,451.49	11	4,092.80	11	3,733.91	11	3,375.02	11	3,016.13	11	2,657.06
1/4		1/4		1/4		1/4		1/4	4,801.41	1/4	4,444.04	1/4	4,085.32	1/4	3,726.43	1/4	3,367.54	1/4	3,008.65	1/4	2,649.58
1/2		1/2		1/2		1/2		1/2	4,793.99	1/2	4,436.58	1/2	4,077.85	1/2	3,718.95	1/2	3,360.06	1/2	3,001.17	1/2	2,642.10
3/4		3/4		3/4		3/4		3/4	4,786.57	3/4	4,429.12	3/4	4,070.37	3/4	3,711.48	3/4	3,352.59	3/4	2,993.70	3/4	2,634.62

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 42'-09" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 29155"

## 2 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-04"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

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	2,627.14	0	2,268.06	0	1,908.97	0	1,549.89	0	1,190.81	0	845.79	0	487.02	0	127.95	0		0	
1/4	2,619.66	1/4	2,260.57	1/4	1,901.49	1/4	1,542.41	1/4	1,183.54	1/4	838.38	1/4	479.54	1/4	120.47	1/4		1/4	
1/2	2,612.18	1/2	2,253.09	1/2	1,894.01	1/2	1,534.93	1/2	1,176.27	1/2	830.98	1/2	472.06	1/2	112.99	1/2		1/2	
3/4	2,604.70	3/4	2,245.61	3/4	1,886.53	3/4	1,527.45	3/4	1,169.00	3/4	823.58	3/4	464.58	3/4	105.51	3/4		3/4	
1	2,597.21	1	2,238.13	1	1,879.05	1	1,519.97	1	1,161.73	1	816.17	1	457.10	1	98.02	1		1	
1/4	2,589.73	1/4	2,230.65	1/4	1,871.57	1/4	1,512.48	1/4	1,154.53	1/4	808.69	1/4	449.62	1/4	90.54	1/4		1/4	
1/2	2,582.25	1/2	2,223.17	1/2	1,864.09	1/2	1,505.00	1/2	1,147.33	1/2	801.21	1/2	442.14	1/2	83.06	1/2		1/2	
3/4	2,574.77	3/4	2,215.69	3/4	1,856.61	3/4	1,497.52	3/4	1,140.14	3/4	793.73	3/4	434.66	3/4	75.58	3/4		3/4	
2	2,567.29	2	2,208.21	2	1,849.12	2	1,490.04	2	1,132.94	2	786.25	2	427.18	2	68.10	2		2	
1/4	2,559.81	1/4	2,200.73	1/4	1,841.64	1/4	1,482.56	1/4	1,125.75	1/4	778.77	1/4	419.70	1/4	61.32	1/4		1/4	
1/2	2,552.33	1/2	2,193.25	1/2	1,834.16	1/2	1,475.08	1/2	1,118.56	1/2	771.29	1/2	412.21	1/2	54.54	1/2		1/2	
3/4	2,544.85	3/4	2,185.77	3/4	1,826.68	3/4	1,467.60	3/4	1,111.38	3/4	763.81	3/4	404.73	3/4	47.76	3/4		3/4	
3	2,537.37	3	2,178.28	3	1,819.20	3	1,460.12	3	1,104.19	3	756.33	3	397.25	3	40.98	3		3	
1/4	2,529.89	1/4	2,170.80	1/4	1,811.72	1/4	1,452.64	1/4	1,097.00	1/4	748.85	1/4	389.77	1/4	35.84	1/4		1/4	
1/2	2,522.41	1/2	2,163.32	1/2	1,804.24	1/2	1,445.16	1/2	1,089.82	1/2	741.37	1/2	382.29	1/2	30.70	1/2		1/2	
3/4	2,514.93	3/4	2,155.84	3/4	1,796.76	3/4	1,437.68	3/4	1,082.64	3/4	733.88	3/4	374.81	3/4	25.56	3/4		3/4	
4	2,507.44	4	2,148.36	4	1,789.28	4	1,430.19	4	1,075.45	4	726.40	4	367.33	4	20.41	4		4	
1/4	2,499.96	1/4	2,140.88	1/4	1,781.80	1/4	1,422.71	1/4	1,068.27	1/4	718.92	1/4	359.85	1/4		1/4		1/4	
1/2	2,492.48	1/2	2,133.40	1/2	1,774.32	1/2	1,415.23	1/2	1,061.10	1/2	711.44	1/2	352.37	1/2		1/2		1/2	
3/4	2,485.00	3/4	2,125.92	3/4	1,766.84	3/4	1,407.75	3/4	1,053.92	3/4	703.96	3/4	344.89	3/4		3/4		3/4	
5	2,477.52	5	2,118.44	5	1,759.35	5	1,400.27	5	1,046.74	5	696.48	5	337.41	5		5		5	
1/4	2,470.04	1/4	2,110.96	1/4	1,751.87	1/4	1,392.79	1/4	1,039.56	1/4	689.00	1/4	329.93	1/4		1/4		1/4	
1/2	2,462.56	1/2	2,103.48	1/2	1,744.39	1/2	1,385.31	1/2	1,032.39	1/2	681.52	1/2	322.45	1/2		1/2		1/2	
3/4	2,455.08	3/4	2,095.99	3/4	1,736.91	3/4	1,377.83	3/4	1,025.21	3/4	674.04	3/4	314.97	3/4		3/4		3/4	
6	2,447.60	6	2,088.51	6	1,729.43	6	1,370.35	6	1,018.03	6	666.56	6	307.48	6		6		6	
1/4	2,440.12	1/4	2,081.03	1/4	1,721.95	1/4	1,362.87	1/4	1,010.85	1/4	659.08	1/4	300.00	1/4		1/4		1/4	
1/2	2,432.64	1/2	2,073.55	1/2	1,714.47	1/2	1,355.39	1/2	1,003.68	1/2	651.60	1/2	292.52	1/2		1/2		1/2	
3/4	2,425.15	3/4	2,066.07	3/4	1,706.99	3/4	1,347.90	3/4	996.50	3/4	644.12	3/4	285.04	3/4		3/4		3/4	
7	2,417.67	7	2,058.59	7	1,699.51	7	1,340.42	7	989.32	7	636.64	7	277.56	7		7		7	
1/4	2,410.19	1/4	2,051.11	1/4	1,692.03	1/4	1,332.94	1/4	982.15	1/4	629.15	1/4	270.08	1/4		1/4		1/4	
1/2	2,402.71	1/2	2,043.63	1/2	1,684.55	1/2	1,325.46	1/2	974.97	1/2	621.67	1/2	262.60	1/2		1/2		1/2	
3/4	2,395.23	3/4	2,036.15	3/4	1,677.06	3/4	1,317.98	3/4	967.79	3/4	614.19	3/4	255.12	3/4		3/4		3/4	
8	2,387.75	8	2,028.67	8	1,669.58	8	1,310.50	8	960.62	8	606.71	8	247.64	8		8		8	
1/4	2,380.27	1/4	2,021.19	1/4	1,662.10	1/4	1,303.02	1/4	953.44	1/4	599.23	1/4	240.16	1/4		1/4		1/4	
1/2	2,372.79	1/2	2,013.70	1/2	1,654.62	1/2	1,295.54	1/2	946.26	1/2	591.75	1/2	232.68	1/2		1/2		1/2	
3/4	2,365.31	3/4	2,006.22	3/4	1,647.14	3/4	1,288.06	3/4	939.09	3/4	584.27	3/4	225.20	3/4		3/4		3/4	
9	2,357.83	9	1,998.74	9	1,639.66	9	1,280.58	9	931.91	9	576.79	9	217.72	9		9		9	
1/4	2,350.35	1/4	1,991.26	1/4	1,632.18	1/4	1,273.10	1/4	924.73	1/4	569.31	1/4	210.24	1/4		1/4		1/4	
1/2	2,342.86	1/2	1,983.78	1/2	1,624.70	1/2	1,265.61	1/2	917.56	1/2	561.83	1/2	202.75	1/2		1/2		1/2	
3/4	2,335.38	3/4	1,976.30	3/4	1,617.22	3/4	1,258.13	3/4	910.38	3/4	554.35	3/4	195.27	3/4		3/4		3/4	
10	2,327.90	10	1,968.82	10	1,609.74	10	1,250.65	10	903.20	10	546.87	10	187.79	10		10		10	
1/4	2,320.42	1/4	1,961.34	1/4	1,602.26	1/4	1,243.17	1/4	896.03	1/4	539.39	1/4	180.31	1/4		1/4		1/4	
1/2	2,312.94	1/2	1,953.86	1/2	1,594.77	1/2	1,235.69	1/2	888.85	1/2	531.91	1/2	172.83	1/2		1/2		1/2	
3/4	2,305.46	3/4	1,946.38	3/4	1,587.29	3/4	1,228.21	3/4	881.67	3/4	524.42	3/4	165.35	3/4		3/4		3/4	
11	2,297.98	11	1,938.90	11	1,579.81	11	1,220.73	11	874.50	11	516.94	11	157.87	11		11		11	
1/4	2,290.50	1/4	1,931.41	1/4	1,572.33	1/4	1,213.25	1/4	867.32	1/4	509.46	1/4	150.39	1/4		1/4		1/4	
1/2	2,283.02	1/2	1,923.93	1/2	1,564.85	1/2	1,205.77	1/2	860.14	1/2	501.98	1/2	142.91	1/2		1/2		1/2	
3/4	2,275.54	3/4	1,916.45	3/4	1,557.37	3/4	1,198.29	3/4	852.97	3/4	494.50	3/4	135.43	3/4		3/4		3/4	

STRAPPED: 03/27/2014 PMA  
RECALCULATED: 07/16/2021 PMA  
VERIFIED: 05/07/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "KIRBY 29155"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0		0	4,786.81	0	4,429.20	0	4,070.31	0	3,711.33	0	3,352.35	0	2,993.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,779.39	1/4	4,421.74	1/4	4,062.83	1/4	3,703.85	1/4	3,344.88	1/4	2,985.88		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,771.98	1/2	4,414.28	1/2	4,055.35	1/2	3,696.37	1/2	3,337.40	1/2	2,978.39		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,764.56	3/4	4,406.82	3/4	4,047.87	3/4	3,688.90	3/4	3,329.92	3/4	2,970.90		
1	1	1	1	1	1	1	1	1	5,093.24	1	4,757.14	1	4,399.35	1	4,040.39	1	3,681.42	1	3,322.44	1	2,963.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,088.76	1/4	4,749.73	1/4	4,391.88	1/4	4,032.92	1/4	3,673.94	1/4	3,314.96	1/4	2,955.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,084.28	1/2	4,742.31	1/2	4,384.41	1/2	4,025.44	1/2	3,666.46	1/2	3,307.48	1/2	2,948.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,079.79	3/4	4,734.89	3/4	4,376.94	3/4	4,017.96	3/4	3,658.98	3/4	3,300.00	3/4	2,940.97
2	2	2	2	2	2	2	2	2	5,074.24	2	4,727.44	2	4,369.46	2	4,010.48	2	3,651.50	2	3,292.52	2	2,933.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,068.69	1/4	4,720.00	1/4	4,361.98	1/4	4,003.00	1/4	3,644.02	1/4	3,285.05	1/4	2,926.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,063.14	1/2	4,712.55	1/2	4,354.50	1/2	3,995.52	1/2	3,636.54	1/2	3,277.57	1/2	2,918.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,057.59	3/4	4,705.10	3/4	4,347.02	3/4	3,988.04	3/4	3,629.07	3/4	3,270.09	3/4	2,911.04
3	3	3	3	3	3	3	3	3	5,050.97	3	4,697.65	3	4,339.54	3	3,980.57	3	3,621.59	3	3,262.61	3	2,903.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,044.35	1/4	4,690.19	1/4	4,332.06	1/4	3,973.09	1/4	3,614.11	1/4	3,255.13	1/4	2,896.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,037.73	1/2	4,682.73	1/2	4,324.59	1/2	3,965.61	1/2	3,606.63	1/2	3,247.65	1/2	2,888.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,031.11	3/4	4,675.28	3/4	4,317.11	3/4	3,958.13	3/4	3,599.15	3/4	3,240.17	3/4	2,881.11
4	4	4	4	4	4	4	4	4	5,023.83	4	4,667.82	4	4,309.63	4	3,950.65	4	3,591.67	4	3,232.69	4	2,873.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,016.54	1/4	4,660.36	1/4	4,302.15	1/4	3,943.17	1/4	3,584.19	1/4	3,225.22	1/4	2,866.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,009.25	1/2	4,652.91	1/2	4,294.67	1/2	3,935.69	1/2	3,576.72	1/2	3,217.74	1/2	2,858.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,001.96	3/4	4,645.45	3/4	4,287.19	3/4	3,928.21	3/4	3,569.24	3/4	3,210.26	3/4	2,851.18
5	5	5	5	5	5	5	5	5	4,994.54	5	4,637.99	5	4,279.71	5	3,920.74	5	3,561.76	5	3,202.78	5	2,843.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,987.12	1/4	4,630.53	1/4	4,272.23	1/4	3,913.26	1/4	3,554.28	1/4	3,195.30	1/4	2,836.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,979.70	1/2	4,623.08	1/2	4,264.76	1/2	3,905.78	1/2	3,546.80	1/2	3,187.82	1/2	2,828.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,972.28	3/4	4,615.62	3/4	4,257.28	3/4	3,898.30	3/4	3,539.32	3/4	3,180.34	3/4	2,821.25
6	6	6	6	6	6	6	6	6	4,964.86	6	4,608.16	6	4,249.80	6	3,890.82	6	3,531.84	6	3,172.87	6	2,813.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,957.44	1/4	4,600.71	1/4	4,242.32	1/4	3,883.34	1/4	3,524.36	1/4	3,165.39	1/4	2,806.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,950.01	1/2	4,593.25	1/2	4,234.84	1/2	3,875.86	1/2	3,516.89	1/2	3,157.91	1/2	2,798.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,942.59	3/4	4,585.79	3/4	4,227.36	3/4	3,868.38	3/4	3,509.41	3/4	3,150.43	3/4	2,791.32
7	7	7	7	7	7	7	7	7	4,935.17	7	4,578.34	7	4,219.88	7	3,860.91	7	3,501.93	7	3,142.95	7	2,783.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,927.75	1/4	4,570.88	1/4	4,212.40	1/4	3,853.43	1/4	3,494.45	1/4	3,135.47	1/4	2,776.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,920.33	1/2	4,563.42	1/2	4,204.93	1/2	3,845.95	1/2	3,486.97	1/2	3,127.99	1/2	2,768.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,912.91	3/4	4,555.96	3/4	4,197.45	3/4	3,838.47	3/4	3,479.49	3/4	3,120.51	3/4	2,761.39
8	8	8	8	8	8	8	8	8	4,905.49	8	4,548.51	8	4,189.97	8	3,830.99	8	3,472.01	8	3,113.04	8	2,753.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,898.07	1/4	4,541.05	1/4	4,182.49	1/4	3,823.51	1/4	3,464.53	1/4	3,105.56	1/4	2,746.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,890.65	1/2	4,533.59	1/2	4,175.01	1/2	3,816.03	1/2	3,457.06	1/2	3,098.08	1/2	2,738.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,883.24	3/4	4,526.14	3/4	4,167.53	3/4	3,808.55	3/4	3,449.58	3/4	3,090.60	3/4	2,731.46
9	9	9	9	9	9	9	9	9	4,875.82	9	4,518.68	9	4,160.05	9	3,801.08	9	3,442.10	9	3,083.12	9	2,723.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,868.40	1/4	4,511.22	1/4	4,152.58	1/4	3,793.60	1/4	3,434.62	1/4	3,075.64	1/4	2,716.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,860.98	1/2	4,503.77	1/2	4,145.10	1/2	3,786.12	1/2	3,427.14	1/2	3,068.16	1/2	2,709.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,853.57	3/4	4,496.31	3/4	4,137.62	3/4	3,778.64	3/4	3,419.66	3/4	3,060.68	3/4	2,701.53
10	10	10	10	10	10	10	10	10	4,846.15	10	4,488.85	10	4,130.14	10	3,771.16	10	3,412.18	10	3,053.21	10	2,694.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,838.73	1/4	4,481.39	1/4	4,122.66	1/4	3,763.68	1/4	3,404.71	1/4	3,045.73	1/4	2,686.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,831.31	1/2	4,473.94	1/2	4,115.18	1/2	3,756.20	1/2	3,397.23	1/2	3,038.25	1/2	2,679.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,823.90	3/4	4,466.48	3/4	4,107.70	3/4	3,748.73	3/4	3,389.75	3/4	3,030.77	3/4	2,671.60
11	11	11	11	11	11	11	11	11	4,816.48	11	4,459.02	11	4,100.22	11	3,741.25	11	3,382.27	11	3,023.29	11	2,664.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,809.06	1/4	4,451.57	1/4	4,092.75	1/4	3,733.77	1/4	3,374.79	1/4	3,015.81	1/4	2,656.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,801.65	1/2	4,444.11	1/2	4,085.27	1/2	3,726.29	1/2	3,367.31	1/2	3,008.33	1/2	2,649.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,794.23	3/4	4,436.65	3/4	4,077.79	3/4	3,718.81	3/4	3,359.83	3/4	3,000.86	3/4	2,641.67

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 42'-09" FORWARD OF AFT BULKHEAD.

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





# BARGE "KIRBY 29155"

2 STBD

## ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

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	2,634.19	0	2,275.02	0	1,915.86	0	1,556.69	0	1,197.53	0	838.81	0	479.66	0	120.50	0		0	
1/4	2,626.70	1/4	2,267.54	1/4	1,908.37	1/4	1,549.21	1/4	1,190.05	1/4	831.33	1/4	472.18	1/4	113.02	1/4		1/4	
1/2	2,619.22	1/2	2,260.06	1/2	1,900.89	1/2	1,541.73	1/2	1,182.56	1/2	823.85	1/2	464.70	1/2	105.54	1/2		1/2	
3/4	2,611.74	3/4	2,252.57	3/4	1,893.41	3/4	1,534.24	3/4	1,175.08	3/4	816.37	3/4	457.21	3/4	98.05	3/4		3/4	
1	2,604.26	1	2,245.09	1	1,885.93	1	1,526.76	1	1,167.60	1	808.89	1	449.73	1	90.57	1		1	
1/4	2,596.77	1/4	2,237.61	1/4	1,878.44	1/4	1,519.28	1/4	1,160.11	1/4	801.41	1/4	442.25	1/4	83.09	1/4		1/4	
1/2	2,589.29	1/2	2,230.13	1/2	1,870.96	1/2	1,511.80	1/2	1,152.63	1/2	793.93	1/2	434.77	1/2	75.61	1/2		1/2	
3/4	2,581.81	3/4	2,222.64	3/4	1,863.48	3/4	1,504.31	3/4	1,145.15	3/4	786.44	3/4	427.28	3/4	68.12	3/4		3/4	
2	2,574.33	2	2,215.16	2	1,856.00	2	1,496.83	2	1,137.67	2	778.96	2	419.80	2	61.34	2		2	
1/4	2,566.84	1/4	2,207.68	1/4	1,848.51	1/4	1,489.35	1/4	1,130.19	1/4	771.48	1/4	412.32	1/4	54.56	1/4		1/4	
1/2	2,559.36	1/2	2,200.20	1/2	1,841.03	1/2	1,481.87	1/2	1,122.71	1/2	764.00	1/2	404.84	1/2	47.78	1/2		1/2	
3/4	2,551.88	3/4	2,192.71	3/4	1,833.55	3/4	1,474.38	3/4	1,115.24	3/4	756.51	3/4	397.35	3/4	41.00	3/4		3/4	
3	2,544.40	3	2,185.23	3	1,826.07	3	1,466.90	3	1,107.76	3	749.03	3	389.87	3	35.86	3		3	
1/4	2,536.91	1/4	2,177.75	1/4	1,818.58	1/4	1,459.42	1/4	1,100.28	1/4	741.55	1/4	382.39	1/4	30.71	1/4		1/4	
1/2	2,529.43	1/2	2,170.27	1/2	1,811.10	1/2	1,451.94	1/2	1,092.80	1/2	734.07	1/2	374.91	1/2	25.57	1/2		1/2	
3/4	2,521.95	3/4	2,162.78	3/4	1,803.62	3/4	1,444.45	3/4	1,085.33	3/4	726.58	3/4	367.42	3/4	20.42	3/4		3/4	
4	2,514.47	4	2,155.30	4	1,796.14	4	1,436.97	4	1,077.86	4	719.10	4	359.94	4		4		4	
1/4	2,506.98	1/4	2,147.82	1/4	1,788.65	1/4	1,429.49	1/4	1,070.39	1/4	711.62	1/4	352.46	1/4		1/4		1/4	
1/2	2,499.50	1/2	2,140.34	1/2	1,781.17	1/2	1,422.01	1/2	1,062.91	1/2	704.14	1/2	344.98	1/2		1/2		1/2	
3/4	2,492.02	3/4	2,132.85	3/4	1,773.69	3/4	1,414.52	3/4	1,055.44	3/4	696.65	3/4	337.49	3/4		3/4		3/4	
5	2,484.54	5	2,125.37	5	1,766.21	5	1,407.04	5	1,047.97	5	689.17	5	330.01	5		5		5	
1/4	2,477.05	1/4	2,117.89	1/4	1,758.72	1/4	1,399.56	1/4	1,040.50	1/4	681.69	1/4	322.53	1/4		1/4		1/4	
1/2	2,469.57	1/2	2,110.41	1/2	1,751.24	1/2	1,392.08	1/2	1,033.03	1/2	674.21	1/2	315.05	1/2		1/2		1/2	
3/4	2,462.09	3/4	2,102.92	3/4	1,743.76	3/4	1,384.59	3/4	1,025.56	3/4	666.72	3/4	307.56	3/4		3/4		3/4	
6	2,454.60	6	2,095.44	6	1,736.28	6	1,377.11	6	1,018.09	6	659.24	6	300.08	6		6		6	
1/4	2,447.12	1/4	2,087.96	1/4	1,728.79	1/4	1,369.63	1/4	1,010.62	1/4	651.76	1/4	292.60	1/4		1/4		1/4	
1/2	2,439.64	1/2	2,080.47	1/2	1,721.31	1/2	1,362.15	1/2	1,003.15	1/2	644.28	1/2	285.12	1/2		1/2		1/2	
3/4	2,432.16	3/4	2,072.99	3/4	1,713.83	3/4	1,354.66	3/4	995.68	3/4	636.79	3/4	277.63	3/4		3/4		3/4	
7	2,424.67	7	2,065.51	7	1,706.34	7	1,347.18	7	988.21	7	629.31	7	270.15	7		7		7	
1/4	2,417.19	1/4	2,058.03	1/4	1,698.86	1/4	1,339.70	1/4	980.74	1/4	621.83	1/4	262.67	1/4		1/4		1/4	
1/2	2,409.71	1/2	2,050.54	1/2	1,691.38	1/2	1,332.21	1/2	973.27	1/2	614.35	1/2	255.19	1/2		1/2		1/2	
3/4	2,402.23	3/4	2,043.06	3/4	1,683.90	3/4	1,324.73	3/4	965.80	3/4	606.86	3/4	247.70	3/4		3/4		3/4	
8	2,394.74	8	2,035.58	8	1,676.41	8	1,317.25	8	958.34	8	599.38	8	240.22	8		8		8	
1/4	2,387.26	1/4	2,028.10	1/4	1,668.93	1/4	1,309.77	1/4	950.87	1/4	591.90	1/4	232.74	1/4		1/4		1/4	
1/2	2,379.78	1/2	2,020.61	1/2	1,661.45	1/2	1,302.28	1/2	943.40	1/2	584.42	1/2	225.26	1/2		1/2		1/2	
3/4	2,372.30	3/4	2,013.13	3/4	1,653.97	3/4	1,294.80	3/4	935.93	3/4	576.93	3/4	217.77	3/4		3/4		3/4	
9	2,364.81	9	2,005.65	9	1,646.48	9	1,287.32	9	928.46	9	569.45	9	210.29	9		9		9	
1/4	2,357.33	1/4	1,998.17	1/4	1,639.00	1/4	1,279.84	1/4	920.99	1/4	561.97	1/4	202.81	1/4		1/4		1/4	
1/2	2,349.85	1/2	1,990.68	1/2	1,631.52	1/2	1,272.35	1/2	913.52	1/2	554.49	1/2	195.33	1/2		1/2		1/2	
3/4	2,342.37	3/4	1,983.20	3/4	1,624.04	3/4	1,264.87	3/4	906.05	3/4	547.00	3/4	187.84	3/4		3/4		3/4	
10	2,334.88	10	1,975.72	10	1,616.55	10	1,257.39	10	898.58	10	539.52	10	180.36	10		10		10	
1/4	2,327.40	1/4	1,968.24	1/4	1,609.07	1/4	1,249.91	1/4	891.11	1/4	532.04	1/4	172.88	1/4		1/4		1/4	
1/2	2,319.92	1/2	1,960.75	1/2	1,601.59	1/2	1,242.42	1/2	883.64	1/2	524.56	1/2	165.40	1/2		1/2		1/2	
3/4	2,312.44	3/4	1,953.27	3/4	1,594.11	3/4	1,234.94	3/4	876.17	3/4	517.07	3/4	157.91	3/4		3/4		3/4	
11	2,304.95	11	1,945.79	11	1,586.62	11	1,227.46	11	868.70	11	509.59	11	150.43	11		11		11	
1/4	2,297.47	1/4	1,938.31	1/4	1,579.14	1/4	1,219.98	1/4	861.23	1/4	502.11	1/4	142.95	1/4		1/4		1/4	
1/2	2,289.99	1/2	1,930.82	1/2	1,571.66	1/2	1,212.49	1/2	853.76	1/2	494.63	1/2	135.47	1/2		1/2		1/2	
3/4	2,282.50	3/4	1,923.34	3/4	1,564.18	3/4	1,205.01	3/4	846.29	3/4	487.14	3/4	127.98	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/27/2014 PMA  
RECALCULATED: 07/16/2021 PMA  
VERIFIED: 05/07/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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



# BARGE "KIRBY 29155"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

GAUGE HEIGHT 17'-03 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		0	4,299.22	0	4,080.78	0	3,861.49	0	3,642.14	0	3,320.17	0	2,963.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,294.69	1/4	4,076.23	1/4	3,856.92	1/4	3,637.57	1/4	3,312.76	1/4	2,956.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,290.16	1/2	4,071.67	1/2	3,852.35	1/2	3,633.00	1/2	3,305.34	1/2	2,948.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,285.64	3/4	4,067.12	3/4	3,847.78	3/4	3,628.43	3/4	3,297.93	3/4	2,941.20
1	1	1	1	1	4,479.29	1	4,281.11	1	4,062.55	1	3,843.21	1	3,623.86	1	3,290.52	1	2,933.77		
1/4	1/4	1/4	1/4	1/4	4,477.44	1/4	4,276.58	1/4	4,057.98	1/4	3,838.64	1/4	3,619.29	1/4	3,283.11	1/4	2,926.33		
1/2	1/2	1/2	1/2	1/2	4,475.59	1/2	4,272.05	1/2	4,053.42	1/2	3,834.07	1/2	3,614.72	1/2	3,275.69	1/2	2,918.89		
3/4	3/4	3/4	3/4	3/4	4,473.74	3/4	4,267.52	3/4	4,048.85	3/4	3,829.50	3/4	3,610.15	3/4	3,268.28	3/4	2,911.46		
2	2	2	2	2	4,471.07	2	4,262.97	2	4,044.28	2	3,824.93	2	3,605.58	2	3,260.85	2	2,904.02		
1/4	1/4	1/4	1/4	1/4	4,468.41	1/4	4,258.43	1/4	4,039.71	1/4	3,820.36	1/4	3,601.01	1/4	3,253.42	1/4	2,896.58		
1/2	1/2	1/2	1/2	1/2	4,465.74	1/2	4,253.88	1/2	4,035.14	1/2	3,815.79	1/2	3,596.44	1/2	3,245.99	1/2	2,889.15		
3/4	3/4	3/4	3/4	3/4	4,463.08	3/4	4,249.33	3/4	4,030.57	3/4	3,811.22	3/4	3,591.87	3/4	3,238.57	3/4	2,881.71		
3	3	3	3	3	4,459.35	3	4,244.77	3	4,026.00	3	3,806.65	3	3,585.14	3	3,231.13	3	2,874.27		
1/4	1/4	1/4	1/4	1/4	4,455.62	1/4	4,240.22	1/4	4,021.43	1/4	3,802.08	1/4	3,578.40	1/4	3,223.70	1/4	2,866.84		
1/2	1/2	1/2	1/2	1/2	4,451.88	1/2	4,235.66	1/2	4,016.86	1/2	3,797.51	1/2	3,571.67	1/2	3,216.26	1/2	2,859.40		
3/4	3/4	3/4	3/4	3/4	4,448.15	3/4	4,231.11	3/4	4,012.29	3/4	3,792.94	3/4	3,564.94	3/4	3,208.83	3/4	2,851.96		
4	4	4	4	4	4,443.76	4	4,226.55	4	4,007.72	4	3,788.37	4	3,557.51	4	3,201.40	4	2,844.53		
1/4	1/4	1/4	1/4	1/4	4,439.36	1/4	4,222.00	1/4	4,003.15	1/4	3,783.80	1/4	3,550.07	1/4	3,193.96	1/4	2,837.09		
1/2	1/2	1/2	1/2	1/2	4,434.96	1/2	4,217.44	1/2	3,998.58	1/2	3,779.23	1/2	3,542.64	1/2	3,186.53	1/2	2,829.65		
3/4	3/4	3/4	3/4	3/4	4,430.56	3/4	4,212.89	3/4	3,994.01	3/4	3,774.66	3/4	3,535.21	3/4	3,179.10	3/4	2,822.22		
5	5	5	5	5	4,426.03	5	4,208.33	5	3,989.44	5	3,770.09	5	3,527.78	5	3,171.66	5	2,814.78		
1/4	1/4	1/4	1/4	1/4	4,421.50	1/4	4,203.78	1/4	3,984.87	1/4	3,765.52	1/4	3,520.36	1/4	3,164.23	1/4	2,807.34		
1/2	1/2	1/2	1/2	1/2	4,416.97	1/2	4,199.22	1/2	3,980.30	1/2	3,760.95	1/2	3,512.94	1/2	3,156.79	1/2	2,799.91		
3/4	3/4	3/4	3/4	3/4	4,412.44	3/4	4,194.66	3/4	3,975.73	3/4	3,756.38	3/4	3,505.51	3/4	3,149.36	3/4	2,792.47		
6	6	6	6	6	4,407.91	6	4,190.11	6	3,971.16	6	3,751.81	6	3,498.09	6	3,141.93	6	2,785.04		
1/4	1/4	1/4	1/4	1/4	4,403.38	1/4	4,185.55	1/4	3,966.60	1/4	3,747.24	1/4	3,490.68	1/4	3,134.49	1/4	2,777.60		
1/2	1/2	1/2	1/2	1/2	4,398.85	1/2	4,181.00	1/2	3,962.03	1/2	3,742.67	1/2	3,483.26	1/2	3,127.06	1/2	2,770.16		
3/4	3/4	3/4	3/4	3/4	4,394.32	3/4	4,176.44	3/4	3,957.46	3/4	3,738.11	3/4	3,475.85	3/4	3,119.62	3/4	2,762.73		
7	7	7	7	7	4,389.79	7	4,171.89	7	3,952.89	7	3,733.54	7	3,468.43	7	3,112.19	7	2,755.29		
1/4	1/4	1/4	1/4	1/4	4,385.26	1/4	4,167.33	1/4	3,948.32	1/4	3,728.97	1/4	3,461.02	1/4	3,104.76	1/4	2,747.85		
1/2	1/2	1/2	1/2	1/2	4,380.73	1/2	4,162.78	1/2	3,943.75	1/2	3,724.40	1/2	3,453.61	1/2	3,097.32	1/2	2,740.42		
3/4	3/4	3/4	3/4	3/4	4,376.20	3/4	4,158.22	3/4	3,939.18	3/4	3,719.83	3/4	3,446.19	3/4	3,089.89	3/4	2,732.98		
8	8	8	8	8	4,371.67	8	4,153.67	8	3,934.61	8	3,715.26	8	3,438.78	8	3,082.45	8	2,725.54		
1/4	1/4	1/4	1/4	1/4	4,367.14	1/4	4,149.11	1/4	3,930.04	1/4	3,710.69	1/4	3,431.37	1/4	3,075.02	1/4	2,718.11		
1/2	1/2	1/2	1/2	1/2	4,362.61	1/2	4,144.56	1/2	3,925.47	1/2	3,706.12	1/2	3,423.95	1/2	3,067.59	1/2	2,710.67		
3/4	3/4	3/4	3/4	3/4	4,358.08	3/4	4,140.00	3/4	3,920.90	3/4	3,701.55	3/4	3,416.54	3/4	3,060.15	3/4	2,703.23		
9	9	9	9	9	4,353.56	9	4,135.45	9	3,916.33	9	3,696.98	9	3,409.13	9	3,052.72	9	2,695.80		
1/4	1/4	1/4	1/4	1/4	4,349.03	1/4	4,130.89	1/4	3,911.76	1/4	3,692.41	1/4	3,401.72	1/4	3,045.29	1/4	2,688.36		
1/2	1/2	1/2	1/2	1/2	4,344.50	1/2	4,126.34	1/2	3,907.19	1/2	3,687.84	1/2	3,394.30	1/2	3,037.85	1/2	2,680.92		
3/4	3/4	3/4	3/4	3/4	4,339.97	3/4	4,121.78	3/4	3,902.62	3/4	3,683.27	3/4	3,386.89	3/4	3,030.42	3/4	2,673.49		
10	10	10	10	10	4,335.44	10	4,117.22	10	3,898.05	10	3,678.70	10	3,379.48	10	3,022.98	10	2,666.05		
1/4	1/4	1/4	1/4	1/4	4,330.92	1/4	4,112.67	1/4	3,893.48	1/4	3,674.13	1/4	3,372.06	1/4	3,015.55	1/4	2,658.61		
1/2	1/2	1/2	1/2	1/2	4,326.39	1/2	4,108.11	1/2	3,888.91	1/2	3,669.56	1/2	3,364.65	1/2	3,008.12	1/2	2,651.18		
3/4	3/4	3/4	3/4	3/4	4,321.86	3/4	4,103.56	3/4	3,884.34	3/4	3,664.99	3/4	3,357.24	3/4	3,000.68	3/4	2,643.74		
11	11	11	11	11	4,317.33	11	4,099.00	11	3,879.77	11	3,660.42	11	3,349.82	11	2,993.25	11	2,636.31		
1/4	1/4	1/4	1/4	1/4	4,312.80	1/4	4,094.45	1/4	3,875.20	1/4	3,655.85	1/4	3,342.41	1/4	2,985.81	1/4	2,628.87		
1/2	1/2	1/2	1/2	1/2	4,308.28	1/2	4,089.89	1/2	3,870.63	1/2	3,651.28	1/2	3,335.00	1/2	2,978.38	1/2	2,621.43		
3/4	3/4	3/4	3/4	3/4	4,303.75	3/4	4,085.34	3/4	3,866.06	3/4	3,646.71	3/4	3,327.58	3/4	2,970.95	3/4	2,614.00		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 29155"

## 3 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

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	2,606.55	0	2,250.51	0	1,896.15	0	1,538.90	0	1,181.75	0	834.92	0	477.59	0	120.11	0		0	
1/4	2,599.11	1/4	2,243.12	1/4	1,888.73	1/4	1,531.45	1/4	1,174.46	1/4	827.54	1/4	470.15	1/4	112.66	1/4		1/4	
1/2	2,591.67	1/2	2,235.73	1/2	1,881.30	1/2	1,524.01	1/2	1,167.17	1/2	820.15	1/2	462.70	1/2	105.21	1/2		1/2	
3/4	2,584.23	3/4	2,228.35	3/4	1,873.87	3/4	1,516.56	3/4	1,159.89	3/4	812.76	3/4	455.25	3/4	97.75	3/4		3/4	
1	2,576.78	1	2,220.96	1	1,866.43	1	1,509.12	1	1,152.66	1	805.31	1	447.81	1	90.30	1		1	
1/4	2,569.34	1/4	2,213.58	1/4	1,858.98	1/4	1,501.68	1/4	1,145.42	1/4	797.86	1/4	440.36	1/4	82.84	1/4		1/4	
1/2	2,561.90	1/2	2,206.20	1/2	1,851.54	1/2	1,494.23	1/2	1,138.19	1/2	790.41	1/2	432.91	1/2	75.38	1/2		1/2	
3/4	2,554.45	3/4	2,198.82	3/4	1,844.10	3/4	1,486.79	3/4	1,130.95	3/4	782.96	3/4	425.47	3/4	67.92	3/4		3/4	
2	2,547.01	2	2,191.44	2	1,836.65	2	1,479.34	2	1,123.73	2	775.52	2	418.02	2	61.16	2		2	
1/4	2,539.57	1/4	2,184.06	1/4	1,829.21	1/4	1,471.90	1/4	1,116.51	1/4	768.07	1/4	410.57	1/4	54.40	1/4		1/4	
1/2	2,532.12	1/2	2,176.68	1/2	1,821.76	1/2	1,464.46	1/2	1,109.28	1/2	760.62	1/2	403.13	1/2	47.64	1/2		1/2	
3/4	2,524.68	3/4	2,169.30	3/4	1,814.32	3/4	1,457.01	3/4	1,102.06	3/4	753.17	3/4	395.68	3/4	40.88	3/4		3/4	
3	2,517.23	3	2,161.92	3	1,806.88	3	1,449.57	3	1,094.84	3	745.72	3	388.23	3	35.75	3		3	
1/4	2,509.79	1/4	2,154.54	1/4	1,799.43	1/4	1,442.13	1/4	1,087.61	1/4	738.28	1/4	380.79	1/4	30.62	1/4		1/4	
1/2	2,502.35	1/2	2,147.15	1/2	1,791.99	1/2	1,434.68	1/2	1,080.39	1/2	730.83	1/2	373.34	1/2	25.49	1/2		1/2	
3/4	2,494.90	3/4	2,139.77	3/4	1,784.54	3/4	1,427.24	3/4	1,073.17	3/4	723.38	3/4	365.89	3/4	20.36	3/4		3/4	
4	2,487.49	4	2,132.39	4	1,777.10	4	1,419.79	4	1,065.95	4	715.93	4	358.45	4		4		4	
1/4	2,480.07	1/4	2,125.01	1/4	1,769.66	1/4	1,412.35	1/4	1,058.74	1/4	708.48	1/4	351.00	1/4		1/4		1/4	
1/2	2,472.66	1/2	2,117.63	1/2	1,762.21	1/2	1,404.91	1/2	1,051.52	1/2	701.04	1/2	343.55	1/2		1/2		1/2	
3/4	2,465.24	3/4	2,110.25	3/4	1,754.77	3/4	1,397.46	3/4	1,044.31	3/4	693.59	3/4	336.11	3/4		3/4		3/4	
5	2,457.84	5	2,102.87	5	1,747.33	5	1,390.02	5	1,037.09	5	686.14	5	328.66	5		5		5	
1/4	2,450.43	1/4	2,095.49	1/4	1,739.88	1/4	1,382.57	1/4	1,029.88	1/4	678.69	1/4	321.21	1/4		1/4		1/4	
1/2	2,443.03	1/2	2,088.11	1/2	1,732.44	1/2	1,375.13	1/2	1,022.66	1/2	671.24	1/2	313.76	1/2		1/2		1/2	
3/4	2,435.62	3/4	2,080.73	3/4	1,724.99	3/4	1,367.69	3/4	1,015.45	3/4	663.80	3/4	306.32	3/4		3/4		3/4	
6	2,428.22	6	2,073.34	6	1,717.55	6	1,360.24	6	1,008.24	6	656.35	6	298.87	6		6		6	
1/4	2,420.81	1/4	2,065.96	1/4	1,710.11	1/4	1,352.80	1/4	1,001.02	1/4	648.90	1/4	291.42	1/4		1/4		1/4	
1/2	2,413.41	1/2	2,058.58	1/2	1,702.66	1/2	1,345.35	1/2	993.81	1/2	641.45	1/2	283.98	1/2		1/2		1/2	
3/4	2,406.00	3/4	2,051.20	3/4	1,695.22	3/4	1,337.91	3/4	986.59	3/4	634.00	3/4	276.53	3/4		3/4		3/4	
7	2,398.60	7	2,043.82	7	1,687.77	7	1,330.47	7	979.38	7	626.55	7	269.08	7		7		7	
1/4	2,391.19	1/4	2,036.44	1/4	1,680.33	1/4	1,323.02	1/4	972.17	1/4	619.11	1/4	261.64	1/4		1/4		1/4	
1/2	2,383.78	1/2	2,029.06	1/2	1,672.89	1/2	1,315.58	1/2	964.95	1/2	611.66	1/2	254.19	1/2		1/2		1/2	
3/4	2,376.38	3/4	2,021.68	3/4	1,665.44	3/4	1,308.14	3/4	957.74	3/4	604.21	3/4	246.74	3/4		3/4		3/4	
8	2,368.97	8	2,014.30	8	1,658.00	8	1,300.69	8	950.52	8	596.76	8	239.30	8		8		8	
1/4	2,361.57	1/4	2,006.92	1/4	1,650.55	1/4	1,293.25	1/4	943.31	1/4	589.31	1/4	231.85	1/4		1/4		1/4	
1/2	2,354.16	1/2	1,999.53	1/2	1,643.11	1/2	1,285.80	1/2	936.10	1/2	581.87	1/2	224.40	1/2		1/2		1/2	
3/4	2,346.76	3/4	1,992.15	3/4	1,635.67	3/4	1,278.36	3/4	928.88	3/4	574.42	3/4	216.95	3/4		3/4		3/4	
9	2,339.35	9	1,984.77	9	1,628.22	9	1,270.92	9	921.67	9	566.97	9	209.51	9		9		9	
1/4	2,331.95	1/4	1,977.39	1/4	1,620.78	1/4	1,263.47	1/4	914.45	1/4	559.52	1/4	202.06	1/4		1/4		1/4	
1/2	2,324.54	1/2	1,970.01	1/2	1,613.33	1/2	1,256.03	1/2	907.24	1/2	552.07	1/2	194.61	1/2		1/2		1/2	
3/4	2,317.14	3/4	1,962.63	3/4	1,605.89	3/4	1,248.58	3/4	900.03	3/4	544.63	3/4	187.16	3/4		3/4		3/4	
10	2,309.73	10	1,955.25	10	1,598.45	10	1,241.14	10	892.81	10	537.18	10	179.71	10		10		10	
1/4	2,302.33	1/4	1,947.87	1/4	1,591.00	1/4	1,233.70	1/4	885.60	1/4	529.73	1/4	172.26	1/4		1/4		1/4	
1/2	2,294.92	1/2	1,940.49	1/2	1,583.56	1/2	1,226.25	1/2	878.38	1/2	522.28	1/2	164.81	1/2		1/2		1/2	
3/4	2,287.51	3/4	1,933.11	3/4	1,576.12	3/4	1,218.81	3/4	871.17	3/4	514.83	3/4	157.37	3/4		3/4		3/4	
11	2,280.11	11	1,925.72	11	1,568.67	11	1,211.36	11	863.96	11	507.38	11	149.92	11		11		11	
1/4	2,272.70	1/4	1,918.34	1/4	1,561.23	1/4	1,203.92	1/4	856.74	1/4	499.94	1/4	142.47	1/4		1/4		1/4	
1/2	2,265.30	1/2	1,910.96	1/2	1,553.78	1/2	1,196.48	1/2	849.53	1/2	492.49	1/2	135.02	1/2		1/2		1/2	
3/4	2,257.89	3/4	1,903.58	3/4	1,546.34	3/4	1,189.03	3/4	842.31	3/4	485.04	3/4	127.57	3/4		3/4		3/4	

STRAPPED: 03/27/2014 PMA  
RECALCULATED: 07/16/2021 PMA  
VERIFIED: 05/07/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 29155"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,315.63	0	4,097.22	0	3,877.97	0	3,658.69	0	3,333.48	0	2,976.06
1/4		1/4		1/4		1/4		1/4	4,311.10	1/4	4,092.67	1/4	3,873.41	1/4	3,654.12	1/4	3,326.05	1/4	2,968.61
1/2		1/2		1/2		1/2		1/2	4,306.57	1/2	4,088.12	1/2	3,868.84	1/2	3,649.55	1/2	3,318.62	1/2	2,961.15
3/4		3/4		3/4		3/4	4,500.18	3/4	4,302.05	3/4	4,083.55	3/4	3,864.27	3/4	3,644.98	3/4	3,311.19	3/4	2,953.70
1		1		1		1	4,498.33	1	4,297.52	1	4,078.98	1	3,859.70	1	3,640.41	1	3,303.76	1	2,946.25
1/4		1/4		1/4		1/4	4,496.48	1/4	4,292.99	1/4	4,074.42	1/4	3,855.13	1/4	3,635.84	1/4	3,296.34	1/4	2,938.80
1/2		1/2		1/2		1/2	4,494.63	1/2	4,288.47	1/2	4,069.85	1/2	3,850.56	1/2	3,631.28	1/2	3,288.91	1/2	2,931.35
3/4		3/4		3/4		3/4	4,491.97	3/4	4,283.92	3/4	4,065.28	3/4	3,845.99	3/4	3,626.71	3/4	3,281.46	3/4	2,923.90
2		2		2		2	4,489.30	2	4,279.37	2	4,060.71	2	3,841.43	2	3,622.14	2	3,274.02	2	2,916.44
1/4		1/4		1/4		1/4	4,486.64	1/4	4,274.82	1/4	4,056.15	1/4	3,836.86	1/4	3,617.57	1/4	3,266.57	1/4	2,908.99
1/2		1/2		1/2		1/2	4,483.97	1/2	4,270.28	1/2	4,051.58	1/2	3,832.29	1/2	3,613.00	1/2	3,259.13	1/2	2,901.54
3/4		3/4		3/4		3/4	4,480.24	3/4	4,265.72	3/4	4,047.01	3/4	3,827.72	3/4	3,606.27	3/4	3,251.68	3/4	2,894.09
3		3		3		3	4,476.51	3	4,261.17	3	4,042.44	3	3,823.15	3	3,599.54	3	3,244.23	3	2,886.64
1/4		1/4		1/4		1/4	4,472.78	1/4	4,256.61	1/4	4,037.87	1/4	3,818.58	1/4	3,592.80	1/4	3,236.78	1/4	2,879.18
1/2		1/2		1/2		1/2	4,469.05	1/2	4,252.06	1/2	4,033.30	1/2	3,814.02	1/2	3,586.07	1/2	3,229.33	1/2	2,871.73
3/4		3/4		3/4		3/4	4,464.65	3/4	4,247.51	3/4	4,028.73	3/4	3,809.45	3/4	3,578.64	3/4	3,221.88	3/4	2,864.28
4		4		4		4	4,460.26	4	4,242.95	4	4,024.17	4	3,804.88	4	3,571.20	4	3,214.44	4	2,856.83
1/4		1/4		1/4		1/4	4,455.86	1/4	4,238.40	1/4	4,019.60	1/4	3,800.31	1/4	3,563.77	1/4	3,206.99	1/4	2,849.38
1/2		1/2		1/2		1/2	4,451.46	1/2	4,233.84	1/2	4,015.03	1/2	3,795.74	1/2	3,556.33	1/2	3,199.54	1/2	2,841.92
3/4		3/4		3/4		3/4	4,446.93	3/4	4,229.29	3/4	4,010.46	3/4	3,791.17	3/4	3,548.91	3/4	3,192.09	3/4	2,834.47
5		5		5		5	4,442.40	5	4,224.74	5	4,005.89	5	3,786.60	5	3,541.48	5	3,184.64	5	2,827.02
1/4		1/4		1/4		1/4	4,437.87	1/4	4,220.18	1/4	4,001.32	1/4	3,782.04	1/4	3,534.05	1/4	3,177.19	1/4	2,819.57
1/2		1/2		1/2		1/2	4,433.34	1/2	4,215.63	1/2	3,996.76	1/2	3,777.47	1/2	3,526.62	1/2	3,169.74	1/2	2,812.12
3/4		3/4		3/4		3/4	4,428.82	3/4	4,211.07	3/4	3,992.19	3/4	3,772.90	3/4	3,519.19	3/4	3,162.29	3/4	2,804.66
6		6		6		6	4,424.29	6	4,206.52	6	3,987.62	6	3,768.33	6	3,511.76	6	3,154.84	6	2,797.21
1/4		1/4		1/4		1/4	4,419.76	1/4	4,201.97	1/4	3,983.05	1/4	3,763.76	1/4	3,504.33	1/4	3,147.39	1/4	2,789.76
1/2		1/2		1/2		1/2	4,415.23	1/2	4,197.41	1/2	3,978.48	1/2	3,759.19	1/2	3,496.91	1/2	3,139.94	1/2	2,782.31
3/4		3/4		3/4		3/4	4,410.70	3/4	4,192.86	3/4	3,973.91	3/4	3,754.62	3/4	3,489.48	3/4	3,132.49	3/4	2,774.86
7		7		7		7	4,406.17	7	4,188.30	7	3,969.34	7	3,750.06	7	3,482.05	7	3,125.05	7	2,767.41
1/4		1/4		1/4		1/4	4,401.64	1/4	4,183.75	1/4	3,964.78	1/4	3,745.49	1/4	3,474.62	1/4	3,117.60	1/4	2,759.95
1/2		1/2		1/2		1/2	4,397.11	1/2	4,179.20	1/2	3,960.21	1/2	3,740.92	1/2	3,467.19	1/2	3,110.15	1/2	2,752.50
3/4		3/4		3/4		3/4	4,392.58	3/4	4,174.64	3/4	3,955.64	3/4	3,736.35	3/4	3,459.76	3/4	3,102.70	3/4	2,745.05
8		8		8		8	4,388.05	8	4,170.09	8	3,951.07	8	3,731.78	8	3,452.33	8	3,095.25	8	2,737.60
1/4		1/4		1/4		1/4	4,383.53	1/4	4,165.53	1/4	3,946.50	1/4	3,727.21	1/4	3,444.91	1/4	3,087.80	1/4	2,730.15
1/2		1/2		1/2		1/2	4,379.00	1/2	4,160.98	1/2	3,941.93	1/2	3,722.65	1/2	3,437.48	1/2	3,080.35	1/2	2,722.69
3/4		3/4		3/4		3/4	4,374.47	3/4	4,156.43	3/4	3,937.36	3/4	3,718.08	3/4	3,430.05	3/4	3,072.90	3/4	2,715.24
9		9		9		9	4,369.95	9	4,151.87	9	3,932.80	9	3,713.51	9	3,422.62	9	3,065.45	9	2,707.79
1/4		1/4		1/4		1/4	4,365.42	1/4	4,147.32	1/4	3,928.23	1/4	3,708.94	1/4	3,415.19	1/4	3,058.00	1/4	2,700.34
1/2		1/2		1/2		1/2	4,360.89	1/2	4,142.76	1/2	3,923.66	1/2	3,704.37	1/2	3,407.76	1/2	3,050.55	1/2	2,692.89
3/4		3/4		3/4		3/4	4,356.37	3/4	4,138.21	3/4	3,919.09	3/4	3,699.80	3/4	3,400.34	3/4	3,043.10	3/4	2,685.43
10		10		10		10	4,351.84	10	4,133.66	10	3,914.52	10	3,695.23	10	3,392.91	10	3,035.65	10	2,677.98
1/4		1/4		1/4		1/4	4,347.31	1/4	4,129.10	1/4	3,909.95	1/4	3,690.67	1/4	3,385.48	1/4	3,028.21	1/4	2,670.53
1/2		1/2		1/2		1/2	4,342.79	1/2	4,124.55	1/2	3,905.39	1/2	3,686.10	1/2	3,378.05	1/2	3,020.76	1/2	2,663.08
3/4		3/4		3/4		3/4	4,338.26	3/4	4,119.99	3/4	3,900.82	3/4	3,681.53	3/4	3,370.62	3/4	3,013.31	3/4	2,655.63
11		11		11		11	4,333.73	11	4,115.44	11	3,896.25	11	3,676.96	11	3,363.19	11	3,005.86	11	2,648.17
1/4		1/4		1/4		1/4	4,329.21	1/4	4,110.89	1/4	3,891.68	1/4	3,672.39	1/4	3,355.76	1/4	2,998.41	1/4	2,640.72
1/2		1/2		1/2		1/2	4,324.68	1/2	4,106.33	1/2	3,887.11	1/2	3,667.82	1/2	3,348.34	1/2	2,990.96	1/2	2,633.27
3/4		3/4		3/4		3/4	4,320.15	3/4	4,101.78	3/4	3,882.54	3/4	3,663.25	3/4	3,340.91	3/4	2,983.51	3/4	2,625.81

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 29155"

3 STBD

ULLAGE TABLE  
HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30061"

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	2,618.35	0	2,260.31	0	1,902.28	0	1,544.24	0	1,186.20	0	828.71	0	470.69	0	112.66	0		0	
1/4	2,610.89	1/4	2,252.85	1/4	1,894.82	1/4	1,536.78	1/4	1,178.74	1/4	821.25	1/4	463.23	1/4	105.20	1/4		1/4	
1/2	2,603.43	1/2	2,245.40	1/2	1,887.36	1/2	1,529.32	1/2	1,171.29	1/2	813.80	1/2	455.77	1/2	97.74	1/2		1/2	
3/4	2,595.97	3/4	2,237.94	3/4	1,879.90	3/4	1,521.86	3/4	1,163.83	3/4	806.34	3/4	448.31	3/4	90.28	3/4		3/4	
1	2,588.51	1	2,230.48	1	1,872.44	1	1,514.40	1	1,156.37	1	798.88	1	440.85	1	82.82	1		1	
1/4	2,581.06	1/4	2,223.02	1/4	1,864.98	1/4	1,506.94	1/4	1,148.91	1/4	791.42	1/4	433.39	1/4	75.37	1/4		1/4	
1/2	2,573.60	1/2	2,215.56	1/2	1,857.52	1/2	1,499.49	1/2	1,141.45	1/2	783.96	1/2	425.93	1/2	67.91	1/2		1/2	
3/4	2,566.14	3/4	2,208.10	3/4	1,850.06	3/4	1,492.03	3/4	1,134.00	3/4	776.50	3/4	418.47	3/4	61.15	3/4		3/4	
2	2,558.68	2	2,200.64	2	1,842.60	2	1,484.57	2	1,126.54	2	769.04	2	411.02	2	54.39	2		2	
1/4	2,551.22	1/4	2,193.18	1/4	1,835.15	1/4	1,477.11	1/4	1,119.09	1/4	761.58	1/4	403.56	1/4	47.63	1/4		1/4	
1/2	2,543.76	1/2	2,185.72	1/2	1,827.69	1/2	1,469.65	1/2	1,111.64	1/2	754.13	1/2	396.10	1/2	40.87	1/2		1/2	
3/4	2,536.30	3/4	2,178.26	3/4	1,820.23	3/4	1,462.19	3/4	1,104.18	3/4	746.67	3/4	388.64	3/4	35.74	3/4		3/4	
3	2,528.84	3	2,170.80	3	1,812.77	3	1,454.73	3	1,096.73	3	739.21	3	381.18	3	30.61	3		3	
1/4	2,521.38	1/4	2,163.35	1/4	1,805.31	1/4	1,447.27	1/4	1,089.28	1/4	731.75	1/4	373.72	1/4	25.48	1/4		1/4	
1/2	2,513.92	1/2	2,155.89	1/2	1,797.85	1/2	1,439.81	1/2	1,081.83	1/2	724.29	1/2	366.26	1/2	20.36	1/2		1/2	
3/4	2,506.46	3/4	2,148.43	3/4	1,790.39	3/4	1,432.35	3/4	1,074.38	3/4	716.83	3/4	358.80	3/4		3/4		3/4	
4	2,499.00	4	2,140.97	4	1,782.93	4	1,424.89	4	1,066.94	4	709.37	4	351.34	4		4		4	
1/4	2,491.55	1/4	2,133.51	1/4	1,775.47	1/4	1,417.44	1/4	1,059.49	1/4	701.91	1/4	343.89	1/4		1/4		1/4	
1/2	2,484.09	1/2	2,126.05	1/2	1,768.01	1/2	1,409.98	1/2	1,052.05	1/2	694.45	1/2	336.43	1/2		1/2		1/2	
3/4	2,476.63	3/4	2,118.59	3/4	1,760.55	3/4	1,402.52	3/4	1,044.60	3/4	686.99	3/4	328.97	3/4		3/4		3/4	
5	2,469.17	5	2,111.13	5	1,753.09	5	1,395.06	5	1,037.16	5	679.54	5	321.51	5		5		5	
1/4	2,461.71	1/4	2,103.67	1/4	1,745.64	1/4	1,387.60	1/4	1,029.71	1/4	672.08	1/4	314.05	1/4		1/4		1/4	
1/2	2,454.25	1/2	2,096.21	1/2	1,738.18	1/2	1,380.14	1/2	1,022.27	1/2	664.62	1/2	306.59	1/2		1/2		1/2	
3/4	2,446.79	3/4	2,088.75	3/4	1,730.72	3/4	1,372.68	3/4	1,014.83	3/4	657.16	3/4	299.13	3/4		3/4		3/4	
6	2,439.33	6	2,081.30	6	1,723.26	6	1,365.22	6	1,007.38	6	649.70	6	291.67	6		6		6	
1/4	2,431.87	1/4	2,073.84	1/4	1,715.80	1/4	1,357.76	1/4	999.94	1/4	642.24	1/4	284.21	1/4		1/4		1/4	
1/2	2,424.41	1/2	2,066.38	1/2	1,708.34	1/2	1,350.30	1/2	992.50	1/2	634.78	1/2	276.76	1/2		1/2		1/2	
3/4	2,416.95	3/4	2,058.92	3/4	1,700.88	3/4	1,342.84	3/4	985.05	3/4	627.32	3/4	269.30	3/4		3/4		3/4	
7	2,409.50	7	2,051.46	7	1,693.42	7	1,335.39	7	977.61	7	619.86	7	261.84	7		7		7	
1/4	2,402.04	1/4	2,044.00	1/4	1,685.96	1/4	1,327.93	1/4	970.16	1/4	612.41	1/4	254.38	1/4		1/4		1/4	
1/2	2,394.58	1/2	2,036.54	1/2	1,678.50	1/2	1,320.47	1/2	962.72	1/2	604.95	1/2	246.92	1/2		1/2		1/2	
3/4	2,387.12	3/4	2,029.08	3/4	1,671.04	3/4	1,313.01	3/4	955.28	3/4	597.49	3/4	239.46	3/4		3/4		3/4	
8	2,379.66	8	2,021.62	8	1,663.59	8	1,305.55	8	947.83	8	590.03	8	232.00	8		8		8	
1/4	2,372.20	1/4	2,014.16	1/4	1,656.13	1/4	1,298.09	1/4	940.39	1/4	582.57	1/4	224.54	1/4		1/4		1/4	
1/2	2,364.74	1/2	2,006.70	1/2	1,648.67	1/2	1,290.63	1/2	932.95	1/2	575.11	1/2	217.08	1/2		1/2		1/2	
3/4	2,357.28	3/4	1,999.25	3/4	1,641.21	3/4	1,283.17	3/4	925.50	3/4	567.65	3/4	209.63	3/4		3/4		3/4	
9	2,349.82	9	1,991.79	9	1,633.75	9	1,275.71	9	918.06	9	560.19	9	202.17	9		9		9	
1/4	2,342.36	1/4	1,984.33	1/4	1,626.29	1/4	1,268.25	1/4	910.61	1/4	552.73	1/4	194.71	1/4		1/4		1/4	
1/2	2,334.90	1/2	1,976.87	1/2	1,618.83	1/2	1,260.79	1/2	903.17	1/2	545.28	1/2	187.25	1/2		1/2		1/2	
3/4	2,327.45	3/4	1,969.41	3/4	1,611.37	3/4	1,253.34	3/4	895.73	3/4	537.82	3/4	179.79	3/4		3/4		3/4	
10	2,319.99	10	1,961.95	10	1,603.91	10	1,245.88	10	888.28	10	530.36	10	172.33	10		10		10	
1/4	2,312.53	1/4	1,954.49	1/4	1,596.45	1/4	1,238.42	1/4	880.84	1/4	522.90	1/4	164.87	1/4		1/4		1/4	
1/2	2,305.07	1/2	1,947.03	1/2	1,588.99	1/2	1,230.96	1/2	873.39	1/2	515.44	1/2	157.41	1/2		1/2		1/2	
3/4	2,297.61	3/4	1,939.57	3/4	1,581.54	3/4	1,223.50	3/4	865.95	3/4	507.98	3/4	149.95	3/4		3/4		3/4	
11	2,290.15	11	1,932.11	11	1,574.08	11	1,216.04	11	858.51	11	500.52	11	142.50	11		11		11	
1/4	2,282.69	1/4	1,924.65	1/4	1,566.62	1/4	1,208.58	1/4	851.06	1/4	493.06	1/4	135.04	1/4		1/4		1/4	
1/2	2,275.23	1/2	1,917.20	1/2	1,559.16	1/2	1,201.12	1/2	843.62	1/2	485.60	1/2	127.58	1/2		1/2		1/2	
3/4	2,267.77	3/4	1,909.74	3/4	1,551.70	3/4	1,193.66	3/4	836.16	3/4	478.15	3/4	120.12	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/27/2014 PMA  
RECALCULATED: 07/16/2021 PMA  
VERIFIED: 05/07/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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



# BARGE "KIRBY 29155"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMI 30061"

GAUGE HEIGHT 4'-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	100	0	257	0	413	0	513	0		0		0		0		0	
1/4	1	1/4	103	1/4	260	1/4	416	1/4	516	1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	106	1/2	263	1/2	419	1/2	519	1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	109	3/4	267	3/4	422	3/4	522	3/4		3/4		3/4		3/4		3/4	
1	3	1	112	1	270	1	424	1	524	1		1		1		1		1	
1/4	4	1/4	115	1/4	274	1/4	427	1/4	527	1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	118	1/2	277	1/2	430	1/2	527	1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	121	3/4	280	3/4	433	3/4	530	3/4		3/4		3/4		3/4		3/4	
2	7	2	124	2	284	2	436	2	532	2		2		2		2		2	
1/4	9	1/4	128	1/4	287	1/4	438	1/4	534	1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	131	1/2	291	1/2	441	1/2	534	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	134	3/4	294	3/4	444	3/4	534	3/4		3/4		3/4		3/4		3/4	
3	13	3	137	3	297	3	446	3	536	3		3		3		3		3	
1/4	15	1/4	140	1/4	301	1/4	449	1/4	536	1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	143	1/2	304	1/2	452	1/2	536	1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	147	3/4	307	3/4	454	3/4	536	3/4		3/4		3/4		3/4		3/4	
4	20	4	150	4	311	4	457	4	536	4		4		4		4		4	
1/4	22	1/4	153	1/4	314	1/4	459	1/4	536	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	156	1/2	317	1/2	462	1/2	536	1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	159	3/4	321	3/4	464	3/4	536	3/4		3/4		3/4		3/4		3/4	
5	28	5	163	5	324	5	467	5	536	5		5		5		5		5	
1/4	31	1/4	166	1/4	327	1/4	469	1/4	536	1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	169	1/2	331	1/2	471	1/2	536	1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	172	3/4	334	3/4	474	3/4	536	3/4		3/4		3/4		3/4		3/4	
6	37	6	176	6	337	6	476	6	536	6		6		6		6		6	
1/4	39	1/4	179	1/4	341	1/4	478	1/4	536	1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	182	1/2	344	1/2	480	1/2	536	1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	186	3/4	347	3/4	483	3/4	536	3/4		3/4		3/4		3/4		3/4	
7	46	7	189	7	350	7	485	7	536	7		7		7		7		7	
1/4	49	1/4	192	1/4	354	1/4	487	1/4	536	1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	196	1/2	357	1/2	489	1/2	536	1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	199	3/4	360	3/4	491	3/4	536	3/4		3/4		3/4		3/4		3/4	
8	56	8	202	8	363	8	493	8	536	8		8		8		8		8	
1/4	59	1/4	206	1/4	367	1/4	494	1/4	536	1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	209	1/2	370	1/2	496	1/2	536	1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	212	3/4	373	3/4	498	3/4	536	3/4		3/4		3/4		3/4		3/4	
9	67	9	216	9	376	9	500	9	536	9		9		9		9		9	
1/4	69	1/4	219	1/4	379	1/4	501	1/4	536	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	223	1/2	382	1/2	503	1/2	536	1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	226	3/4	385	3/4	504	3/4	536	3/4		3/4		3/4		3/4		3/4	
10	77	10	229	10	389	10	506	10	536	10		10		10		10		10	
1/4	80	1/4	233	1/4	392	1/4	507	1/4	536	1/4		1/4		1/4		1/4		1/4	
1/2	83	1/2	236	1/2	395	1/2	508	1/2	536	1/2		1/2		1/2		1/2		1/2	
3/4	86	3/4	240	3/4	398	3/4	509	3/4	536	3/4		3/4		3/4		3/4		3/4	
11	89	11	243	11	401	11	510	11	536	11		11		11		11		11	
1/4	92	1/4	246	1/4	404	1/4	511	1/4	536	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	250	1/2	407	1/2	512	1/2	536	1/2		1/2		1/2		1/2		1/2	
3/4	97	3/4	253	3/4	410	3/4	512	3/4	536	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 AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.

STRAPPED: 04/03/2014 CL  
CALCULATED: 04/03/2014 CL  
VERIFIED: 05/07/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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 29155"

## SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMI 30061"

GAUGE HEIGHT 5'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	433	0	1,021	0	1,641	0	2,206	0		0		0		0		0	
1/4	5	1/4	444	1/4	1,034	1/4	1,653	1/4	2,216	1/4		1/4		1/4		1/4		1/4	
1/2	11	1/2	456	1/2	1,047	1/2	1,666	1/2	2,227	1/2		1/2		1/2		1/2		1/2	
3/4	16	3/4	467	3/4	1,060	3/4	1,678	3/4	2,237	3/4		3/4		3/4		3/4		3/4	
1	21	1	479	1	1,073	1	1,691	1	2,247	1	1	1	1	1	1	1	1	1	1
1/4	28	1/4	490	1/4	1,086	1/4	1,703	1/4	2,257	1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	502	1/2	1,099	1/2	1,716	1/2	2,267	1/2		1/2		1/2		1/2		1/2	
3/4	41	3/4	513	3/4	1,111	3/4	1,729	3/4	2,277	3/4		3/4		3/4		3/4		3/4	
2	48	2	525	2	1,124	2	1,741	2	2,287	2	2	2	2	2	2	2	2	2	2
1/4	56	1/4	537	1/4	1,137	1/4	1,753	1/4	2,297	1/4		1/4		1/4		1/4		1/4	
1/2	63	1/2	549	1/2	1,150	1/2	1,766	1/2	2,306	1/2		1/2		1/2		1/2		1/2	
3/4	71	3/4	560	3/4	1,163	3/4	1,778	3/4	2,316	3/4		3/4		3/4		3/4		3/4	
3	78	3	572	3	1,176	3	1,791	3	2,326	3	3	3	3	3	3	3	3	3	3
1/4	86	1/4	584	1/4	1,189	1/4	1,803	1/4	2,335	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	596	1/2	1,202	1/2	1,815	1/2	2,344	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	608	3/4	1,215	3/4	1,827	3/4	2,353	3/4		3/4		3/4		3/4		3/4	
4	111	4	620	4	1,228	4	1,840	4	2,362	4	4	4	4	4	4	4	4	4	4
1/4	120	1/4	632	1/4	1,241	1/4	1,852	1/4	2,371	1/4		1/4		1/4		1/4		1/4	
1/2	128	1/2	644	1/2	1,254	1/2	1,864	1/2	2,380	1/2		1/2		1/2		1/2		1/2	
3/4	137	3/4	656	3/4	1,267	3/4	1,876	3/4	2,389	3/4		3/4		3/4		3/4		3/4	
5	146	5	669	5	1,280	5	1,888	5	2,397	5	5	5	5	5	5	5	5	5	5
1/4	155	1/4	681	1/4	1,293	1/4	1,900	1/4	2,406	1/4		1/4		1/4		1/4		1/4	
1/2	164	1/2	693	1/2	1,306	1/2	1,912	1/2	2,414	1/2		1/2		1/2		1/2		1/2	
3/4	173	3/4	705	3/4	1,319	3/4	1,924	3/4	2,422	3/4		3/4		3/4		3/4		3/4	
6	183	6	718	6	1,332	6	1,936	6	2,430	6	6	6	6	6	6	6	6	6	6
1/4	192	1/4	730	1/4	1,345	1/4	1,948	1/4	2,438	1/4		1/4		1/4		1/4		1/4	
1/2	202	1/2	742	1/2	1,358	1/2	1,960	1/2	2,445	1/2		1/2		1/2		1/2		1/2	
3/4	211	3/4	755	3/4	1,371	3/4	1,971	3/4	2,453	3/4		3/4		3/4		3/4		3/4	
7	221	7	767	7	1,384	7	1,983	7	2,460	7	7	7	7	7	7	7	7	7	7
1/4	231	1/4	780	1/4	1,397	1/4	1,995	1/4	2,467	1/4		1/4		1/4		1/4		1/4	
1/2	241	1/2	792	1/2	1,410	1/2	2,006	1/2	2,473	1/2		1/2		1/2		1/2		1/2	
3/4	251	3/4	805	3/4	1,423	3/4	2,018	3/4	2,480	3/4		3/4		3/4		3/4		3/4	
8	261	8	817	8	1,436	8	2,030	8	2,487	8	8	8	8	8	8	8	8	8	8
1/4	271	1/4	830	1/4	1,449	1/4	2,041	1/4	2,492	1/4		1/4		1/4		1/4		1/4	
1/2	282	1/2	843	1/2	1,461	1/2	2,052	1/2	2,498	1/2		1/2		1/2		1/2		1/2	
3/4	292	3/4	855	3/4	1,474	3/4	2,064	3/4	2,503	3/4		3/4		3/4		3/4		3/4	
9	302	9	868	9	1,487	9	2,075	9	2,508	9	9	9	9	9	9	9	9	9	9
1/4	313	1/4	880	1/4	1,500	1/4	2,086	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	324	1/2	893	1/2	1,513	1/2	2,098	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	334	3/4	906	3/4	1,526	3/4	2,109	3/4		3/4		3/4		3/4		3/4		3/4	
10	345	10	919	10	1,539	10	2,120	10		10	10	10	10	10	10	10	10	10	10
1/4	356	1/4	931	1/4	1,551	1/4	2,131	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	367	1/2	944	1/2	1,564	1/2	2,142	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	378	3/4	957	3/4	1,577	3/4	2,153	3/4		3/4		3/4		3/4		3/4		3/4	
11	388	11	970	11	1,590	11	2,163	11		11	11	11	11	11	11	11	11	11	11
1/4	400	1/4	983	1/4	1,602	1/4	2,174	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	411	1/2	995	1/2	1,615	1/2	2,185	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	422	3/4	1,008	3/4	1,628	3/4	2,195	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 AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE

STRAPPED: 04/03/2014 CL  
CALCULATED: 04/03/2014 CL  
VERIFIED: 05/07/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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