

BARGE "KIRBY 28739"

ULLAGE "HERMETIC"

FORMERLY "SMI 30051"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	00-3/4	- 00-3/4	01-3/8	- 01-3/8	02-1/8	- 02-1/8	02-3/4	- 02-3/4	03-1/2	- 03-1/2	04-1/8	- 04-1/8
3 STBD	00-3/4	- 00-3/4	01-3/8	- 01-3/8	02-1/8	- 02-1/8	02-3/4	- 02-3/4	03-1/2	- 03-1/2	04-1/8	- 04-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 3 PORT IS - 01-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 3'-10 5/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

December 1, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28739"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-09"

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	4,858.76	0	4,502.48	0	4,144.57	0	3,786.12	0	3,427.66	0	3,069.21	0	2,710.64
1/4		1/4		1/4		1/4	4,851.35	1/4	4,495.04	1/4	4,137.10	1/4	3,778.65	1/4	3,420.19	1/4	3,061.74	1/4	2,703.17
1/2		1/2		1/2		1/2	4,843.94	1/2	4,487.59	1/2	4,129.63	1/2	3,771.18	1/2	3,412.73	1/2	3,054.27	1/2	2,695.69
3/4		3/4		3/4		3/4	4,836.53	3/4	4,480.14	3/4	4,122.17	3/4	3,763.71	3/4	3,405.26	3/4	3,046.80	3/4	2,688.22
1		1		1		1	4,829.12	1	4,472.70	1	4,114.70	1	3,756.24	1	3,397.79	1	3,039.34	1	2,680.75
1/4		1/4		1/4		1/4	4,821.71	1/4	4,465.25	1/4	4,107.23	1/4	3,748.78	1/4	3,390.32	1/4	3,031.87	1/4	2,673.28
1/2		1/2		1/2		1/2	4,814.30	1/2	4,457.80	1/2	4,099.76	1/2	3,741.31	1/2	3,382.85	1/2	3,024.40	1/2	2,665.81
3/4		3/4		3/4		3/4	4,806.90	3/4	4,450.36	3/4	4,092.30	3/4	3,733.84	3/4	3,375.39	3/4	3,016.93	3/4	2,658.34
2		2		2		2	4,799.49	2	4,442.91	2	4,084.83	2	3,726.37	2	3,367.92	2	3,009.46	2	2,650.86
1/4		1/4		1/4		1/4	4,792.08	1/4	4,435.47	1/4	4,077.36	1/4	3,718.91	1/4	3,360.45	1/4	3,002.00	1/4	2,643.39
1/2		1/2		1/2		1/2	4,784.68	1/2	4,428.02	1/2	4,069.89	1/2	3,711.44	1/2	3,352.98	1/2	2,994.53	1/2	2,635.92
3/4		3/4		3/4		3/4	4,777.27	3/4	4,420.57	3/4	4,062.42	3/4	3,703.97	3/4	3,345.52	3/4	2,987.06	3/4	2,628.45
3		3		3		3	4,769.86	3	4,413.13	3	4,054.96	3	3,696.50	3	3,338.05	3	2,979.59	3	2,620.98
1/4		1/4		1/4		1/4	4,762.46	1/4	4,405.68	1/4	4,047.49	1/4	3,689.03	1/4	3,330.58	1/4	2,972.13	1/4	2,613.50
1/2		1/2		1/2		1/2	4,755.05	1/2	4,398.24	1/2	4,040.02	1/2	3,681.57	1/2	3,323.11	1/2	2,964.66	1/2	2,606.03
3/4		3/4		3/4		3/4	4,747.64	3/4	4,390.79	3/4	4,032.55	3/4	3,674.10	3/4	3,315.64	3/4	2,957.19	3/4	2,598.56
4		4		4		4	4,740.24	4	4,383.34	4	4,025.08	4	3,666.63	4	3,308.18	4	2,949.72	4	2,591.09
1/4		1/4		1/4		1/4	4,732.83	1/4	4,375.90	1/4	4,017.62	1/4	3,659.16	1/4	3,300.71	1/4	2,942.25	1/4	2,583.62
1/2		1/2		1/2		1/2	4,725.43	1/2	4,368.45	1/2	4,010.15	1/2	3,651.69	1/2	3,293.24	1/2	2,934.79	1/2	2,576.15
3/4		3/4		3/4		3/4	4,718.02	3/4	4,361.01	3/4	4,002.68	3/4	3,644.23	3/4	3,285.77	3/4	2,927.32	3/4	2,568.67
5		5		5		5	4,710.61	5	4,353.56	5	3,995.21	5	3,636.76	5	3,278.30	5	2,919.85	5	2,561.20
1/4		1/4		1/4		1/4	4,703.21	1/4	4,346.11	1/4	3,987.75	1/4	3,629.29	1/4	3,270.84	1/4	2,912.38	1/4	2,553.73
1/2		1/2		1/2		1/2	4,695.80	1/2	4,338.67	1/2	3,980.28	1/2	3,621.82	1/2	3,263.37	1/2	2,904.91	1/2	2,546.26
3/4		3/4		3/4		3/4	4,688.39	3/4	4,331.22	3/4	3,972.81	3/4	3,614.36	3/4	3,255.90	3/4	2,897.43	3/4	2,538.79
6		6		6		6	4,680.99	6	4,323.77	6	3,965.34	6	3,606.89	6	3,248.43	6	2,889.96	6	2,531.31
1/4		1/4		1/4		1/4	5,009.18	1/4	4,673.58	1/4	4,316.31	1/4	3,957.87	1/4	3,599.42	1/4	2,882.49	1/4	2,523.84
1/2		1/2		1/2		1/2	5,004.71	1/2	4,666.18	1/2	4,308.85	1/2	3,950.41	1/2	3,591.95	1/2	2,875.02	1/2	2,516.37
3/4		3/4		3/4		3/4	5,000.23	3/4	4,658.77	3/4	4,301.39	3/4	3,942.94	3/4	3,584.48	3/4	2,867.55	3/4	2,508.90
7		7		7		7	4,995.76	7	4,651.36	7	4,293.93	7	3,935.47	7	3,577.02	7	2,860.07	7	2,501.43
1/4		1/4		1/4		1/4	4,990.21	1/4	4,643.93	1/4	4,286.46	1/4	3,928.00	1/4	3,569.55	1/4	2,852.60	1/4	2,493.96
1/2		1/2		1/2		1/2	4,984.67	1/2	4,636.49	1/2	4,278.99	1/2	3,920.54	1/2	3,562.08	1/2	2,845.13	1/2	2,486.48
3/4		3/4		3/4		3/4	4,979.13	3/4	4,629.05	3/4	4,271.52	3/4	3,913.07	3/4	3,554.61	3/4	2,837.66	3/4	2,479.01
8		8		8		8	4,973.59	8	4,621.62	8	4,264.05	8	3,905.60	8	3,547.15	8	2,830.19	8	2,471.54
1/4		1/4		1/4		1/4	4,966.98	1/4	4,614.17	1/4	4,256.59	1/4	3,898.13	1/4	3,539.68	1/4	2,822.71	1/4	2,464.07
1/2		1/2		1/2		1/2	4,960.37	1/2	4,606.73	1/2	4,249.12	1/2	3,890.66	1/2	3,532.21	1/2	2,815.24	1/2	2,456.60
3/4		3/4		3/4		3/4	4,953.76	3/4	4,599.28	3/4	4,241.65	3/4	3,883.20	3/4	3,524.74	3/4	2,807.77	3/4	2,449.12
9		9		9		9	4,947.15	9	4,591.83	9	4,234.18	9	3,875.73	9	3,517.27	9	2,800.30	9	2,441.65
1/4		1/4		1/4		1/4	4,939.87	1/4	4,584.39	1/4	4,226.72	1/4	3,868.26	1/4	3,509.81	1/4	2,792.83	1/4	2,434.18
1/2		1/2		1/2		1/2	4,932.60	1/2	4,576.94	1/2	4,219.25	1/2	3,860.79	1/2	3,502.34	1/2	2,785.36	1/2	2,426.71
3/4		3/4		3/4		3/4	4,925.32	3/4	4,569.50	3/4	4,211.78	3/4	3,853.33	3/4	3,494.87	3/4	2,777.88	3/4	2,419.24
10		10		10		10	4,918.04	10	4,562.05	10	4,204.31	10	3,845.86	10	3,487.40	10	2,770.41	10	2,411.77
1/4		1/4		1/4		1/4	4,910.63	1/4	4,554.60	1/4	4,196.84	1/4	3,838.39	1/4	3,479.94	1/4	2,762.94	1/4	2,404.29
1/2		1/2		1/2		1/2	4,903.22	1/2	4,547.16	1/2	4,189.38	1/2	3,830.92	1/2	3,472.47	1/2	2,755.47	1/2	2,396.82
3/4		3/4		3/4		3/4	4,895.81	3/4	4,539.71	3/4	4,181.91	3/4	3,823.45	3/4	3,465.00	3/4	2,748.00	3/4	2,389.35
11		11		11		11	4,888.40	11	4,532.27	11	4,174.44	11	3,815.99	11	3,457.53	11	2,740.52	11	2,381.88
1/4		1/4		1/4		1/4	4,880.99	1/4	4,524.82	1/4	4,166.97	1/4	3,808.52	1/4	3,450.06	1/4	2,733.05	1/4	2,374.41
1/2		1/2		1/2		1/2	4,873.58	1/2	4,517.37	1/2	4,159.51	1/2	3,801.05	1/2	3,442.60	1/2	2,725.58	1/2	2,366.93
3/4		3/4		3/4		3/4	4,866.17	3/4	4,509.93	3/4	4,152.04	3/4	3,793.58	3/4	3,435.13	3/4	2,718.11	3/4	2,359.46

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 GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "KIRBY 28739"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-09"

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	2,351.99	0	1,993.34	0	1,634.70	0	1,276.05	0	918.55	0	563.20	0	224.97	0		0		0	
1/4	2,344.52	1/4	1,985.87	1/4	1,627.23	1/4	1,268.58	1/4	911.13	1/4	555.93	1/4	218.60	1/4		1/4		1/4	
1/2	2,337.05	1/2	1,978.40	1/2	1,619.75	1/2	1,261.11	1/2	903.71	1/2	548.66	1/2	212.23	1/2		1/2		1/2	
3/4	2,329.58	3/4	1,970.93	3/4	1,612.28	3/4	1,253.64	3/4	896.29	3/4	541.39	3/4	205.87	3/4		3/4		3/4	
1	2,322.10	1	1,963.46	1	1,604.81	1	1,246.16	1	888.87	1	534.12	1	199.50	1		1		1	
1/4	2,314.63	1/4	1,955.99	1/4	1,597.34	1/4	1,238.69	1/4	881.45	1/4	526.85	1/4	193.22	1/4		1/4		1/4	
1/2	2,307.16	1/2	1,948.51	1/2	1,589.87	1/2	1,231.22	1/2	874.03	1/2	519.58	1/2	186.94	1/2		1/2		1/2	
3/4	2,299.69	3/4	1,941.04	3/4	1,582.40	3/4	1,223.75	3/4	866.61	3/4	512.31	3/4	180.66	3/4		3/4		3/4	
2	2,292.22	2	1,933.57	2	1,574.92	2	1,216.28	2	859.18	2	505.04	2	174.38	2		2		2	
1/4	2,284.75	1/4	1,926.10	1/4	1,567.45	1/4	1,208.81	1/4	851.76	1/4	497.80	1/4	168.19	1/4		1/4		1/4	
1/2	2,277.27	1/2	1,918.63	1/2	1,559.98	1/2	1,201.33	1/2	844.34	1/2	490.56	1/2	162.00	1/2		1/2		1/2	
3/4	2,269.80	3/4	1,911.16	3/4	1,552.51	3/4	1,193.86	3/4	836.92	3/4	483.33	3/4	155.81	3/4		3/4		3/4	
3	2,262.33	3	1,903.68	3	1,545.04	3	1,186.39	3	829.50	3	476.09	3	149.62	3		3		3	
1/4	2,254.86	1/4	1,896.21	1/4	1,537.57	1/4	1,178.92	1/4	822.08	1/4	468.93	1/4	143.52	1/4		1/4		1/4	
1/2	2,247.39	1/2	1,888.74	1/2	1,530.09	1/2	1,171.45	1/2	814.66	1/2	461.77	1/2	137.41	1/2		1/2		1/2	
3/4	2,239.91	3/4	1,881.27	3/4	1,522.62	3/4	1,163.98	3/4	807.24	3/4	454.61	3/4	131.31	3/4		3/4		3/4	
4	2,232.44	4	1,873.80	4	1,515.15	4	1,156.50	4	799.82	4	447.45	4	125.21	4		4		4	
1/4	2,224.97	1/4	1,866.32	1/4	1,507.68	1/4	1,149.03	1/4	792.40	1/4	440.38	1/4	119.19	1/4		1/4		1/4	
1/2	2,217.50	1/2	1,858.85	1/2	1,500.21	1/2	1,141.56	1/2	784.98	1/2	433.10	1/2	113.18	1/2		1/2		1/2	
3/4	2,210.03	3/4	1,851.38	3/4	1,492.73	3/4	1,134.09	3/4	777.55	3/4	425.83	3/4	107.16	3/4		3/4		3/4	
5	2,202.56	5	1,843.91	5	1,485.26	5	1,126.62	5	770.13	5	418.56	5	101.15	5		5		5	
1/4	2,195.08	1/4	1,836.44	1/4	1,477.79	1/4	1,119.17	1/4	762.67	1/4	411.37	1/4	95.22	1/4		1/4		1/4	
1/2	2,187.61	1/2	1,828.97	1/2	1,470.32	1/2	1,111.72	1/2	755.22	1/2	404.19	1/2	89.30	1/2		1/2		1/2	
3/4	2,180.14	3/4	1,821.49	3/4	1,462.85	3/4	1,104.27	3/4	747.76	3/4	397.00	3/4	83.37	3/4		3/4		3/4	
6	2,172.67	6	1,814.02	6	1,455.38	6	1,096.82	6	740.30	6	389.81	6	77.44	6		6		6	
1/4	2,165.20	1/4	1,806.55	1/4	1,447.90	1/4	1,089.38	1/4	732.83	1/4	382.72	1/4	71.60	1/4		1/4		1/4	
1/2	2,157.72	1/2	1,799.08	1/2	1,440.43	1/2	1,081.93	1/2	725.35	1/2	375.62	1/2	65.77	1/2		1/2		1/2	
3/4	2,150.25	3/4	1,791.61	3/4	1,432.96	3/4	1,074.49	3/4	717.88	3/4	368.52	3/4	59.93	3/4		3/4		3/4	
7	2,142.78	7	1,784.13	7	1,425.49	7	1,067.05	7	710.41	7	361.43	7	53.89	7		7		7	
1/4	2,135.31	1/4	1,776.66	1/4	1,418.02	1/4	1,059.62	1/4	702.94	1/4	354.42	1/4	48.64	1/4		1/4		1/4	
1/2	2,127.84	1/2	1,769.19	1/2	1,410.54	1/2	1,052.19	1/2	695.47	1/2	347.41	1/2	43.38	1/2		1/2		1/2	
3/4	2,120.37	3/4	1,761.72	3/4	1,403.07	3/4	1,044.75	3/4	688.00	3/4	340.40	3/4	38.13	3/4		3/4		3/4	
8	2,112.89	8	1,754.25	8	1,395.60	8	1,037.32	8	680.52	8	333.39	8	32.88	8		8		8	
1/4	2,105.42	1/4	1,746.78	1/4	1,388.13	1/4	1,029.89	1/4	673.05	1/4	326.47	1/4	29.35	1/4		1/4		1/4	
1/2	2,097.95	1/2	1,739.30	1/2	1,380.66	1/2	1,022.47	1/2	665.58	1/2	319.55	1/2	25.82	1/2		1/2		1/2	
3/4	2,090.48	3/4	1,731.83	3/4	1,373.19	3/4	1,015.04	3/4	658.11	3/4	312.63	3/4	22.29	3/4		3/4		3/4	
9	2,083.01	9	1,724.36	9	1,365.71	9	1,007.61	9	650.64	9	305.71	9	18.76	9		9		9	
1/4	2,075.53	1/4	1,716.89	1/4	1,358.24	1/4	1,000.19	1/4	643.17	1/4	298.87	1/4	—	1/4		1/4		1/4	
1/2	2,068.06	1/2	1,709.42	1/2	1,350.77	1/2	992.76	1/2	635.90	1/2	292.04	1/2		1/2		1/2		1/2	
3/4	2,060.59	3/4	1,701.94	3/4	1,343.30	3/4	985.34	3/4	628.63	3/4	285.21	3/4		3/4		3/4		3/4	
10	2,053.12	10	1,694.47	10	1,335.83	10	977.92	10	621.36	10	278.37	10		10		10		10	
1/4	2,045.65	1/4	1,687.00	1/4	1,328.35	1/4	970.50	1/4	614.09	1/4	271.63	1/4		1/4		1/4		1/4	
1/2	2,038.18	1/2	1,679.53	1/2	1,320.88	1/2	963.08	1/2	606.82	1/2	264.88	1/2		1/2		1/2		1/2	
3/4	2,030.70	3/4	1,672.06	3/4	1,313.41	3/4	955.66	3/4	599.55	3/4	258.14	3/4		3/4		3/4		3/4	
11	2,023.23	11	1,664.59	11	1,305.94	11	948.23	11	592.28	11	251.39	11		11		11		11	
1/4	2,015.76	1/4	1,657.11	1/4	1,298.47	1/4	940.81	1/4	585.01	1/4	244.74	1/4		1/4		1/4		1/4	
1/2	2,008.29	1/2	1,649.64	1/2	1,291.00	1/2	933.39	1/2	577.74	1/2	238.08	1/2		1/2		1/2		1/2	
3/4	2,000.82	3/4	1,642.17	3/4	1,283.52	3/4	925.97	3/4	570.47	3/4	231.42	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/30/2013 SW
 RECALCULATED: 12/01/2023 JS
 NAME CHANGE: 12/01/2023 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28739"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-09 1/4"

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	4,865.38	0	4,509.32	0	4,151.62	0	3,793.34	0	3,435.06	0	3,076.78	0	2,718.41		
1/4		1/4		1/4		1/4	4,857.98	1/4	4,501.88	1/4	4,144.15	1/4	3,785.87	1/4	3,427.60	1/4	3,069.32	1/4	2,710.94		
1/2		1/2		1/2		1/2	4,850.57	1/2	4,494.43	1/2	4,136.69	1/2	3,778.41	1/2	3,420.13	1/2	3,061.86	1/2	2,703.47		
3/4		3/4		3/4		3/4	4,843.16	3/4	4,486.99	3/4	4,129.22	3/4	3,770.95	3/4	3,412.67	3/4	3,054.39	3/4	2,696.01		
1		1		1		1	4,835.76	1	4,479.55	1	4,121.76	1	3,763.48	1	3,405.21	1	3,046.93	1	2,688.54		
1/4		1/4		1/4		1/4	4,828.35	1/4	4,472.11	1/4	4,114.29	1/4	3,756.02	1/4	3,397.74	1/4	3,039.46	1/4	2,681.07		
1/2		1/2		1/2		1/2	4,820.95	1/2	4,464.67	1/2	4,106.83	1/2	3,748.55	1/2	3,390.28	1/2	3,032.00	1/2	2,673.60		
3/4		3/4		3/4		3/4	4,813.54	3/4	4,457.22	3/4	4,099.37	3/4	3,741.09	3/4	3,382.81	3/4	3,024.54	3/4	2,666.13		
2		2		2		2	4,806.14	2	4,449.78	2	4,091.90	2	3,733.63	2	3,375.35	2	3,017.07	2	2,658.67		
1/4		1/4		1/4		1/4	4,798.73	1/4	4,442.34	1/4	4,084.44	1/4	3,726.16	1/4	3,367.88	1/4	3,009.61	1/4	2,651.20		
1/2		1/2		1/2		1/2	4,791.33	1/2	4,434.90	1/2	4,076.97	1/2	3,718.70	1/2	3,360.42	1/2	3,002.14	1/2	2,643.73		
3/4		3/4		3/4		3/4	4,783.93	3/4	4,427.45	3/4	4,069.51	3/4	3,711.23	3/4	3,352.96	3/4	2,994.68	3/4	2,636.26		
3		3		3		3	4,776.53	3	4,420.01	3	4,062.05	3	3,703.77	3	3,345.49	3	2,987.22	3	2,628.79		
1/4		1/4		1/4		1/4	4,769.12	1/4	4,412.57	1/4	4,054.58	1/4	3,696.31	1/4	3,338.03	1/4	2,979.75	1/4	2,621.33		
1/2		1/2		1/2		1/2	4,761.72	1/2	4,405.13	1/2	4,047.12	1/2	3,688.84	1/2	3,330.56	1/2	2,972.29	1/2	2,613.86		
3/4		3/4		3/4		3/4	4,754.32	3/4	4,397.68	3/4	4,039.65	3/4	3,681.38	3/4	3,323.10	3/4	2,964.82	3/4	2,606.39		
4		4		4		4	4,746.92	4	4,390.24	4	4,032.19	4	3,673.91	4	3,315.64	4	2,957.36	4	2,598.92		
1/4		1/4		1/4		1/4	4,739.51	1/4	4,382.80	1/4	4,024.73	1/4	3,666.45	1/4	3,308.17	1/4	2,949.90	1/4	2,591.45		
1/2		1/2		1/2		1/2	4,732.11	1/2	4,375.36	1/2	4,017.26	1/2	3,658.98	1/2	3,300.71	1/2	2,942.43	1/2	2,583.98		
3/4		3/4		3/4		3/4	4,724.71	3/4	4,367.91	3/4	4,009.80	3/4	3,651.52	3/4	3,293.24	3/4	2,934.97	3/4	2,576.52		
5		5		5		5	4,717.31	5	4,360.47	5	4,002.33	5	3,644.06	5	3,285.78	5	2,927.50	5	2,569.05		
1/4		1/4		1/4		1/4	4,709.90	1/4	4,353.03	1/4	3,994.87	1/4	3,636.59	1/4	3,278.32	1/4	2,920.04	1/4	2,561.58		
1/2		1/2		1/2		1/2	4,702.50	1/2	4,345.59	1/2	3,987.40	1/2	3,629.13	1/2	3,270.85	1/2	2,912.57	1/2	2,554.11		
3/4		3/4		3/4		3/4	4,695.10	3/4	4,338.14	3/4	3,979.94	3/4	3,621.66	3/4	3,263.39	3/4	2,905.11	3/4	2,546.64		
6		6		6		6	4,687.70	6	4,330.70	6	3,972.48	6	3,614.20	6	3,255.92	6	2,897.64	6	2,539.18		
1/4		1/4		1/4		1/4	4,680.29	1/4	4,323.26	1/4	3,965.01	1/4	3,606.74	1/4	3,248.46	1/4	2,890.18	1/4	2,531.71		
1/2		1/2		1/2		1/2	5,008.32	1/2	4,672.89	1/2	4,315.80	1/2	3,957.55	1/2	3,599.27	1/2	3,240.99	1/2	2,882.71	1/2	2,524.24
3/4		3/4		3/4		3/4	5,003.85	3/4	4,665.49	3/4	4,308.35	3/4	3,950.08	3/4	3,591.81	3/4	3,233.53	3/4	2,875.24	3/4	2,516.77
7		7		7		7	4,999.37	7	4,658.09	7	4,300.89	7	3,942.62	7	3,584.34	7	3,226.07	7	2,867.77	7	2,509.30
1/4		1/4		1/4		1/4	4,994.90	1/4	4,650.68	1/4	4,293.43	1/4	3,935.16	1/4	3,576.88	1/4	3,218.60	1/4	2,860.30	1/4	2,501.84
1/2		1/2		1/2		1/2	4,989.36	1/2	4,643.25	1/2	4,285.97	1/2	3,927.69	1/2	3,569.42	1/2	3,211.14	1/2	2,852.84	1/2	2,494.37
3/4		3/4		3/4		3/4	4,983.82	3/4	4,635.82	3/4	4,278.50	3/4	3,920.23	3/4	3,561.95	3/4	3,203.67	3/4	2,845.37	3/4	2,486.90
8		8		8		8	4,978.28	8	4,628.39	8	4,271.04	8	3,912.76	8	3,554.49	8	3,196.21	8	2,837.90	8	2,479.43
1/4		1/4		1/4		1/4	4,972.74	1/4	4,620.96	1/4	4,263.58	1/4	3,905.30	1/4	3,547.02	1/4	3,188.75	1/4	2,830.43	1/4	2,471.96
1/2		1/2		1/2		1/2	4,966.14	1/2	4,613.51	1/2	4,256.11	1/2	3,897.84	1/2	3,539.56	1/2	3,181.28	1/2	2,822.96	1/2	2,464.49
3/4		3/4		3/4		3/4	4,959.53	3/4	4,606.07	3/4	4,248.65	3/4	3,890.37	3/4	3,532.09	3/4	3,173.82	3/4	2,815.50	3/4	2,457.03
9		9		9		9	4,952.93	9	4,598.63	9	4,241.18	9	3,882.91	9	3,524.63	9	3,166.35	9	2,808.03	9	2,449.56
1/4		1/4		1/4		1/4	4,946.32	1/4	4,591.19	1/4	4,233.72	1/4	3,875.44	1/4	3,517.17	1/4	3,158.89	1/4	2,800.56	1/4	2,442.09
1/2		1/2		1/2		1/2	4,939.05	1/2	4,583.74	1/2	4,226.26	1/2	3,867.98	1/2	3,509.70	1/2	3,151.43	1/2	2,793.09	1/2	2,434.62
3/4		3/4		3/4		3/4	4,931.78	3/4	4,576.30	3/4	4,218.79	3/4	3,860.52	3/4	3,502.24	3/4	3,143.96	3/4	2,785.62	3/4	2,427.15
10		10		10		10	4,924.50	10	4,568.86	10	4,211.33	10	3,853.05	10	3,494.77	10	3,136.50	10	2,778.16	10	2,419.69
1/4		1/4		1/4		1/4	4,917.23	1/4	4,561.42	1/4	4,203.86	1/4	3,845.59	1/4	3,487.31	1/4	3,129.03	1/4	2,770.69	1/4	2,412.22
1/2		1/2		1/2		1/2	4,909.82	1/2	4,553.97	1/2	4,196.40	1/2	3,838.12	1/2	3,479.85	1/2	3,121.57	1/2	2,763.22	1/2	2,404.75
3/4		3/4		3/4		3/4	4,902.42	3/4	4,546.53	3/4	4,188.94	3/4	3,830.66	3/4	3,472.38	3/4	3,114.11	3/4	2,755.75	3/4	2,397.28
11		11		11		11	4,895.01	11	4,539.09	11	4,181.47	11	3,823.19	11	3,464.92	11	3,106.64	11	2,748.28	11	2,389.81
1/4		1/4		1/4		1/4	4,887.60	1/4	4,531.65	1/4	4,174.01	1/4	3,815.73	1/4	3,457.45	1/4	3,099.18	1/4	2,740.81	1/4	2,382.35
1/2		1/2		1/2		1/2	4,880.20	1/2	4,524.20	1/2	4,166.54	1/2	3,808.27	1/2	3,449.99	1/2	3,091.71	1/2	2,733.35	1/2	2,374.88
3/4		3/4		3/4		3/4	4,872.79	3/4	4,516.76	3/4	4,159.08	3/4	3,800.80	3/4	3,442.53	3/4	3,084.25	3/4	2,725.88	3/4	2,367.41

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC 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 28739"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,359.94	0	2,001.47	0	1,643.00	0	1,284.54	0	926.26	0	570.12	0	231.30	0		0			
1/4	2,352.47	1/4	1,994.00	1/4	1,635.54	1/4	1,277.07	1/4	918.80	1/4	562.85	1/4	224.85	1/4		1/4			
1/2	2,345.01	1/2	1,986.54	1/2	1,628.07	1/2	1,269.60	1/2	911.35	1/2	555.59	1/2	218.49	1/2		1/2			
3/4	2,337.54	3/4	1,979.07	3/4	1,620.60	3/4	1,262.13	3/4	903.90	3/4	548.33	3/4	212.12	3/4		3/4			
1	2,330.07	1	1,971.60	1	1,613.13	1	1,254.66	1	896.44	1	541.07	1	205.76	1		1			
1/4	2,322.60	1/4	1,964.13	1/4	1,605.66	1/4	1,247.19	1/4	888.99	1/4	533.81	1/4	199.39	1/4		1/4			
1/2	2,315.13	1/2	1,956.66	1/2	1,598.20	1/2	1,239.73	1/2	881.53	1/2	526.55	1/2	193.12	1/2		1/2			
3/4	2,307.66	3/4	1,949.20	3/4	1,590.73	3/4	1,232.26	3/4	874.08	3/4	519.29	3/4	186.84	3/4		3/4			
2	2,300.20	2	1,941.73	2	1,583.26	2	1,224.79	2	866.62	2	512.03	2	180.57	2		2			
1/4	2,292.73	1/4	1,934.26	1/4	1,575.79	1/4	1,217.32	1/4	859.17	1/4	504.77	1/4	174.29	1/4		1/4			
1/2	2,285.26	1/2	1,926.79	1/2	1,568.32	1/2	1,209.85	1/2	851.72	1/2	497.54	1/2	168.10	1/2		1/2			
3/4	2,277.79	3/4	1,919.32	3/4	1,560.85	3/4	1,202.39	3/4	844.26	3/4	490.31	3/4	161.91	3/4		3/4			
3	2,270.32	3	1,911.86	3	1,553.39	3	1,194.92	3	836.81	3	483.08	3	155.73	3		3			
1/4	2,262.86	1/4	1,904.39	1/4	1,545.92	1/4	1,187.45	1/4	829.35	1/4	475.85	1/4	149.54	1/4		1/4			
1/2	2,255.39	1/2	1,896.92	1/2	1,538.45	1/2	1,179.98	1/2	821.90	1/2	468.69	1/2	143.44	1/2		1/2			
3/4	2,247.92	3/4	1,889.45	3/4	1,530.98	3/4	1,172.51	3/4	814.44	3/4	461.53	3/4	137.34	3/4		3/4			
4	2,240.45	4	1,881.98	4	1,523.51	4	1,165.05	4	806.99	4	454.38	4	131.24	4		4			
1/4	2,232.98	1/4	1,874.52	1/4	1,516.05	1/4	1,157.58	1/4	799.54	1/4	447.22	1/4	125.14	1/4		1/4			
1/2	2,225.52	1/2	1,867.05	1/2	1,508.58	1/2	1,150.11	1/2	792.08	1/2	440.15	1/2	119.13	1/2		1/2			
3/4	2,218.05	3/4	1,859.58	3/4	1,501.11	3/4	1,142.64	3/4	784.63	3/4	432.88	3/4	113.12	3/4		3/4			
5	2,210.58	5	1,852.11	5	1,493.64	5	1,135.17	5	777.17	5	425.61	5	107.10	5		5			
1/4	2,203.11	1/4	1,844.64	1/4	1,486.17	1/4	1,127.71	1/4	769.72	1/4	418.34	1/4	101.09	1/4		1/4			
1/2	2,195.64	1/2	1,837.17	1/2	1,478.71	1/2	1,120.24	1/2	762.26	1/2	411.16	1/2	95.17	1/2		1/2			
3/4	2,188.18	3/4	1,829.71	3/4	1,471.24	3/4	1,112.77	3/4	754.79	3/4	403.98	3/4	89.24	3/4		3/4			
6	2,180.71	6	1,822.24	6	1,463.77	6	1,105.30	6	747.33	6	396.80	6	83.32	6		6			
1/4	2,173.24	1/4	1,814.77	1/4	1,456.30	1/4	1,097.83	1/4	739.86	1/4	389.62	1/4	77.40	1/4		1/4			
1/2	2,165.77	1/2	1,807.30	1/2	1,448.83	1/2	1,090.36	1/2	732.39	1/2	382.52	1/2	71.56	1/2		1/2			
3/4	2,158.30	3/4	1,799.83	3/4	1,441.37	3/4	1,082.90	3/4	724.93	3/4	375.43	3/4	65.73	3/4		3/4			
7	2,150.83	7	1,792.37	7	1,433.90	7	1,075.43	7	717.46	7	368.33	7	59.89	7		7			
1/4	2,143.37	1/4	1,784.90	1/4	1,426.43	1/4	1,067.96	1/4	709.99	1/4	361.24	1/4	53.85	1/4		1/4			
1/2	2,135.90	1/2	1,777.43	1/2	1,418.96	1/2	1,060.50	1/2	702.52	1/2	354.24	1/2	48.60	1/2		1/2			
3/4	2,128.43	3/4	1,769.96	3/4	1,411.49	3/4	1,053.03	3/4	695.05	3/4	347.23	3/4	43.36	3/4		3/4			
8	2,120.96	8	1,762.49	8	1,404.02	8	1,045.57	8	687.59	8	340.22	8	38.11	8		8			
1/4	2,113.49	1/4	1,755.03	1/4	1,396.56	1/4	1,038.11	1/4	680.12	1/4	333.22	1/4	32.86	1/4		1/4			
1/2	2,106.03	1/2	1,747.56	1/2	1,389.09	1/2	1,030.65	1/2	672.65	1/2	326.30	1/2	29.33	1/2		1/2			
3/4	2,098.56	3/4	1,740.09	3/4	1,381.62	3/4	1,023.18	3/4	665.18	3/4	319.38	3/4	25.80	3/4		3/4			
9	2,091.09	9	1,732.62	9	1,374.15	9	1,015.72	9	657.72	9	312.46	9	22.28	9		9			
1/4	2,083.62	1/4	1,725.15	1/4	1,366.68	1/4	1,008.26	1/4	650.25	1/4	305.55	1/4	18.75	1/4		1/4			
1/2	2,076.15	1/2	1,717.68	1/2	1,359.22	1/2	1,000.81	1/2	642.78	1/2	298.72	1/2		1/2		1/2			
3/4	2,068.69	3/4	1,710.22	3/4	1,351.75	3/4	993.35	3/4	635.51	3/4	291.89	3/4		3/4		3/4			
10	2,061.22	10	1,702.75	10	1,344.28	10	985.89	10	628.25	10	285.06	10		10		10			
1/4	2,053.75	1/4	1,695.28	1/4	1,336.81	1/4	978.44	1/4	620.98	1/4	278.23	1/4		1/4		1/4			
1/2	2,046.28	1/2	1,687.81	1/2	1,329.34	1/2	970.98	1/2	613.71	1/2	271.49	1/2		1/2		1/2			
3/4	2,038.81	3/4	1,680.34	3/4	1,321.88	3/4	963.53	3/4	606.45	3/4	264.75	3/4		3/4		3/4			
11	2,031.35	11	1,672.88	11	1,314.41	11	956.07	11	599.18	11	258.00	11		11		11			
1/4	2,023.88	1/4	1,665.41	1/4	1,306.94	1/4	948.62	1/4	591.92	1/4	251.26	1/4		1/4		1/4			
1/2	2,016.41	1/2	1,657.94	1/2	1,299.47	1/2	941.17	1/2	584.65	1/2	244.61	1/2		1/2		1/2			
3/4	2,008.94	3/4	1,650.47	3/4	1,292.00	3/4	933.71	3/4	577.38	3/4	237.96	3/4		3/4		3/4			

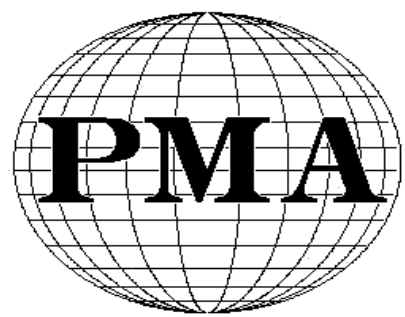
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/30/2013 SW
RECALCULATED: 12/01/2023 JS
NAME CHANGE: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28739"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-09"

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	4,919.74	0	4,562.77	0	4,204.16	0	3,845.01	0	3,485.86	0	3,126.71	0	2,767.44
1/4		1/4		1/4		1/4	4,912.31	1/4	4,555.31	1/4	4,196.68	1/4	3,837.53	1/4	3,478.37	1/4	3,119.22	1/4	2,759.96
1/2		1/2		1/2		1/2	4,904.89	1/2	4,547.84	1/2	4,189.19	1/2	3,830.04	1/2	3,470.89	1/2	3,111.74	1/2	2,752.47
3/4		3/4		3/4		3/4	4,897.46	3/4	4,540.38	3/4	4,181.71	3/4	3,822.56	3/4	3,463.41	3/4	3,104.26	3/4	2,744.98
1		1		1		1	4,890.04	1	4,532.92	1	4,174.23	1	3,815.08	1	3,455.93	1	3,096.78	1	2,737.50
1/4		1/4		1/4		1/4	4,882.62	1/4	4,525.46	1/4	4,166.75	1/4	3,807.60	1/4	3,448.45	1/4	3,089.30	1/4	2,730.01
1/2		1/2		1/2		1/2	4,875.20	1/2	4,518.00	1/2	4,159.26	1/2	3,800.11	1/2	3,440.96	1/2	3,081.81	1/2	2,722.52
3/4		3/4		3/4		3/4	4,867.77	3/4	4,510.54	3/4	4,151.78	3/4	3,792.63	3/4	3,433.48	3/4	3,074.33	3/4	2,715.04
2		2		2		2	4,860.35	2	4,503.08	2	4,144.30	2	3,785.15	2	3,426.00	2	3,066.85	2	2,707.55
1/4		1/4		1/4		1/4	4,852.93	1/4	4,495.62	1/4	4,136.82	1/4	3,777.67	1/4	3,418.52	1/4	3,059.37	1/4	2,700.07
1/2		1/2		1/2		1/2	4,845.51	1/2	4,488.16	1/2	4,129.34	1/2	3,770.18	1/2	3,411.03	1/2	3,051.88	1/2	2,692.58
3/4		3/4		3/4		3/4	4,838.09	3/4	4,480.70	3/4	4,121.85	3/4	3,762.70	3/4	3,403.55	3/4	3,044.40	3/4	2,685.09
3		3		3		3	4,830.67	3	4,473.24	3	4,114.37	3	3,755.22	3	3,396.07	3	3,036.92	3	2,677.61
1/4		1/4		1/4		1/4	4,823.25	1/4	4,465.78	1/4	4,106.89	1/4	3,747.74	1/4	3,388.59	1/4	3,029.44	1/4	2,670.12
1/2		1/2		1/2		1/2	4,815.83	1/2	4,458.32	1/2	4,099.41	1/2	3,740.26	1/2	3,381.11	1/2	3,021.95	1/2	2,662.63
3/4		3/4		3/4		3/4	4,808.41	3/4	4,450.86	3/4	4,091.92	3/4	3,732.77	3/4	3,373.62	3/4	3,014.47	3/4	2,655.15
4		4		4		4	4,800.99	4	4,443.40	4	4,084.44	4	3,725.29	4	3,366.14	4	3,006.99	4	2,647.66
1/4		1/4		1/4		1/4	4,793.57	1/4	4,435.94	1/4	4,076.96	1/4	3,717.81	1/4	3,358.66	1/4	2,999.51	1/4	2,640.18
1/2		1/2		1/2		1/2	4,786.14	1/2	4,428.47	1/2	4,069.48	1/2	3,710.33	1/2	3,351.18	1/2	2,992.03	1/2	2,632.69
3/4		3/4		3/4		3/4	4,778.72	3/4	4,421.01	3/4	4,061.99	3/4	3,702.84	3/4	3,343.69	3/4	2,984.54	3/4	2,625.20
5		5		5		5	4,771.30	5	4,413.55	5	4,054.51	5	3,695.36	5	3,336.21	5	2,977.06	5	2,617.72
1/4		1/4		1/4		1/4	4,763.88	1/4	4,406.09	1/4	4,047.03	1/4	3,687.88	1/4	3,328.73	1/4	2,969.57	1/4	2,610.23
1/2		1/2		1/2		1/2	4,756.46	1/2	4,398.63	1/2	4,039.55	1/2	3,680.40	1/2	3,321.25	1/2	2,962.09	1/2	2,602.74
3/4		3/4		3/4		3/4	4,749.04	3/4	4,391.17	3/4	4,032.07	3/4	3,672.91	3/4	3,313.76	3/4	2,954.60	3/4	2,595.26
6		6		6		6	4,741.62	6	4,383.71	6	4,024.58	6	3,665.43	6	3,306.28	6	2,947.11	6	2,587.77
1/4		1/4		1/4	5,070.45	1/4	4,734.20	1/4	4,376.23	1/4	4,017.10	1/4	3,657.95	1/4	3,298.80	1/4	2,939.63	1/4	2,580.28
1/2		1/2		1/2	5,065.97	1/2	4,726.78	1/2	4,368.76	1/2	4,009.62	1/2	3,650.47	1/2	3,291.32	1/2	2,932.14	1/2	2,572.80
3/4		3/4		3/4	5,061.48	3/4	4,719.36	3/4	4,361.28	3/4	4,002.14	3/4	3,642.99	3/4	3,283.84	3/4	2,924.65	3/4	2,565.31
7		7		7	5,057.00	7	4,711.94	7	4,353.80	7	3,994.65	7	3,635.50	7	3,276.35	7	2,917.17	7	2,557.83
1/4		1/4		1/4	5,051.45	1/4	4,704.49	1/4	4,346.32	1/4	3,987.17	1/4	3,628.02	1/4	3,268.87	1/4	2,909.68	1/4	2,550.34
1/2		1/2		1/2	5,045.89	1/2	4,697.04	1/2	4,338.84	1/2	3,979.69	1/2	3,620.54	1/2	3,261.39	1/2	2,902.20	1/2	2,542.85
3/4		3/4		3/4	5,040.34	3/4	4,689.59	3/4	4,331.36	3/4	3,972.21	3/4	3,613.06	3/4	3,253.91	3/4	2,894.71	3/4	2,535.37
8		8		8	5,034.79	8	4,682.14	8	4,323.87	8	3,964.72	8	3,605.57	8	3,246.42	8	2,887.22	8	2,527.88
1/4		1/4		1/4	5,028.16	1/4	4,674.67	1/4	4,316.39	1/4	3,957.24	1/4	3,598.09	1/4	3,238.94	1/4	2,879.74	1/4	2,520.39
1/2		1/2		1/2	5,021.54	1/2	4,667.21	1/2	4,308.91	1/2	3,949.76	1/2	3,590.61	1/2	3,231.46	1/2	2,872.25	1/2	2,512.91
3/4		3/4		3/4	5,014.92	3/4	4,659.75	3/4	4,301.43	3/4	3,942.28	3/4	3,583.13	3/4	3,223.98	3/4	2,864.76	3/4	2,505.42
9		9		9	5,008.30	9	4,652.29	9	4,293.95	9	3,934.80	9	3,575.64	9	3,216.49	9	2,857.28	9	2,497.94
1/4		1/4		1/4	5,001.01	1/4	4,644.83	1/4	4,286.46	1/4	3,927.31	1/4	3,568.16	1/4	3,209.01	1/4	2,849.79	1/4	2,490.45
1/2		1/2		1/2	4,993.72	1/2	4,637.37	1/2	4,278.98	1/2	3,919.83	1/2	3,560.68	1/2	3,201.53	1/2	2,842.31	1/2	2,482.96
3/4		3/4		3/4	4,986.43	3/4	4,629.91	3/4	4,271.50	3/4	3,912.35	3/4	3,553.20	3/4	3,194.05	3/4	2,834.82	3/4	2,475.48
10		10		10	4,979.14	10	4,622.45	10	4,264.02	10	3,904.87	10	3,545.72	10	3,186.57	10	2,827.33	10	2,467.99
1/4		1/4		1/4	4,971.71	1/4	4,614.99	1/4	4,256.53	1/4	3,897.38	1/4	3,538.23	1/4	3,179.08	1/4	2,819.85	1/4	2,460.50
1/2		1/2		1/2	4,964.29	1/2	4,607.53	1/2	4,249.05	1/2	3,889.90	1/2	3,530.75	1/2	3,171.60	1/2	2,812.36	1/2	2,453.02
3/4		3/4		3/4	4,956.86	3/4	4,600.07	3/4	4,241.57	3/4	3,882.42	3/4	3,523.27	3/4	3,164.12	3/4	2,804.87	3/4	2,445.53
11		11		11	4,949.44	11	4,592.61	11	4,234.09	11	3,874.94	11	3,515.79	11	3,156.64	11	2,797.39	11	2,438.05
1/4		1/4		1/4	4,942.01	1/4	4,585.15	1/4	4,226.61	1/4	3,867.45	1/4	3,508.30	1/4	3,149.15	1/4	2,789.90	1/4	2,430.56
1/2		1/2		1/2	4,934.59	1/2	4,577.69	1/2	4,219.12	1/2	3,859.97	1/2	3,500.82	1/2	3,141.67	1/2	2,782.42	1/2	2,423.07
3/4		3/4		3/4	4,927.16	3/4	4,570.23	3/4	4,211.64	3/4	3,852.49	3/4	3,493.34	3/4	3,134.19	3/4	2,774.93	3/4	2,415.59

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 GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28739"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-09"

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	2,408.10	0	2,048.76	0	1,689.42	0	1,330.07	0	978.72	0	628.00	0	272.30	0		0		0	
1/4	2,400.61	1/4	2,041.27	1/4	1,681.93	1/4	1,322.59	1/4	971.54	1/4	620.71	1/4	265.02	1/4		1/4		1/4	
1/2	2,393.13	1/2	2,033.79	1/2	1,674.44	1/2	1,315.10	1/2	964.35	1/2	613.43	1/2	257.73	1/2		1/2		1/2	
3/4	2,385.64	3/4	2,026.30	3/4	1,666.96	3/4	1,307.61	3/4	957.17	3/4	606.14	3/4	250.45	3/4		3/4		3/4	
1	2,378.15	1	2,018.81	1	1,659.47	1	1,300.13	1	949.99	1	598.86	1	243.17	1		1		1	
1/4	2,370.67	1/4	2,011.33	1/4	1,651.98	1/4	1,292.64	1/4	942.81	1/4	591.58	1/4	235.88	1/4		1/4		1/4	
1/2	2,363.18	1/2	2,003.84	1/2	1,644.50	1/2	1,285.16	1/2	935.63	1/2	584.29	1/2	228.60	1/2		1/2		1/2	
3/4	2,355.70	3/4	1,996.35	3/4	1,637.01	3/4	1,277.67	3/4	928.44	3/4	577.01	3/4	221.31	3/4		3/4		3/4	
2	2,348.21	2	1,988.87	2	1,629.52	2	1,270.18	2	921.26	2	569.72	2	214.03	2		2		2	
1/4	2,340.72	1/4	1,981.38	1/4	1,622.04	1/4	1,262.70	1/4	914.08	1/4	562.44	1/4	206.75	1/4		1/4		1/4	
1/2	2,333.24	1/2	1,973.89	1/2	1,614.55	1/2	1,255.21	1/2	906.90	1/2	555.16	1/2	199.46	1/2		1/2		1/2	
3/4	2,325.75	3/4	1,966.41	3/4	1,607.07	3/4	1,247.72	3/4	899.72	3/4	547.87	3/4	192.18	3/4		3/4		3/4	
3	2,318.26	3	1,958.92	3	1,599.58	3	1,240.24	3	892.53	3	540.59	3	184.89	3		3		3	
1/4	2,310.78	1/4	1,951.44	1/4	1,592.09	1/4	1,232.75	1/4	885.35	1/4	533.30	1/4	177.61	1/4		1/4		1/4	
1/2	2,303.29	1/2	1,943.95	1/2	1,584.61	1/2	1,225.26	1/2	878.17	1/2	526.02	1/2	170.33	1/2		1/2		1/2	
3/4	2,295.81	3/4	1,936.46	3/4	1,577.12	3/4	1,217.78	3/4	870.99	3/4	518.74	3/4	163.04	3/4		3/4		3/4	
4	2,288.32	4	1,928.98	4	1,569.63	4	1,210.29	4	863.81	4	511.45	4	155.76	4		4		4	
1/4	2,280.83	1/4	1,921.49	1/4	1,562.15	1/4	1,202.81	1/4	856.63	1/4	504.17	1/4	148.47	1/4		1/4		1/4	
1/2	2,273.35	1/2	1,914.00	1/2	1,554.66	1/2	1,195.32	1/2	849.44	1/2	496.68	1/2	141.19	1/2		1/2		1/2	
3/4	2,265.86	3/4	1,906.52	3/4	1,547.18	3/4	1,187.83	3/4	842.26	3/4	489.20	3/4	133.91	3/4		3/4		3/4	
5	2,258.37	5	1,899.03	5	1,539.69	5	1,180.35	5	835.08	5	481.71	5	126.62	5		5		5	
1/4	2,250.89	1/4	1,891.55	1/4	1,532.20	1/4	1,173.07	1/4	827.67	1/4	474.22	1/4	119.34	1/4		1/4		1/4	
1/2	2,243.40	1/2	1,884.06	1/2	1,524.72	1/2	1,165.80	1/2	820.26	1/2	466.74	1/2	112.06	1/2		1/2		1/2	
3/4	2,235.92	3/4	1,876.57	3/4	1,517.23	3/4	1,158.52	3/4	812.85	3/4	459.25	3/4	104.77	3/4		3/4		3/4	
6	2,228.43	6	1,869.09	6	1,509.74	6	1,151.25	6	805.44	6	451.77	6	97.49	6		6		6	
1/4	2,220.94	1/4	1,861.60	1/4	1,502.26	1/4	1,144.05	1/4	797.95	1/4	444.28	1/4	90.20	1/4		1/4		1/4	
1/2	2,213.46	1/2	1,854.11	1/2	1,494.77	1/2	1,136.84	1/2	790.47	1/2	436.79	1/2	82.92	1/2		1/2		1/2	
3/4	2,205.97	3/4	1,846.63	3/4	1,487.29	3/4	1,129.64	3/4	782.98	3/4	429.31	3/4	75.64	3/4		3/4		3/4	
7	2,198.48	7	1,839.14	7	1,479.80	7	1,122.44	7	775.49	7	421.82	7	68.15	7		7		7	
1/4	2,191.00	1/4	1,831.65	1/4	1,472.31	1/4	1,115.24	1/4	768.01	1/4	414.33	1/4	61.37	1/4		1/4		1/4	
1/2	2,183.51	1/2	1,824.17	1/2	1,464.83	1/2	1,108.05	1/2	760.52	1/2	406.85	1/2	54.58	1/2		1/2		1/2	
3/4	2,176.02	3/4	1,816.68	3/4	1,457.34	3/4	1,100.86	3/4	753.04	3/4	399.36	3/4	47.80	3/4		3/4		3/4	
8	2,168.54	8	1,809.20	8	1,449.85	8	1,093.67	8	745.55	8	391.88	8	41.01	8		8		8	
1/4	2,161.05	1/4	1,801.71	1/4	1,442.37	1/4	1,086.48	1/4	738.06	1/4	384.39	1/4	35.87	1/4		1/4		1/4	
1/2	2,153.57	1/2	1,794.22	1/2	1,434.88	1/2	1,079.29	1/2	730.58	1/2	376.90	1/2	30.72	1/2		1/2		1/2	
3/4	2,146.08	3/4	1,786.74	3/4	1,427.39	3/4	1,072.10	3/4	723.09	3/4	369.42	3/4	25.57	3/4		3/4		3/4	
9	2,138.59	9	1,779.25	9	1,419.91	9	1,064.91	9	715.61	9	361.93	9	20.43	9		9		9	
1/4	2,131.11	1/4	1,771.76	1/4	1,412.42	1/4	1,057.73	1/4	708.12	1/4	354.45	1/4		1/4		1/4		1/4	
1/2	2,123.62	1/2	1,764.28	1/2	1,404.94	1/2	1,050.54	1/2	700.84	1/2	346.96	1/2		1/2		1/2		1/2	
3/4	2,116.13	3/4	1,756.79	3/4	1,397.45	3/4	1,043.36	3/4	693.55	3/4	339.47	3/4		3/4		3/4		3/4	
10	2,108.65	10	1,749.31	10	1,389.96	10	1,036.17	10	686.27	10	331.99	10		10		10		10	
1/4	2,101.16	1/4	1,741.82	1/4	1,382.48	1/4	1,028.99	1/4	678.98	1/4	324.50	1/4		1/4		1/4		1/4	
1/2	2,093.68	1/2	1,734.33	1/2	1,374.99	1/2	1,021.81	1/2	671.70	1/2	317.02	1/2		1/2		1/2		1/2	
3/4	2,086.19	3/4	1,726.85	3/4	1,367.50	3/4	1,014.63	3/4	664.42	3/4	309.53	3/4		3/4		3/4		3/4	
11	2,078.70	11	1,719.36	11	1,360.02	11	1,007.45	11	657.13	11	302.04	11		11		11		11	
1/4	2,071.22	1/4	1,711.87	1/4	1,352.53	1/4	1,000.26	1/4	649.85	1/4	294.56	1/4		1/4		1/4		1/4	
1/2	2,063.73	1/2	1,704.39	1/2	1,345.05	1/2	993.08	1/2	642.56	1/2	287.07	1/2		1/2		1/2		1/2	
3/4	2,056.24	3/4	1,696.90	3/4	1,337.56	3/4	985.90	3/4	635.28	3/4	279.58	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/30/2013 SW
 RECALCULATED: 12/01/2023 JS
 NAME CHANGE: 12/01/2023 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

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BARGE "KIRBY 28739"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-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		0	4,917.63	0	4,560.67	0	4,202.11	0	3,843.04	0	3,483.98	0	3,124.91	0	2,765.73
1/4		1/4		1/4		1/4	4,910.21	1/4	4,553.21	1/4	4,194.63	1/4	3,835.56	1/4	3,476.50	1/4	3,117.43	1/4	2,758.24
1/2		1/2		1/2		1/2	4,902.79	1/2	4,545.75	1/2	4,187.14	1/2	3,828.08	1/2	3,469.02	1/2	3,109.95	1/2	2,750.76
3/4		3/4		3/4		3/4	4,895.36	3/4	4,538.29	3/4	4,179.66	3/4	3,820.60	3/4	3,461.54	3/4	3,102.47	3/4	2,743.27
1		1		1		1	4,887.94	1	4,530.84	1	4,172.18	1	3,813.12	1	3,454.06	1	3,094.99	1	2,735.79
1/4		1/4		1/4		1/4	4,880.52	1/4	4,523.38	1/4	4,164.70	1/4	3,805.64	1/4	3,446.58	1/4	3,087.51	1/4	2,728.31
1/2		1/2		1/2		1/2	4,873.10	1/2	4,515.92	1/2	4,157.22	1/2	3,798.16	1/2	3,439.09	1/2	3,080.03	1/2	2,720.82
3/4		3/4		3/4		3/4	4,865.68	3/4	4,508.46	3/4	4,149.74	3/4	3,790.68	3/4	3,431.61	3/4	3,072.55	3/4	2,713.34
2		2		2		2	4,858.27	2	4,501.00	2	4,142.26	2	3,783.20	2	3,424.13	2	3,065.07	2	2,705.85
1/4		1/4		1/4		1/4	4,850.85	1/4	4,493.54	1/4	4,134.78	1/4	3,775.72	1/4	3,416.65	1/4	3,057.59	1/4	2,698.37
1/2		1/2		1/2		1/2	4,843.43	1/2	4,486.08	1/2	4,127.30	1/2	3,768.24	1/2	3,409.17	1/2	3,050.11	1/2	2,690.88
3/4		3/4		3/4		3/4	4,836.01	3/4	4,478.62	3/4	4,119.82	3/4	3,760.76	3/4	3,401.69	3/4	3,042.63	3/4	2,683.40
3		3		3		3	4,828.59	3	4,471.17	3	4,112.34	3	3,753.28	3	3,394.21	3	3,035.15	3	2,675.91
1/4		1/4		1/4		1/4	4,821.17	1/4	4,463.71	1/4	4,104.86	1/4	3,745.80	1/4	3,386.73	1/4	3,027.67	1/4	2,668.43
1/2		1/2		1/2		1/2	4,813.75	1/2	4,456.25	1/2	4,097.38	1/2	3,738.31	1/2	3,379.25	1/2	3,020.19	1/2	2,660.94
3/4		3/4		3/4		3/4	4,806.33	3/4	4,448.79	3/4	4,089.90	3/4	3,730.83	3/4	3,371.77	3/4	3,012.71	3/4	2,653.46
4		4		4		4	4,798.91	4	4,441.33	4	4,082.42	4	3,723.35	4	3,364.29	4	3,005.23	4	2,645.98
1/4		1/4		1/4		1/4	4,791.49	1/4	4,433.87	1/4	4,074.94	1/4	3,715.87	1/4	3,356.81	1/4	2,997.75	1/4	2,638.49
1/2		1/2		1/2		1/2	4,784.08	1/2	4,426.41	1/2	4,067.46	1/2	3,708.39	1/2	3,349.33	1/2	2,990.26	1/2	2,631.01
3/4		3/4		3/4		3/4	4,776.66	3/4	4,418.95	3/4	4,059.98	3/4	3,700.91	3/4	3,341.85	3/4	2,982.78	3/4	2,623.52
5		5		5		5	4,769.24	5	4,411.50	5	4,052.50	5	3,693.43	5	3,334.37	5	2,975.29	5	2,616.04
1/4		1/4		1/4		1/4	4,761.82	1/4	4,404.04	1/4	4,045.02	1/4	3,685.95	1/4	3,326.89	1/4	2,967.81	1/4	2,608.55
1/2		1/2		1/2		1/2	4,754.40	1/2	4,396.58	1/2	4,037.53	1/2	3,678.47	1/2	3,319.41	1/2	2,960.32	1/2	2,601.07
3/4		3/4		3/4		3/4	5,083.16	3/4	4,746.98	3/4	4,389.10	3/4	4,030.05	3/4	3,311.93	3/4	2,952.84	3/4	2,593.58
6		6		6		6	5,078.68	6	4,739.56	6	4,381.63	6	4,022.57	6	3,304.45	6	2,945.36	6	2,586.10
1/4		1/4		1/4		1/4	5,074.19	1/4	4,732.14	1/4	4,374.15	1/4	4,015.09	1/4	3,296.97	1/4	2,937.87	1/4	2,578.62
1/2		1/2		1/2		1/2	5,069.71	1/2	4,724.72	1/2	4,366.68	1/2	4,007.61	1/2	3,289.48	1/2	2,930.39	1/2	2,571.13
3/4		3/4		3/4		3/4	5,064.16	3/4	4,717.28	3/4	4,359.20	3/4	4,000.13	3/4	3,282.00	3/4	2,922.90	3/4	2,563.65
7		7		7		7	5,058.61	7	4,709.83	7	4,351.72	7	3,992.65	7	3,274.52	7	2,915.42	7	2,556.16
1/4		1/4		1/4		1/4	5,053.06	1/4	4,702.38	1/4	4,344.24	1/4	3,985.17	1/4	3,267.04	1/4	2,907.93	1/4	2,548.68
1/2		1/2		1/2		1/2	5,047.50	1/2	4,694.93	1/2	4,336.75	1/2	3,977.69	1/2	3,259.56	1/2	2,900.45	1/2	2,541.19
3/4		3/4		3/4		3/4	5,040.88	3/4	4,687.47	3/4	4,329.27	3/4	3,970.21	3/4	3,252.08	3/4	2,892.96	3/4	2,533.71
8		8		8		8	5,034.26	8	4,680.01	8	4,321.79	8	3,962.73	8	3,244.60	8	2,885.48	8	2,526.22
1/4		1/4		1/4		1/4	5,027.64	1/4	4,672.55	1/4	4,314.31	1/4	3,955.25	1/4	3,237.12	1/4	2,878.00	1/4	2,518.74
1/2		1/2		1/2		1/2	5,021.02	1/2	4,665.09	1/2	4,306.83	1/2	3,947.77	1/2	3,229.64	1/2	2,870.51	1/2	2,511.25
3/4		3/4		3/4		3/4	5,013.73	3/4	4,657.64	3/4	4,299.35	3/4	3,940.29	3/4	3,222.16	3/4	2,863.03	3/4	2,503.77
9		9		9		9	5,006.44	9	4,650.18	9	4,291.87	9	3,932.81	9	3,214.68	9	2,855.54	9	2,496.29
1/4		1/4		1/4		1/4	4,999.15	1/4	4,642.72	1/4	4,284.39	1/4	3,925.33	1/4	3,207.20	1/4	2,848.06	1/4	2,488.80
1/2		1/2		1/2		1/2	4,991.86	1/2	4,635.26	1/2	4,276.91	1/2	3,917.85	1/2	3,199.72	1/2	2,840.57	1/2	2,481.32
3/4		3/4		3/4		3/4	4,984.44	3/4	4,627.80	3/4	4,269.43	3/4	3,910.37	3/4	3,192.24	3/4	2,833.09	3/4	2,473.83
10		10		10		10	4,977.02	10	4,620.34	10	4,261.95	10	3,902.89	10	3,184.76	10	2,825.60	10	2,466.35
1/4		1/4		1/4		1/4	4,969.59	1/4	4,612.88	1/4	4,254.47	1/4	3,895.41	1/4	3,177.28	1/4	2,818.12	1/4	2,458.86
1/2		1/2		1/2		1/2	4,962.17	1/2	4,605.42	1/2	4,246.99	1/2	3,887.92	1/2	3,169.80	1/2	2,810.63	1/2	2,451.38
3/4		3/4		3/4		3/4	4,954.75	3/4	4,597.97	3/4	4,239.51	3/4	3,880.44	3/4	3,162.32	3/4	2,803.15	3/4	2,443.89
11		11		11		11	4,947.32	11	4,590.51	11	4,232.03	11	3,872.96	11	3,154.84	11	2,795.67	11	2,436.41
1/4		1/4		1/4		1/4	4,939.90	1/4	4,583.05	1/4	4,224.55	1/4	3,865.48	1/4	3,147.36	1/4	2,788.18	1/4	2,428.93
1/2		1/2		1/2		1/2	4,932.48	1/2	4,575.59	1/2	4,217.07	1/2	3,858.00	1/2	3,139.87	1/2	2,780.70	1/2	2,421.44
3/4		3/4		3/4		3/4	4,925.05	3/4	4,568.13	3/4	4,209.59	3/4	3,850.52	3/4	3,132.39	3/4	2,773.21	3/4	2,413.96

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 GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28739"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,406.47	0	2,047.22	0	1,687.96	0	1,328.70	0	969.66	0	613.28	0	257.68	0		0			
1/4	2,398.99	1/4	2,039.73	1/4	1,680.48	1/4	1,321.22	1/4	962.19	1/4	606.00	1/4	250.39	1/4		1/4			
1/2	2,391.50	1/2	2,032.25	1/2	1,672.99	1/2	1,313.73	1/2	954.72	1/2	598.72	1/2	243.11	1/2		1/2			
3/4	2,384.02	3/4	2,024.76	3/4	1,665.51	3/4	1,306.25	3/4	947.25	3/4	591.44	3/4	235.83	3/4		3/4			
1	2,376.53	1	2,017.28	1	1,658.02	1	1,298.77	1	939.77	1	584.16	1	228.55	1		1			
1/4	2,369.05	1/4	2,009.79	1/4	1,650.54	1/4	1,291.28	1/4	932.30	1/4	576.87	1/4	221.27	1/4		1/4			
1/2	2,361.56	1/2	2,002.31	1/2	1,643.05	1/2	1,283.80	1/2	924.83	1/2	569.59	1/2	213.98	1/2		1/2			
3/4	2,354.08	3/4	1,994.82	3/4	1,635.57	3/4	1,276.31	3/4	917.36	3/4	562.31	3/4	206.70	3/4		3/4			
2	2,346.60	2	1,987.34	2	1,628.08	2	1,268.83	2	909.89	2	555.03	2	199.42	2		2			
1/4	2,339.11	1/4	1,979.86	1/4	1,620.60	1/4	1,261.34	1/4	902.42	1/4	547.75	1/4	192.14	1/4		1/4			
1/2	2,331.63	1/2	1,972.37	1/2	1,613.11	1/2	1,253.86	1/2	894.95	1/2	540.46	1/2	184.86	1/2		1/2			
3/4	2,324.14	3/4	1,964.89	3/4	1,605.63	3/4	1,246.37	3/4	887.47	3/4	533.18	3/4	177.57	3/4		3/4			
3	2,316.66	3	1,957.40	3	1,598.15	3	1,238.89	3	880.00	3	525.90	3	170.29	3		3			
1/4	2,309.17	1/4	1,949.92	1/4	1,590.66	1/4	1,231.41	1/4	872.53	1/4	518.62	1/4	163.01	1/4		1/4			
1/2	2,301.69	1/2	1,942.43	1/2	1,583.18	1/2	1,223.92	1/2	865.06	1/2	511.33	1/2	155.73	1/2		1/2			
3/4	2,294.20	3/4	1,934.95	3/4	1,575.69	3/4	1,216.44	3/4	857.59	3/4	504.05	3/4	148.44	3/4		3/4			
4	2,286.72	4	1,927.46	4	1,568.21	4	1,208.95	4	850.12	4	496.57	4	141.16	4		4			
1/4	2,279.24	1/4	1,919.98	1/4	1,560.72	1/4	1,201.47	1/4	842.64	1/4	489.08	1/4	133.88	1/4		1/4			
1/2	2,271.75	1/2	1,912.49	1/2	1,553.24	1/2	1,193.98	1/2	835.17	1/2	481.60	1/2	126.60	1/2		1/2			
3/4	2,264.27	3/4	1,905.01	3/4	1,545.75	3/4	1,186.50	3/4	827.69	3/4	474.12	3/4	119.32	3/4		3/4			
5	2,256.78	5	1,897.53	5	1,538.27	5	1,179.01	5	820.21	5	466.63	5	112.03	5		5			
1/4	2,249.30	1/4	1,890.04	1/4	1,530.79	1/4	1,171.53	1/4	812.73	1/4	459.15	1/4	104.75	1/4		1/4			
1/2	2,241.81	1/2	1,882.56	1/2	1,523.30	1/2	1,164.04	1/2	805.25	1/2	451.66	1/2	97.47	1/2		1/2			
3/4	2,234.33	3/4	1,875.07	3/4	1,515.82	3/4	1,156.56	3/4	797.76	3/4	444.18	3/4	90.19	3/4		3/4			
6	2,226.84	6	1,867.59	6	1,508.33	6	1,149.08	6	790.28	6	436.69	6	82.90	6		6			
1/4	2,219.36	1/4	1,860.10	1/4	1,500.85	1/4	1,141.59	1/4	782.79	1/4	429.21	1/4	75.62	1/4		1/4			
1/2	2,211.87	1/2	1,852.62	1/2	1,493.36	1/2	1,134.11	1/2	775.31	1/2	421.73	1/2	68.14	1/2		1/2			
3/4	2,204.39	3/4	1,845.13	3/4	1,485.88	3/4	1,126.63	3/4	767.83	3/4	414.24	3/4	61.36	3/4		3/4			
7	2,196.91	7	1,837.65	7	1,478.39	7	1,119.15	7	760.34	7	406.76	7	54.57	7		7			
1/4	2,189.42	1/4	1,830.17	1/4	1,470.91	1/4	1,111.67	1/4	752.86	1/4	399.27	1/4	47.79	1/4		1/4			
1/2	2,181.94	1/2	1,822.68	1/2	1,463.42	1/2	1,104.19	1/2	745.37	1/2	391.79	1/2	41.01	1/2		1/2			
3/4	2,174.45	3/4	1,815.20	3/4	1,455.94	3/4	1,096.71	3/4	737.89	3/4	384.30	3/4	35.86	3/4		3/4			
8	2,166.97	8	1,807.71	8	1,448.46	8	1,089.23	8	730.40	8	376.82	8	30.72	8		8			
1/4	2,159.48	1/4	1,800.23	1/4	1,440.97	1/4	1,081.75	1/4	722.92	1/4	369.34	1/4	25.57	1/4		1/4			
1/2	2,152.00	1/2	1,792.74	1/2	1,433.49	1/2	1,074.27	1/2	715.44	1/2	361.85	1/2	20.42	1/2		1/2			
3/4	2,144.51	3/4	1,785.26	3/4	1,426.00	3/4	1,066.80	3/4	707.95	3/4	354.37	3/4		3/4		3/4			
9	2,137.03	9	1,777.77	9	1,418.52	9	1,059.32	9	700.67	9	346.88	9		9		9			
1/4	2,129.55	1/4	1,770.29	1/4	1,411.03	1/4	1,051.85	1/4	693.39	1/4	339.40	1/4		1/4		1/4			
1/2	2,122.06	1/2	1,762.80	1/2	1,403.55	1/2	1,044.38	1/2	686.11	1/2	331.91	1/2		1/2		1/2			
3/4	2,114.58	3/4	1,755.32	3/4	1,396.06	3/4	1,036.91	3/4	678.82	3/4	324.43	3/4		3/4		3/4			
10	2,107.09	10	1,747.84	10	1,388.58	10	1,029.43	10	671.54	10	316.95	10		10		10			
1/4	2,099.61	1/4	1,740.35	1/4	1,381.10	1/4	1,021.96	1/4	664.26	1/4	309.46	1/4		1/4		1/4			
1/2	2,092.12	1/2	1,732.87	1/2	1,373.61	1/2	1,014.49	1/2	656.98	1/2	301.98	1/2		1/2		1/2			
3/4	2,084.64	3/4	1,725.38	3/4	1,366.13	3/4	1,007.02	3/4	649.69	3/4	294.49	3/4		3/4		3/4			
11	2,077.15	11	1,717.90	11	1,358.64	11	999.55	11	642.41	11	287.01	11		11		11			
1/4	2,069.67	1/4	1,710.41	1/4	1,351.16	1/4	992.08	1/4	635.13	1/4	279.52	1/4		1/4		1/4			
1/2	2,062.18	1/2	1,702.93	1/2	1,343.67	1/2	984.60	1/2	627.85	1/2	272.24	1/2		1/2		1/2			
3/4	2,054.70	3/4	1,695.44	3/4	1,336.19	3/4	977.13	3/4	620.57	3/4	264.96	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/30/2013 SW
RECALCULATED: 12/01/2023 JS
NAME CHANGE: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 28739"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,078.84	0	3,943.96	0	3,807.95	0	3,671.55	0	3,475.58	0	3,119.78	0	2,763.28
1/4		1/4		1/4		1/4	4,076.04	1/4	3,941.13	1/4	3,805.11	1/4	3,668.71	1/4	3,468.17	1/4	3,112.36	1/4	2,755.85
1/2		1/2		1/2		1/2	4,073.23	1/2	3,938.31	1/2	3,802.27	1/2	3,665.87	1/2	3,460.76	1/2	3,104.93	1/2	2,748.42
3/4		3/4		3/4		3/4	4,070.43	3/4	3,935.48	3/4	3,799.42	3/4	3,663.03	3/4	3,453.36	3/4	3,097.50	3/4	2,740.99
1		1		1		1	4,067.63	1	3,932.65	1	3,796.58	1	3,660.19	1	3,445.95	1	3,090.08	1	2,733.56
1/4		1/4		1/4		1/4	4,064.83	1/4	3,929.83	1/4	3,793.74	1/4	3,657.34	1/4	3,438.55	1/4	3,082.65	1/4	2,726.14
1/2		1/2		1/2		1/2	4,062.02	1/2	3,927.00	1/2	3,790.90	1/2	3,654.50	1/2	3,431.14	1/2	3,075.23	1/2	2,718.71
3/4		3/4		3/4		3/4	4,059.22	3/4	3,924.17	3/4	3,788.06	3/4	3,651.66	3/4	3,423.74	3/4	3,067.80	3/4	2,711.28
2		2		2		2	4,056.42	2	3,921.34	2	3,785.22	2	3,648.82	2	3,416.33	2	3,060.38	2	2,703.85
1/4		1/4		1/4		1/4	4,053.62	1/4	3,918.52	1/4	3,782.37	1/4	3,645.98	1/4	3,408.93	1/4	3,052.95	1/4	2,696.42
1/2		1/2		1/2		1/2	4,050.82	1/2	3,915.69	1/2	3,779.53	1/2	3,643.14	1/2	3,401.52	1/2	3,045.52	1/2	2,688.99
3/4		3/4		3/4		3/4	4,048.02	3/4	3,912.86	3/4	3,776.69	3/4	3,640.29	3/4	3,394.12	3/4	3,038.10	3/4	2,681.57
3		3		3		3	4,045.22	3	3,910.04	3	3,773.85	3	3,637.45	3	3,386.71	3	3,030.67	3	2,674.14
1/4		1/4		1/4		1/4	4,042.42	1/4	3,907.21	1/4	3,771.01	1/4	3,634.61	1/4	3,379.31	1/4	3,023.25	1/4	2,666.71
1/2		1/2		1/2		1/2	4,039.62	1/2	3,904.38	1/2	3,768.17	1/2	3,631.77	1/2	3,371.90	1/2	3,015.82	1/2	2,659.28
3/4		3/4		3/4		3/4	4,036.82	3/4	3,901.55	3/4	3,765.33	3/4	3,628.93	3/4	3,364.50	3/4	3,008.39	3/4	2,651.85
4		4		4		4	4,034.02	4	3,898.73	4	3,762.48	4	3,626.09	4	3,357.09	4	3,000.97	4	2,644.42
1/4		1/4		1/4		1/4	4,031.22	1/4	3,895.90	1/4	3,759.64	1/4	3,623.25	1/4	3,349.69	1/4	2,993.54	1/4	2,637.00
1/2		1/2		1/2		1/2	4,028.42	1/2	3,893.07	1/2	3,756.80	1/2	3,620.40	1/2	3,342.28	1/2	2,986.12	1/2	2,629.57
3/4		3/4		3/4		3/4	4,025.62	3/4	3,890.25	3/4	3,753.96	3/4	3,617.56	3/4	3,334.88	3/4	2,978.69	3/4	2,622.14
5		5		5		5	4,022.82	5	3,887.42	5	3,751.12	5	3,614.72	5	3,327.47	5	2,971.27	5	2,614.71
1/4		1/4		1/4		1/4	4,020.02	1/4	3,884.59	1/4	3,748.28	1/4	3,611.88	1/4	3,320.07	1/4	2,963.84	1/4	2,607.28
1/2		1/2		1/2		1/2	4,017.22	1/2	3,881.76	1/2	3,745.43	1/2	3,609.04	1/2	3,312.66	1/2	2,956.41	1/2	2,599.85
3/4		3/4		3/4		3/4	4,014.42	3/4	3,878.94	3/4	3,742.59	3/4	3,606.20	3/4	3,305.26	3/4	2,948.99	3/4	2,592.42
6		6		6		6	4,011.62	6	3,876.11	6	3,739.75	6	3,603.35	6	3,297.85	6	2,941.56	6	2,584.99
1/4		1/4		1/4		1/4	4,008.82	1/4	3,873.28	1/4	3,736.91	1/4	3,600.51	1/4	3,290.45	1/4	2,934.13	1/4	2,577.55
1/2		1/2		1/2		1/2	4,006.02	1/2	3,870.46	1/2	3,734.07	1/2	3,597.67	1/2	3,283.04	1/2	2,926.70	1/2	2,570.12
3/4		3/4		3/4		3/4	4,118.48	3/4	4,003.22	3/4	3,867.62	3/4	3,731.23	3/4	3,594.83	3/4	3,275.64	3/4	2,919.27
7		7		7		7	4,118.36	7	4,000.42	7	3,864.78	7	3,728.38	7	3,591.99	7	3,268.23	7	2,911.85
1/4		1/4		1/4		1/4	4,118.23	1/4	3,997.63	1/4	3,861.94	1/4	3,725.54	1/4	3,589.15	1/4	3,260.83	1/4	2,904.42
1/2		1/2		1/2		1/2	4,118.11	1/2	3,994.83	1/2	3,859.10	1/2	3,722.70	1/2	3,586.30	1/2	3,253.42	1/2	2,896.99
3/4		3/4		3/4		3/4	4,117.17	3/4	3,992.00	3/4	3,856.26	3/4	3,719.86	3/4	3,583.46	3/4	3,246.00	3/4	2,889.56
8		8		8		8	4,116.23	8	3,989.18	8	3,853.41	8	3,717.02	8	3,580.62	8	3,238.58	8	2,882.13
1/4		1/4		1/4		1/4	4,115.29	1/4	3,986.36	1/4	3,850.57	1/4	3,714.18	1/4	3,577.78	1/4	3,231.16	1/4	2,874.70
1/2		1/2		1/2		1/2	4,114.35	1/2	3,983.54	1/2	3,847.73	1/2	3,711.33	1/2	3,574.94	1/2	3,223.74	1/2	2,867.28
3/4		3/4		3/4		3/4	4,112.34	3/4	3,980.71	3/4	3,844.89	3/4	3,708.49	3/4	3,568.64	3/4	3,216.32	3/4	2,859.85
9		9		9		9	4,110.34	9	3,977.89	9	3,842.05	9	3,705.65	9	3,562.35	9	3,208.89	9	2,852.42
1/4		1/4		1/4		1/4	4,108.34	1/4	3,975.06	1/4	3,839.21	1/4	3,702.81	1/4	3,556.05	1/4	3,201.47	1/4	2,844.99
1/2		1/2		1/2		1/2	4,106.33	1/2	3,972.23	1/2	3,836.37	1/2	3,699.97	1/2	3,549.76	1/2	3,194.04	1/2	2,837.56
3/4		3/4		3/4		3/4	4,103.66	3/4	3,969.40	3/4	3,833.52	3/4	3,697.13	3/4	3,542.33	3/4	3,186.61	3/4	2,830.13
10		10		10		10	4,100.99	10	3,966.58	10	3,830.68	10	3,694.29	10	3,534.91	10	3,179.19	10	2,822.71
1/4		1/4		1/4		1/4	4,098.32	1/4	3,963.75	1/4	3,827.84	1/4	3,691.44	1/4	3,527.48	1/4	3,171.76	1/4	2,815.28
1/2		1/2		1/2		1/2	4,095.66	1/2	3,960.92	1/2	3,825.00	1/2	3,688.60	1/2	3,520.06	1/2	3,164.34	1/2	2,807.85
3/4		3/4		3/4		3/4	4,092.85	3/4	3,958.10	3/4	3,822.16	3/4	3,685.76	3/4	3,512.64	3/4	3,156.91	3/4	2,800.42
11		11		11		11	4,090.05	11	3,955.27	11	3,819.32	11	3,682.92	11	3,505.23	11	3,149.48	11	2,792.99
1/4		1/4		1/4		1/4	4,087.25	1/4	3,952.44	1/4	3,816.47	1/4	3,680.08	1/4	3,497.81	1/4	3,142.06	1/4	2,785.56
1/2		1/2		1/2		1/2	4,084.45	1/2	3,949.61	1/2	3,813.63	1/2	3,677.24	1/2	3,490.39	1/2	3,134.63	1/2	2,778.14
3/4		3/4		3/4		3/4	4,081.64	3/4	3,946.79	3/4	3,810.79	3/4	3,674.39	3/4	3,482.99	3/4	3,127.21	3/4	2,770.71

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 GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28739"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,406.88	0	2,052.42	0	1,696.95	0	1,340.03	0	988.64	0	638.72	0	285.46	0		0		0	
1/4	2,399.48	1/4	2,045.05	1/4	1,689.52	1/4	1,332.60	1/4	981.44	1/4	631.48	1/4	278.02	1/4		1/4		1/4	
1/2	2,392.09	1/2	2,037.67	1/2	1,682.08	1/2	1,325.16	1/2	974.23	1/2	624.24	1/2	270.79	1/2		1/2		1/2	
3/4	2,384.69	3/4	2,030.30	3/4	1,674.65	3/4	1,317.73	3/4	967.02	3/4	617.00	3/4	263.55	3/4		3/4		3/4	
1	2,377.29	1	2,022.93	1	1,667.21	1	1,310.29	1	959.82	1	609.76	1	256.31	1		1		1	
1/4	2,369.89	1/4	2,015.55	1/4	1,659.77	1/4	1,302.86	1/4	952.61	1/4	602.53	1/4	249.08	1/4		1/4		1/4	
1/2	2,362.50	1/2	2,008.18	1/2	1,652.34	1/2	1,295.42	1/2	945.41	1/2	595.29	1/2	241.84	1/2		1/2		1/2	
3/4	2,355.10	3/4	2,000.81	3/4	1,644.90	3/4	1,287.98	3/4	938.20	3/4	588.05	3/4	234.60	3/4		3/4		3/4	
2	2,347.70	2	1,993.44	2	1,637.47	2	1,280.55	2	930.99	2	580.81	2	227.36	2		2		2	
1/4	2,340.30	1/4	1,986.06	1/4	1,630.03	1/4	1,273.11	1/4	923.79	1/4	573.57	1/4	220.13	1/4		1/4		1/4	
1/2	2,332.91	1/2	1,978.69	1/2	1,622.60	1/2	1,265.68	1/2	916.58	1/2	566.33	1/2	212.89	1/2		1/2		1/2	
3/4	2,325.51	3/4	1,971.32	3/4	1,615.16	3/4	1,258.24	3/4	909.37	3/4	559.09	3/4	205.65	3/4		3/4		3/4	
3	2,318.11	3	1,963.94	3	1,607.72	3	1,250.81	3	902.17	3	551.86	3	198.41	3		3		3	
1/4	2,310.71	1/4	1,956.57	1/4	1,600.29	1/4	1,243.37	1/4	894.96	1/4	544.62	1/4	191.17	1/4		1/4		1/4	
1/2	2,303.32	1/2	1,949.20	1/2	1,592.85	1/2	1,235.93	1/2	887.76	1/2	537.38	1/2	183.93	1/2		1/2		1/2	
3/4	2,295.92	3/4	1,941.83	3/4	1,585.42	3/4	1,228.50	3/4	880.55	3/4	530.14	3/4	176.69	3/4		3/4		3/4	
4	2,288.52	4	1,934.45	4	1,577.98	4	1,221.06	4	873.34	4	522.90	4	169.46	4		4		4	
1/4	2,281.13	1/4	1,927.08	1/4	1,570.54	1/4	1,213.63	1/4	866.14	1/4	515.66	1/4	162.22	1/4		1/4		1/4	
1/2	2,273.73	1/2	1,919.71	1/2	1,563.11	1/2	1,206.19	1/2	858.93	1/2	508.43	1/2	154.98	1/2		1/2		1/2	
3/4	2,266.33	3/4	1,912.33	3/4	1,555.67	3/4	1,198.75	3/4	851.72	3/4	501.19	3/4	147.74	3/4		3/4		3/4	
5	2,258.93	5	1,904.96	5	1,548.24	5	1,191.32	5	844.52	5	493.75	5	140.50	5		5		5	
1/4	2,251.54	1/4	1,897.59	1/4	1,540.80	1/4	1,183.88	1/4	837.31	1/4	486.31	1/4	133.26	1/4		1/4		1/4	
1/2	2,244.14	1/2	1,890.22	1/2	1,533.37	1/2	1,176.45	1/2	830.11	1/2	478.87	1/2	126.02	1/2		1/2		1/2	
3/4	2,236.76	3/4	1,882.80	3/4	1,525.93	3/4	1,169.17	3/4	822.73	3/4	471.43	3/4	118.77	3/4		3/4		3/4	
6	2,229.38	6	1,875.38	6	1,518.49	6	1,161.89	6	815.34	6	463.99	6	111.53	6		6		6	
1/4	2,222.00	1/4	1,867.96	1/4	1,511.06	1/4	1,154.61	1/4	807.96	1/4	456.55	1/4	104.29	1/4		1/4		1/4	
1/2	2,214.62	1/2	1,860.54	1/2	1,503.62	1/2	1,147.33	1/2	800.58	1/2	449.11	1/2	97.04	1/2		1/2		1/2	
3/4	2,207.25	3/4	1,853.10	3/4	1,496.19	3/4	1,140.11	3/4	793.14	3/4	441.67	3/4	89.79	3/4		3/4		3/4	
7	2,199.88	7	1,845.67	7	1,488.75	7	1,132.88	7	785.70	7	434.24	7	82.55	7		7		7	
1/4	2,192.50	1/4	1,838.23	1/4	1,481.31	1/4	1,125.66	1/4	778.26	1/4	426.80	1/4	75.30	1/4		1/4		1/4	
1/2	2,185.13	1/2	1,830.80	1/2	1,473.88	1/2	1,118.43	1/2	770.82	1/2	419.36	1/2	67.85	1/2		1/2		1/2	
3/4	2,177.76	3/4	1,823.36	3/4	1,466.44	3/4	1,111.22	3/4	763.38	3/4	411.92	3/4	61.09	3/4		3/4		3/4	
8	2,170.39	8	1,815.93	8	1,459.01	8	1,104.00	8	755.94	8	404.48	8	54.34	8		8		8	
1/4	2,163.01	1/4	1,808.49	1/4	1,451.57	1/4	1,096.78	1/4	748.50	1/4	397.04	1/4	47.59	1/4		1/4		1/4	
1/2	2,155.64	1/2	1,801.05	1/2	1,444.14	1/2	1,089.57	1/2	741.06	1/2	389.60	1/2	40.83	1/2		1/2		1/2	
3/4	2,148.27	3/4	1,793.62	3/4	1,436.70	3/4	1,082.35	3/4	733.62	3/4	382.16	3/4	35.71	3/4		3/4		3/4	
9	2,140.89	9	1,786.18	9	1,429.26	9	1,075.14	9	726.18	9	374.73	9	30.59	9		9		9	
1/4	2,133.52	1/4	1,778.75	1/4	1,421.83	1/4	1,067.93	1/4	718.74	1/4	367.29	1/4	25.46	1/4		1/4		1/4	
1/2	2,126.15	1/2	1,771.31	1/2	1,414.39	1/2	1,060.71	1/2	711.30	1/2	359.85	1/2	20.34	1/2		1/2		1/2	
3/4	2,118.78	3/4	1,763.88	3/4	1,406.96	3/4	1,053.50	3/4	703.86	3/4	352.41	3/4		3/4		3/4		3/4	
10	2,111.40	10	1,756.44	10	1,399.52	10	1,046.30	10	696.62	10	344.97	10		10		10		10	
1/4	2,104.03	1/4	1,749.00	1/4	1,392.09	1/4	1,039.09	1/4	689.39	1/4	337.53	1/4		1/4		1/4		1/4	
1/2	2,096.66	1/2	1,741.57	1/2	1,384.65	1/2	1,031.88	1/2	682.15	1/2	330.09	1/2		1/2		1/2		1/2	
3/4	2,089.28	3/4	1,734.13	3/4	1,377.21	3/4	1,024.67	3/4	674.91	3/4	322.66	3/4		3/4		3/4		3/4	
11	2,081.91	11	1,726.70	11	1,369.78	11	1,017.47	11	667.67	11	315.22	11		11		11		11	
1/4	2,074.54	1/4	1,719.26	1/4	1,362.34	1/4	1,010.26	1/4	660.43	1/4	307.78	1/4		1/4		1/4		1/4	
1/2	2,067.17	1/2	1,711.82	1/2	1,354.91	1/2	1,003.06	1/2	653.19	1/2	300.34	1/2		1/2		1/2		1/2	
3/4	2,059.79	3/4	1,704.39	3/4	1,347.47	3/4	995.85	3/4	645.96	3/4	292.90	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/30/2013 SW
RECALCULATED: 12/01/2023 JS
NAME CHANGE: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28739"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-09 1/4"

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	4,100.37	0	3,965.43	0	3,829.36	0	3,692.91	0	3,492.19	0	3,135.34	0	2,777.80
1/4		1/4		1/4		1/4	4,097.57	1/4	3,962.60	1/4	3,826.52	1/4	3,690.07	1/4	3,484.77	1/4	3,127.89	1/4	2,770.34
1/2		1/2		1/2		1/2	4,094.77	1/2	3,959.77	1/2	3,823.67	1/2	3,687.23	1/2	3,477.34	1/2	3,120.44	1/2	2,762.89
3/4		3/4		3/4		3/4	4,091.96	3/4	3,956.94	3/4	3,820.83	3/4	3,684.39	3/4	3,469.91	3/4	3,113.00	3/4	2,755.44
1		1		1		1	4,089.16	1	3,954.11	1	3,817.99	1	3,681.54	1	3,462.49	1	3,105.55	1	2,747.99
1/4		1/4		1/4		1/4	4,086.36	1/4	3,951.29	1/4	3,815.15	1/4	3,678.70	1/4	3,455.06	1/4	3,098.10	1/4	2,740.54
1/2		1/2		1/2		1/2	4,083.55	1/2	3,948.46	1/2	3,812.30	1/2	3,675.86	1/2	3,447.63	1/2	3,090.65	1/2	2,733.09
3/4		3/4		3/4		3/4	4,080.75	3/4	3,945.63	3/4	3,809.46	3/4	3,673.02	3/4	3,440.21	3/4	3,083.21	3/4	2,725.64
2		2		2		2	4,077.95	2	3,942.80	2	3,806.62	2	3,670.17	2	3,432.78	2	3,075.76	2	2,718.19
1/4		1/4		1/4		1/4	4,075.15	1/4	3,939.97	1/4	3,803.78	1/4	3,667.33	1/4	3,425.35	1/4	3,068.31	1/4	2,710.74
1/2		1/2		1/2		1/2	4,072.35	1/2	3,937.15	1/2	3,800.93	1/2	3,664.49	1/2	3,417.93	1/2	3,060.87	1/2	2,703.29
3/4		3/4		3/4		3/4	4,069.55	3/4	3,934.32	3/4	3,798.09	3/4	3,661.65	3/4	3,410.50	3/4	3,053.42	3/4	2,695.84
3		3		3		3	4,066.75	3	3,931.49	3	3,795.25	3	3,658.80	3	3,403.07	3	3,045.97	3	2,688.39
1/4		1/4		1/4		1/4	4,063.95	1/4	3,928.66	1/4	3,792.41	1/4	3,655.96	1/4	3,395.65	1/4	3,038.52	1/4	2,680.94
1/2		1/2		1/2		1/2	4,061.15	1/2	3,925.83	1/2	3,789.56	1/2	3,653.12	1/2	3,388.22	1/2	3,031.08	1/2	2,673.49
3/4		3/4		3/4		3/4	4,058.34	3/4	3,923.01	3/4	3,786.72	3/4	3,650.28	3/4	3,380.79	3/4	3,023.63	3/4	2,666.04
4		4		4		4	4,055.54	4	3,920.18	4	3,783.88	4	3,647.43	4	3,373.37	4	3,016.18	4	2,658.59
1/4		1/4		1/4		1/4	4,052.74	1/4	3,917.35	1/4	3,781.03	1/4	3,644.59	1/4	3,365.94	1/4	3,008.73	1/4	2,651.14
1/2		1/2		1/2		1/2	4,049.94	1/2	3,914.52	1/2	3,778.19	1/2	3,641.75	1/2	3,358.51	1/2	3,001.29	1/2	2,643.69
3/4		3/4		3/4		3/4	4,047.14	3/4	3,911.69	3/4	3,775.35	3/4	3,638.90	3/4	3,351.09	3/4	2,993.84	3/4	2,636.24
5		5		5		5	4,044.34	5	3,908.87	5	3,772.51	5	3,636.06	5	3,343.66	5	2,986.39	5	2,628.79
1/4		1/4		1/4		1/4	4,041.54	1/4	3,906.04	1/4	3,769.66	1/4	3,633.22	1/4	3,336.23	1/4	2,978.94	1/4	2,621.34
1/2		1/2		1/2		1/2	4,038.74	1/2	3,903.21	1/2	3,766.82	1/2	3,630.38	1/2	3,328.81	1/2	2,971.49	1/2	2,613.89
3/4		3/4		3/4		3/4	4,035.94	3/4	3,900.38	3/4	3,763.98	3/4	3,627.53	3/4	3,321.38	3/4	2,964.05	3/4	2,606.43
6		6		6		6	4,033.14	6	3,897.55	6	3,761.14	6	3,624.69	6	3,313.95	6	2,956.60	6	2,598.97
1/4		1/4		1/4		1/4	4,030.34	1/4	3,894.72	1/4	3,758.29	1/4	3,621.85	1/4	3,306.53	1/4	2,949.15	1/4	2,591.52
1/2		1/2		1/2		1/2	4,142.83	1/2	4,027.54	1/2	3,891.89	1/2	3,755.45	1/2	3,619.01	1/2	3,299.10	1/2	2,941.70
3/4		3/4		3/4		3/4	4,142.71	3/4	4,024.74	3/4	3,889.05	3/4	3,752.61	3/4	3,616.16	3/4	3,291.67	3/4	2,934.25
7		7		7		7	4,142.58	7	4,021.94	7	3,886.21	7	3,749.77	7	3,613.32	7	3,284.25	7	2,926.80
1/4		1/4		1/4		1/4	4,142.46	1/4	4,019.13	1/4	3,883.37	1/4	3,746.92	1/4	3,610.48	1/4	3,276.82	1/4	2,919.35
1/2		1/2		1/2		1/2	4,141.52	1/2	4,016.31	1/2	3,880.53	1/2	3,744.08	1/2	3,607.64	1/2	3,269.38	1/2	2,911.90
3/4		3/4		3/4		3/4	4,140.58	3/4	4,013.49	3/4	3,877.68	3/4	3,741.24	3/4	3,604.79	3/4	3,261.93	3/4	2,904.45
8		8		8		8	4,139.64	8	4,010.67	8	3,874.84	8	3,738.40	8	3,601.95	8	3,254.49	8	2,897.00
1/4		1/4		1/4		1/4	4,138.70	1/4	4,007.85	1/4	3,872.00	1/4	3,735.55	1/4	3,599.11	1/4	3,247.05	1/4	2,889.55
1/2		1/2		1/2		1/2	4,136.70	1/2	4,005.02	1/2	3,869.16	1/2	3,732.71	1/2	3,592.81	1/2	3,239.60	1/2	2,882.10
3/4		3/4		3/4		3/4	4,134.69	3/4	4,002.19	3/4	3,866.31	3/4	3,729.87	3/4	3,586.51	3/4	3,232.16	3/4	2,874.65
9		9		9		9	4,132.69	9	3,999.36	9	3,863.47	9	3,727.03	9	3,580.21	9	3,224.71	9	2,867.20
1/4		1/4		1/4		1/4	4,130.68	1/4	3,996.54	1/4	3,860.63	1/4	3,724.18	1/4	3,573.91	1/4	3,217.26	1/4	2,859.75
1/2		1/2		1/2		1/2	4,128.01	1/2	3,993.71	1/2	3,857.79	1/2	3,721.34	1/2	3,566.48	1/2	3,209.81	1/2	2,852.30
3/4		3/4		3/4		3/4	4,125.34	3/4	3,990.88	3/4	3,854.94	3/4	3,718.50	3/4	3,559.05	3/4	3,202.37	3/4	2,844.85
10		10		10		10	4,122.67	10	3,988.05	10	3,852.10	10	3,715.66	10	3,551.61	10	3,194.92	10	2,837.40
1/4		1/4		1/4		1/4	4,120.00	1/4	3,985.22	1/4	3,849.26	1/4	3,712.81	1/4	3,544.18	1/4	3,187.47	1/4	2,829.95
1/2		1/2		1/2		1/2	4,117.19	1/2	3,982.40	1/2	3,846.41	1/2	3,709.97	1/2	3,536.75	1/2	3,180.02	1/2	2,822.50
3/4		3/4		3/4		3/4	4,114.39	3/4	3,979.57	3/4	3,843.57	3/4	3,707.13	3/4	3,529.33	3/4	3,172.58	3/4	2,815.05
11		11		11		11	4,111.59	11	3,976.74	11	3,840.73	11	3,704.28	11	3,521.90	11	3,165.13	11	2,807.60
1/4		1/4		1/4		1/4	4,108.78	1/4	3,973.91	1/4	3,837.89	1/4	3,701.44	1/4	3,514.47	1/4	3,157.68	1/4	2,800.15
1/2		1/2		1/2		1/2	4,105.98	1/2	3,971.08	1/2	3,835.04	1/2	3,698.60	1/2	3,507.05	1/2	3,150.23	1/2	2,792.70
3/4		3/4		3/4		3/4	4,103.18	3/4	3,968.26	3/4	3,832.20	3/4	3,695.76	3/4	3,499.62	3/4	3,142.79	3/4	2,785.25

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 GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28739"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30051"

GAUGE HEIGHT 16'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,420.00	0	2,062.05	0	1,704.10	0	1,346.15	0	988.41	0	632.82	0	278.50	0		0		0	
1/4	2,412.54	1/4	2,054.59	1/4	1,696.64	1/4	1,338.69	1/4	980.97	1/4	625.56	1/4	271.25	1/4		1/4		1/4	
1/2	2,405.08	1/2	2,047.13	1/2	1,689.18	1/2	1,331.23	1/2	973.53	1/2	618.31	1/2	263.99	1/2		1/2		1/2	
3/4	2,397.63	3/4	2,039.68	3/4	1,681.73	3/4	1,323.78	3/4	966.09	3/4	611.05	3/4	256.74	3/4		3/4		3/4	
1	2,390.17	1	2,032.22	1	1,674.27	1	1,316.32	1	958.64	1	603.80	1	249.48	1		1		1	
1/4	2,382.71	1/4	2,024.76	1/4	1,666.81	1/4	1,308.86	1/4	951.20	1/4	596.54	1/4	242.23	1/4		1/4		1/4	
1/2	2,375.25	1/2	2,017.30	1/2	1,659.35	1/2	1,301.40	1/2	943.76	1/2	589.28	1/2	234.97	1/2		1/2		1/2	
3/4	2,367.80	3/4	2,009.85	3/4	1,651.90	3/4	1,293.95	3/4	936.32	3/4	582.03	3/4	227.72	3/4		3/4		3/4	
2	2,360.34	2	2,002.39	2	1,644.44	2	1,286.49	2	928.88	2	574.77	2	220.46	2		2		2	
1/4	2,352.88	1/4	1,994.93	1/4	1,636.98	1/4	1,279.03	1/4	921.43	1/4	567.52	1/4	213.20	1/4		1/4		1/4	
1/2	2,345.43	1/2	1,987.47	1/2	1,629.52	1/2	1,271.57	1/2	913.99	1/2	560.26	1/2	205.95	1/2		1/2		1/2	
3/4	2,337.97	3/4	1,980.02	3/4	1,622.07	3/4	1,264.12	3/4	906.55	3/4	553.01	3/4	198.69	3/4		3/4		3/4	
3	2,330.51	3	1,972.56	3	1,614.61	3	1,256.66	3	899.11	3	545.75	3	191.44	3		3		3	
1/4	2,323.05	1/4	1,965.10	1/4	1,607.15	1/4	1,249.20	1/4	891.67	1/4	538.49	1/4	184.18	1/4		1/4		1/4	
1/2	2,315.60	1/2	1,957.65	1/2	1,599.70	1/2	1,241.74	1/2	884.22	1/2	531.24	1/2	176.93	1/2		1/2		1/2	
3/4	2,308.14	3/4	1,950.19	3/4	1,592.24	3/4	1,234.29	3/4	876.78	3/4	523.98	3/4	169.67	3/4		3/4		3/4	
4	2,300.68	4	1,942.73	4	1,584.78	4	1,226.83	4	869.34	4	516.73	4	162.42	4		4		4	
1/4	2,293.22	1/4	1,935.27	1/4	1,577.32	1/4	1,219.37	1/4	861.90	1/4	509.47	1/4	155.16	1/4		1/4		1/4	
1/2	2,285.77	1/2	1,927.82	1/2	1,569.87	1/2	1,211.92	1/2	854.46	1/2	502.22	1/2	147.90	1/2		1/2		1/2	
3/4	2,278.31	3/4	1,920.36	3/4	1,562.41	3/4	1,204.46	3/4	847.01	3/4	494.76	3/4	140.65	3/4		3/4		3/4	
5	2,270.85	5	1,912.90	5	1,554.95	5	1,197.00	5	839.57	5	487.30	5	133.39	5		5		5	
1/4	2,263.39	1/4	1,905.44	1/4	1,547.49	1/4	1,189.54	1/4	832.13	1/4	479.85	1/4	126.14	1/4		1/4		1/4	
1/2	2,255.94	1/2	1,897.99	1/2	1,540.04	1/2	1,182.09	1/2	824.68	1/2	472.39	1/2	118.88	1/2		1/2		1/2	
3/4	2,248.48	3/4	1,890.53	3/4	1,532.58	3/4	1,174.63	3/4	817.22	3/4	464.93	3/4	111.63	3/4		3/4		3/4	
6	2,241.02	6	1,883.07	6	1,525.12	6	1,167.17	6	809.77	6	457.47	6	104.37	6		6		6	
1/4	2,233.57	1/4	1,875.62	1/4	1,517.66	1/4	1,159.71	1/4	802.32	1/4	450.02	1/4	97.12	1/4		1/4		1/4	
1/2	2,226.11	1/2	1,868.16	1/2	1,510.21	1/2	1,152.26	1/2	794.86	1/2	442.56	1/2	89.86	1/2		1/2		1/2	
3/4	2,218.65	3/4	1,860.70	3/4	1,502.75	3/4	1,144.80	3/4	787.40	3/4	435.10	3/4	82.61	3/4		3/4		3/4	
7	2,211.19	7	1,853.24	7	1,495.29	7	1,137.34	7	779.94	7	427.65	7	75.35	7		7		7	
1/4	2,203.74	1/4	1,845.79	1/4	1,487.84	1/4	1,129.89	1/4	772.49	1/4	420.19	1/4	67.89	1/4		1/4		1/4	
1/2	2,196.28	1/2	1,838.33	1/2	1,480.38	1/2	1,122.43	1/2	765.03	1/2	412.73	1/2	61.13	1/2		1/2		1/2	
3/4	2,188.82	3/4	1,830.87	3/4	1,472.92	3/4	1,114.98	3/4	757.57	3/4	405.27	3/4	54.38	3/4		3/4		3/4	
8	2,181.36	8	1,823.41	8	1,465.46	8	1,107.53	8	750.12	8	397.82	8	47.62	8		8		8	
1/4	2,173.91	1/4	1,815.96	1/4	1,458.01	1/4	1,100.08	1/4	742.66	1/4	390.36	1/4	40.86	1/4		1/4		1/4	
1/2	2,166.45	1/2	1,808.50	1/2	1,450.55	1/2	1,092.63	1/2	735.20	1/2	382.90	1/2	35.73	1/2		1/2		1/2	
3/4	2,158.99	3/4	1,801.04	3/4	1,443.09	3/4	1,085.18	3/4	727.74	3/4	375.45	3/4	30.61	3/4		3/4		3/4	
9	2,151.54	9	1,793.59	9	1,435.63	9	1,077.73	9	720.29	9	367.99	9	25.48	9		9		9	
1/4	2,144.08	1/4	1,786.13	1/4	1,428.18	1/4	1,070.28	1/4	712.83	1/4	360.53	1/4	20.35	1/4		1/4		1/4	
1/2	2,136.62	1/2	1,778.67	1/2	1,420.72	1/2	1,062.84	1/2	705.37	1/2	353.07	1/2		1/2		1/2		1/2	
3/4	2,129.16	3/4	1,771.21	3/4	1,413.26	3/4	1,055.39	3/4	698.12	3/4	345.62	3/4		3/4		3/4		3/4	
10	2,121.71	10	1,763.76	10	1,405.81	10	1,047.95	10	690.86	10	338.16	10		10		10		10	
1/4	2,114.25	1/4	1,756.30	1/4	1,398.35	1/4	1,040.51	1/4	683.61	1/4	330.70	1/4		1/4		1/4		1/4	
1/2	2,106.79	1/2	1,748.84	1/2	1,390.89	1/2	1,033.06	1/2	676.35	1/2	323.25	1/2		1/2		1/2		1/2	
3/4	2,099.33	3/4	1,741.38	3/4	1,383.43	3/4	1,025.62	3/4	669.10	3/4	315.79	3/4		3/4		3/4		3/4	
11	2,091.88	11	1,733.93	11	1,375.98	11	1,018.18	11	661.84	11	308.33	11		11		11		11	
1/4	2,084.42	1/4	1,726.47	1/4	1,368.52	1/4	1,010.74	1/4	654.58	1/4	300.87	1/4		1/4		1/4		1/4	
1/2	2,076.96	1/2	1,719.01	1/2	1,361.06	1/2	1,003.30	1/2	647.33	1/2	293.42	1/2		1/2		1/2		1/2	
3/4	2,069.51	3/4	1,711.55	3/4	1,353.60	3/4	995.85	3/4	640.07	3/4	285.96	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/30/2013 SW
RECALCULATED: 12/01/2023 JS
NAME CHANGE: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28739"

FUEL TANK PORT

INNAGE TABLE GAUGE HEIGHT 5'-11"

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMI 30051"

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	1,237	0	2,474	0	3,711	0	4,948	0	6,185	0		0		0		0	
1/4	26	1/4	1,263	1/4	2,500	1/4	3,737	1/4	4,974	1/4	6,211	1/4		1/4		1/4		1/4	
1/2	52	1/2	1,289	1/2	2,526	1/2	3,763	1/2	5,000	1/2	6,237	1/2		1/2		1/2		1/2	
3/4	77	3/4	1,314	3/4	2,551	3/4	3,789	3/4	5,026	3/4	6,263	3/4		3/4		3/4		3/4	
1	103	1	1,340	1	2,577	1	3,814	1	5,051	1	6,289	1		1		1		1	
1/4	129	1/4	1,366	1/4	2,603	1/4	3,840	1/4	5,077	1/4	6,314	1/4		1/4		1/4		1/4	
1/2	155	1/2	1,392	1/2	2,629	1/2	3,866	1/2	5,103	1/2	6,340	1/2		1/2		1/2		1/2	
3/4	180	3/4	1,417	3/4	2,655	3/4	3,892	3/4	5,129	3/4	6,366	3/4		3/4		3/4		3/4	
2	206	2	1,443	2	2,680	2	3,917	2	5,155	2	6,392	2		2		2		2	
1/4	232	1/4	1,469	1/4	2,706	1/4	3,943	1/4	5,180	1/4	6,417	1/4		1/4		1/4		1/4	
1/2	258	1/2	1,495	1/2	2,732	1/2	3,969	1/2	5,206	1/2	6,443	1/2		1/2		1/2		1/2	
3/4	283	3/4	1,521	3/4	2,758	3/4	3,995	3/4	5,232	3/4	6,469	3/4		3/4		3/4		3/4	
3	309	3	1,546	3	2,783	3	4,021	3	5,258	3	6,495	3		3		3		3	
1/4	335	1/4	1,572	1/4	2,809	1/4	4,046	1/4	5,283	1/4	6,520	1/4		1/4		1/4		1/4	
1/2	361	1/2	1,598	1/2	2,835	1/2	4,072	1/2	5,309	1/2	6,546	1/2		1/2		1/2		1/2	
3/4	387	3/4	1,624	3/4	2,861	3/4	4,098	3/4	5,335	3/4	6,572	3/4		3/4		3/4		3/4	
4	412	4	1,649	4	2,887	4	4,124	4	5,361	4	6,598	4		4		4		4	
1/4	438	1/4	1,675	1/4	2,912	1/4	4,149	1/4	5,386	1/4		1/4		1/4		1/4		1/4	
1/2	464	1/2	1,701	1/2	2,938	1/2	4,175	1/2	5,412	1/2		1/2		1/2		1/2		1/2	
3/4	490	3/4	1,727	3/4	2,964	3/4	4,201	3/4	5,438	3/4		3/4		3/4		3/4		3/4	
5	515	5	1,753	5	2,990	5	4,227	5	5,464	5		5		5		5		5	
1/4	541	1/4	1,778	1/4	3,015	1/4	4,252	1/4	5,490	1/4		1/4		1/4		1/4		1/4	
1/2	567	1/2	1,804	1/2	3,041	1/2	4,278	1/2	5,515	1/2		1/2		1/2		1/2		1/2	
3/4	593	3/4	1,830	3/4	3,067	3/4	4,304	3/4	5,541	3/4		3/4		3/4		3/4		3/4	
6	619	6	1,856	6	3,093	6	4,330	6	5,567	6		6		6		6		6	
1/4	644	1/4	1,881	1/4	3,118	1/4	4,356	1/4	5,593	1/4		1/4		1/4		1/4		1/4	
1/2	670	1/2	1,907	1/2	3,144	1/2	4,381	1/2	5,618	1/2		1/2		1/2		1/2		1/2	
3/4	696	3/4	1,933	3/4	3,170	3/4	4,407	3/4	5,644	3/4		3/4		3/4		3/4		3/4	
7	722	7	1,959	7	3,196	7	4,433	7	5,670	7		7		7		7		7	
1/4	747	1/4	1,984	1/4	3,222	1/4	4,459	1/4	5,696	1/4		1/4		1/4		1/4		1/4	
1/2	773	1/2	2,010	1/2	3,247	1/2	4,484	1/2	5,722	1/2		1/2		1/2		1/2		1/2	
3/4	799	3/4	2,036	3/4	3,273	3/4	4,510	3/4	5,747	3/4		3/4		3/4		3/4		3/4	
8	825	8	2,062	8	3,299	8	4,536	8	5,773	8		8		8		8		8	
1/4	850	1/4	2,088	1/4	3,325	1/4	4,562	1/4	5,799	1/4		1/4		1/4		1/4		1/4	
1/2	876	1/2	2,113	1/2	3,350	1/2	4,588	1/2	5,825	1/2		1/2		1/2		1/2		1/2	
3/4	902	3/4	2,139	3/4	3,376	3/4	4,613	3/4	5,850	3/4		3/4		3/4		3/4		3/4	
9	928	9	2,165	9	3,402	9	4,639	9	5,876	9		9		9		9		9	
1/4	954	1/4	2,191	1/4	3,428	1/4	4,665	1/4	5,902	1/4		1/4		1/4		1/4		1/4	
1/2	979	1/2	2,216	1/2	3,454	1/2	4,691	1/2	5,928	1/2		1/2		1/2		1/2		1/2	
3/4	1,005	3/4	2,242	3/4	3,479	3/4	4,716	3/4	5,953	3/4		3/4		3/4		3/4		3/4	
10	1,031	10	2,268	10	3,505	10	4,742	10	5,979	10		10		10		10		10	
1/4	1,057	1/4	2,294	1/4	3,531	1/4	4,768	1/4	6,005	1/4		1/4		1/4		1/4		1/4	
1/2	1,082	1/2	2,320	1/2	3,557	1/2	4,794	1/2	6,031	1/2		1/2		1/2		1/2		1/2	
3/4	1,108	3/4	2,345	3/4	3,582	3/4	4,819	3/4	6,057	3/4		3/4		3/4		3/4		3/4	
11	1,134	11	2,371	11	3,608	11	4,845	11	6,082	11		11		11		11		11	
1/4	1,160	1/4	2,397	1/4	3,634	1/4	4,871	1/4	6,108	1/4		1/4		1/4		1/4		1/4	
1/2	1,186	1/2	2,423	1/2	3,660	1/2	4,897	1/2	6,134	1/2		1/2		1/2		1/2		1/2	
3/4	1,211	3/4	2,448	3/4	3,685	3/4	4,923	3/4	6,160	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

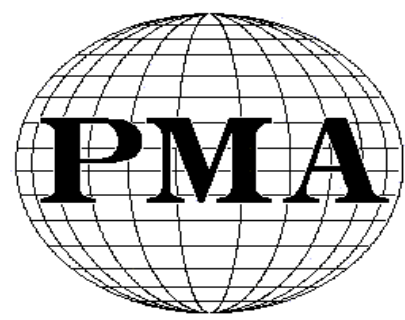
BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.

STRAPPED: 09/30/2013 SW
RECALCULATED: 12/01/2023 JS
NAME CHANGE: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28739"

FUEL TANK STBD

INNAGE TABLE GAUGE HEIGHT 5'-11"

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMI 30051"

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	1,237	0	2,474	0	3,711	0	4,948	0	6,185	0		0		0		0	
1/4	26	1/4	1,263	1/4	2,500	1/4	3,737	1/4	4,974	1/4	6,211	1/4		1/4		1/4		1/4	
1/2	52	1/2	1,289	1/2	2,526	1/2	3,763	1/2	5,000	1/2	6,237	1/2		1/2		1/2		1/2	
3/4	77	3/4	1,314	3/4	2,551	3/4	3,789	3/4	5,026	3/4	6,263	3/4		3/4		3/4		3/4	
1	103	1	1,340	1	2,577	1	3,814	1	5,051	1	6,289	1		1		1		1	
1/4	129	1/4	1,366	1/4	2,603	1/4	3,840	1/4	5,077	1/4	6,314	1/4		1/4		1/4		1/4	
1/2	155	1/2	1,392	1/2	2,629	1/2	3,866	1/2	5,103	1/2	6,340	1/2		1/2		1/2		1/2	
3/4	180	3/4	1,417	3/4	2,655	3/4	3,892	3/4	5,129	3/4	6,366	3/4		3/4		3/4		3/4	
2	206	2	1,443	2	2,680	2	3,917	2	5,155	2	6,392	2		2		2		2	
1/4	232	1/4	1,469	1/4	2,706	1/4	3,943	1/4	5,180	1/4	6,417	1/4		1/4		1/4		1/4	
1/2	258	1/2	1,495	1/2	2,732	1/2	3,969	1/2	5,206	1/2	6,443	1/2		1/2		1/2		1/2	
3/4	283	3/4	1,521	3/4	2,758	3/4	3,995	3/4	5,232	3/4	6,469	3/4		3/4		3/4		3/4	
3	309	3	1,546	3	2,783	3	4,021	3	5,258	3	6,495	3		3		3		3	
1/4	335	1/4	1,572	1/4	2,809	1/4	4,046	1/4	5,283	1/4	6,520	1/4		1/4		1/4		1/4	
1/2	361	1/2	1,598	1/2	2,835	1/2	4,072	1/2	5,309	1/2	6,546	1/2		1/2		1/2		1/2	
3/4	387	3/4	1,624	3/4	2,861	3/4	4,098	3/4	5,335	3/4	6,572	3/4		3/4		3/4		3/4	
4	412	4	1,649	4	2,887	4	4,124	4	5,361	4	6,598	4		4		4		4	
1/4	438	1/4	1,675	1/4	2,912	1/4	4,149	1/4	5,386	1/4		1/4		1/4		1/4		1/4	
1/2	464	1/2	1,701	1/2	2,938	1/2	4,175	1/2	5,412	1/2		1/2		1/2		1/2		1/2	
3/4	490	3/4	1,727	3/4	2,964	3/4	4,201	3/4	5,438	3/4		3/4		3/4		3/4		3/4	
5	515	5	1,753	5	2,990	5	4,227	5	5,464	5		5		5		5		5	
1/4	541	1/4	1,778	1/4	3,015	1/4	4,252	1/4	5,490	1/4		1/4		1/4		1/4		1/4	
1/2	567	1/2	1,804	1/2	3,041	1/2	4,278	1/2	5,515	1/2		1/2		1/2		1/2		1/2	
3/4	593	3/4	1,830	3/4	3,067	3/4	4,304	3/4	5,541	3/4		3/4		3/4		3/4		3/4	
6	619	6	1,856	6	3,093	6	4,330	6	5,567	6		6		6		6		6	
1/4	644	1/4	1,881	1/4	3,118	1/4	4,356	1/4	5,593	1/4		1/4		1/4		1/4		1/4	
1/2	670	1/2	1,907	1/2	3,144	1/2	4,381	1/2	5,618	1/2		1/2		1/2		1/2		1/2	
3/4	696	3/4	1,933	3/4	3,170	3/4	4,407	3/4	5,644	3/4		3/4		3/4		3/4		3/4	
7	722	7	1,959	7	3,196	7	4,433	7	5,670	7		7		7		7		7	
1/4	747	1/4	1,984	1/4	3,222	1/4	4,459	1/4	5,696	1/4		1/4		1/4		1/4		1/4	
1/2	773	1/2	2,010	1/2	3,247	1/2	4,484	1/2	5,722	1/2		1/2		1/2		1/2		1/2	
3/4	799	3/4	2,036	3/4	3,273	3/4	4,510	3/4	5,747	3/4		3/4		3/4		3/4		3/4	
8	825	8	2,062	8	3,299	8	4,536	8	5,773	8		8		8		8		8	
1/4	850	1/4	2,088	1/4	3,325	1/4	4,562	1/4	5,799	1/4		1/4		1/4		1/4		1/4	
1/2	876	1/2	2,113	1/2	3,350	1/2	4,588	1/2	5,825	1/2		1/2		1/2		1/2		1/2	
3/4	902	3/4	2,139	3/4	3,376	3/4	4,613	3/4	5,850	3/4		3/4		3/4		3/4		3/4	
9	928	9	2,165	9	3,402	9	4,639	9	5,876	9		9		9		9		9	
1/4	954	1/4	2,191	1/4	3,428	1/4	4,665	1/4	5,902	1/4		1/4		1/4		1/4		1/4	
1/2	979	1/2	2,216	1/2	3,454	1/2	4,691	1/2	5,928	1/2		1/2		1/2		1/2		1/2	
3/4	1,005	3/4	2,242	3/4	3,479	3/4	4,716	3/4	5,953	3/4		3/4		3/4		3/4		3/4	
10	1,031	10	2,268	10	3,505	10	4,742	10	5,979	10		10		10		10		10	
1/4	1,057	1/4	2,294	1/4	3,531	1/4	4,768	1/4	6,005	1/4		1/4		1/4		1/4		1/4	
1/2	1,082	1/2	2,320	1/2	3,557	1/2	4,794	1/2	6,031	1/2		1/2		1/2		1/2		1/2	
3/4	1,108	3/4	2,345	3/4	3,582	3/4	4,819	3/4	6,057	3/4		3/4		3/4		3/4		3/4	
11	1,134	11	2,371	11	3,608	11	4,845	11	6,082	11		11		11		11		11	
1/4	1,160	1/4	2,397	1/4	3,634	1/4	4,871	1/4	6,108	1/4		1/4		1/4		1/4		1/4	
1/2	1,186	1/2	2,423	1/2	3,660	1/2	4,897	1/2	6,134	1/2		1/2		1/2		1/2		1/2	
3/4	1,211	3/4	2,448	3/4	3,685	3/4	4,923	3/4	6,160	3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.

STRAPPED: 09/30/2013 SW
RECALCULATED: 12/01/2023 JS
NAME CHANGE: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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