



BARGE "KIRBY 29168"

ULLAGE (HERMETIC)

FORMERLY "SMI 30054"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

January 16, 2024

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29168"

1 PORT ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

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	4,709.35	0	4,352.65	0	3,994.68	0	3,636.61	0	3,278.55	0	2,920.48
1/4		1/4		1/4		1/4		1/4	4,701.95	1/4	4,345.21	1/4	3,987.22	1/4	3,629.15	1/4	3,271.09	1/4	2,913.02
1/2		1/2		1/2		1/2		1/2	4,694.55	1/2	4,337.77	1/2	3,979.76	1/2	3,621.69	1/2	3,263.63	1/2	2,905.56
3/4		3/4		3/4		3/4		3/4	4,687.16	3/4	4,330.33	3/4	3,972.30	3/4	3,614.23	3/4	3,256.17	3/4	2,898.09
1		1		1		1	5,014.99	1	4,679.76	1	4,322.88	1	3,964.84	1	3,606.77	1	3,248.71	1	2,890.63
1/4		1/4		1/4		1/4	5,010.52	1/4	4,672.36	1/4	4,315.43	1/4	3,957.38	1/4	3,599.31	1/4	3,241.25	1/4	2,883.17
1/2		1/2		1/2		1/2	5,006.05	1/2	4,664.96	1/2	4,307.98	1/2	3,949.92	1/2	3,591.85	1/2	3,233.79	1/2	2,875.70
3/4		3/4		3/4		3/4	5,001.58	3/4	4,657.56	3/4	4,300.52	3/4	3,942.46	3/4	3,584.39	3/4	3,226.33	3/4	2,868.24
2		2		2		2	4,996.04	2	4,650.14	2	4,293.06	2	3,935.00	2	3,576.93	2	3,218.87	2	2,860.78
1/4		1/4		1/4		1/4	4,990.51	1/4	4,642.71	1/4	4,285.61	1/4	3,927.54	1/4	3,569.47	1/4	3,211.41	1/4	2,853.31
1/2		1/2		1/2		1/2	4,984.97	1/2	4,635.28	1/2	4,278.15	1/2	3,920.08	1/2	3,562.01	1/2	3,203.95	1/2	2,845.85
3/4		3/4		3/4		3/4	4,979.43	3/4	4,627.85	3/4	4,270.69	3/4	3,912.62	3/4	3,554.55	3/4	3,196.49	3/4	2,838.38
3		3		3		3	4,972.83	3	4,620.41	3	4,263.23	3	3,905.16	3	3,547.09	3	3,189.03	3	2,830.92
1/4		1/4		1/4		1/4	4,966.23	1/4	4,612.98	1/4	4,255.77	1/4	3,897.70	1/4	3,539.64	1/4	3,181.57	1/4	2,823.46
1/2		1/2		1/2		1/2	4,959.63	1/2	4,605.54	1/2	4,248.31	1/2	3,890.24	1/2	3,532.18	1/2	3,174.11	1/2	2,815.99
3/4		3/4		3/4		3/4	4,953.03	3/4	4,598.10	3/4	4,240.85	3/4	3,882.78	3/4	3,524.72	3/4	3,166.65	3/4	2,808.53
4		4		4		4	4,945.76	4	4,590.66	4	4,233.39	4	3,875.32	4	3,517.26	4	3,159.19	4	2,801.07
1/4		1/4		1/4		1/4	4,938.49	1/4	4,583.22	1/4	4,225.93	1/4	3,867.86	1/4	3,509.80	1/4	3,151.73	1/4	2,793.60
1/2		1/2		1/2		1/2	4,931.22	1/2	4,575.79	1/2	4,218.47	1/2	3,860.40	1/2	3,502.34	1/2	3,144.27	1/2	2,786.14
3/4		3/4		3/4		3/4	4,923.95	3/4	4,568.35	3/4	4,211.01	3/4	3,852.94	3/4	3,494.88	3/4	3,136.81	3/4	2,778.68
5		5		5		5	4,916.55	5	4,560.91	5	4,203.55	5	3,845.48	5	3,487.42	5	3,129.35	5	2,771.21
1/4		1/4		1/4		1/4	4,909.15	1/4	4,553.47	1/4	4,196.09	1/4	3,838.02	1/4	3,479.96	1/4	3,121.89	1/4	2,763.75
1/2		1/2		1/2		1/2	4,901.75	1/2	4,546.03	1/2	4,188.63	1/2	3,830.56	1/2	3,472.50	1/2	3,114.43	1/2	2,756.28
3/4		3/4		3/4		3/4	4,894.34	3/4	4,538.60	3/4	4,181.17	3/4	3,823.10	3/4	3,465.04	3/4	3,106.97	3/4	2,748.82
6		6		6		6	4,886.94	6	4,531.16	6	4,173.71	6	3,815.64	6	3,457.58	6	3,099.51	6	2,741.36
1/4		1/4		1/4		1/4	4,879.54	1/4	4,523.72	1/4	4,166.25	1/4	3,808.18	1/4	3,450.12	1/4	3,092.05	1/4	2,733.89
1/2		1/2		1/2		1/2	4,872.14	1/2	4,516.28	1/2	4,158.79	1/2	3,800.72	1/2	3,442.66	1/2	3,084.59	1/2	2,726.43
3/4		3/4		3/4		3/4	4,864.73	3/4	4,508.84	3/4	4,151.33	3/4	3,793.26	3/4	3,435.20	3/4	3,077.13	3/4	2,718.97
7		7		7		7	4,857.33	7	4,501.41	7	4,143.87	7	3,785.81	7	3,427.74	7	3,069.67	7	2,711.50
1/4		1/4		1/4		1/4	4,849.93	1/4	4,493.97	1/4	4,136.41	1/4	3,778.35	1/4	3,420.28	1/4	3,062.21	1/4	2,704.04
1/2		1/2		1/2		1/2	4,842.53	1/2	4,486.53	1/2	4,128.95	1/2	3,770.89	1/2	3,412.82	1/2	3,054.75	1/2	2,696.57
3/4		3/4		3/4		3/4	4,835.13	3/4	4,479.09	3/4	4,121.49	3/4	3,763.43	3/4	3,405.36	3/4	3,047.29	3/4	2,689.11
8		8		8		8	4,827.73	8	4,471.65	8	4,114.03	8	3,755.97	8	3,397.90	8	3,039.84	8	2,681.65
1/4		1/4		1/4		1/4	4,820.33	1/4	4,464.22	1/4	4,106.57	1/4	3,748.51	1/4	3,390.44	1/4	3,032.38	1/4	2,674.18
1/2		1/2		1/2		1/2	4,812.93	1/2	4,456.78	1/2	4,099.11	1/2	3,741.05	1/2	3,382.98	1/2	3,024.92	1/2	2,666.72
3/4		3/4		3/4		3/4	4,805.53	3/4	4,449.34	3/4	4,091.65	3/4	3,733.59	3/4	3,375.52	3/4	3,017.46	3/4	2,659.26
9		9		9		9	4,798.13	9	4,441.90	9	4,084.19	9	3,726.13	9	3,368.06	9	3,010.00	9	2,651.79
1/4		1/4		1/4		1/4	4,790.73	1/4	4,434.46	1/4	4,076.73	1/4	3,718.67	1/4	3,360.60	1/4	3,002.54	1/4	2,644.33
1/2		1/2		1/2		1/2	4,783.33	1/2	4,427.03	1/2	4,069.27	1/2	3,711.21	1/2	3,353.14	1/2	2,995.08	1/2	2,636.86
3/4		3/4		3/4		3/4	4,775.93	3/4	4,419.59	3/4	4,061.81	3/4	3,703.75	3/4	3,345.68	3/4	2,987.62	3/4	2,629.40
10		10		10		10	4,768.54	10	4,412.15	10	4,054.35	10	3,696.29	10	3,338.22	10	2,980.16	10	2,621.94
1/4		1/4		1/4		1/4	4,761.14	1/4	4,404.71	1/4	4,046.89	1/4	3,688.83	1/4	3,330.76	1/4	2,972.70	1/4	2,614.47
1/2		1/2		1/2		1/2	4,753.74	1/2	4,397.27	1/2	4,039.43	1/2	3,681.37	1/2	3,323.30	1/2	2,965.24	1/2	2,607.01
3/4		3/4		3/4		3/4	4,746.34	3/4	4,389.84	3/4	4,031.98	3/4	3,673.91	3/4	3,315.84	3/4	2,957.78	3/4	2,599.55
11		11		11		11	4,738.94	11	4,382.40	11	4,024.52	11	3,666.45	11	3,308.38	11	2,950.32	11	2,592.08
1/4		1/4		1/4		1/4	4,731.55	1/4	4,374.96	1/4	4,017.06	1/4	3,658.99	1/4	3,300.92	1/4	2,942.86	1/4	2,584.62
1/2		1/2		1/2		1/2	4,724.15	1/2	4,367.52	1/2	4,009.60	1/2	3,651.53	1/2	3,293.46	1/2	2,935.40	1/2	2,577.16
3/4		3/4		3/4		3/4	4,716.75	3/4	4,360.08	3/4	4,002.14	3/4	3,644.07	3/4	3,286.01	3/4	2,927.94	3/4	2,569.69

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" 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 29168"

1 PORT ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,562.23	0	2,203.97	0	1,845.71	0	1,487.46	0	1,129.22	0	773.12	0	416.56	0	96.33	0		0	
1/4	2,554.76	1/4	2,196.51	1/4	1,838.25	1/4	1,479.99	1/4	1,121.78	1/4	765.66	1/4	409.38	1/4	90.20	1/4		1/4	
1/2	2,547.30	1/2	2,189.04	1/2	1,830.79	1/2	1,472.53	1/2	1,114.34	1/2	758.21	1/2	402.20	1/2	84.08	1/2		1/2	
3/4	2,539.84	3/4	2,181.58	3/4	1,823.32	3/4	1,465.06	3/4	1,106.90	3/4	750.76	3/4	395.03	3/4	77.96	3/4		3/4	
1	2,532.37	1	2,174.12	1	1,815.86	1	1,457.60	1	1,099.46	1	743.30	1	387.94	1	71.93	1		1	
1/4	2,524.91	1/4	2,166.65	1/4	1,808.39	1/4	1,450.14	1/4	1,092.03	1/4	735.84	1/4	380.85	1/4	65.89	1/4		1/4	
1/2	2,517.45	1/2	2,159.19	1/2	1,800.93	1/2	1,442.67	1/2	1,084.59	1/2	728.37	1/2	373.76	1/2	59.86	1/2		1/2	
3/4	2,509.98	3/4	2,151.72	3/4	1,793.47	3/4	1,435.21	3/4	1,077.16	3/4	720.91	3/4	366.67	3/4	53.83	3/4		3/4	
2	2,502.52	2	2,144.26	2	1,786.00	2	1,427.75	2	1,069.74	2	713.45	2	359.67	2	48.58	2		2	
1/4	2,495.05	1/4	2,136.80	1/4	1,778.54	1/4	1,420.28	1/4	1,062.31	1/4	705.98	1/4	352.67	1/4	43.34	1/4		1/4	
1/2	2,487.59	1/2	2,129.33	1/2	1,771.08	1/2	1,412.82	1/2	1,054.89	1/2	698.52	1/2	345.66	1/2	38.09	1/2		1/2	
3/4	2,480.13	3/4	2,121.87	3/4	1,763.61	3/4	1,405.35	3/4	1,047.46	3/4	691.06	3/4	338.66	3/4	32.84	3/4		3/4	
3	2,472.66	3	2,114.41	3	1,756.15	3	1,397.89	3	1,040.04	3	683.59	3	331.75	3	29.32	3		3	
1/4	2,465.20	1/4	2,106.94	1/4	1,748.68	1/4	1,390.43	1/4	1,032.62	1/4	676.13	1/4	324.84	1/4	25.79	1/4		1/4	
1/2	2,457.74	1/2	2,099.48	1/2	1,741.22	1/2	1,382.96	1/2	1,025.20	1/2	668.67	1/2	317.92	1/2	22.27	1/2		1/2	
3/4	2,450.27	3/4	2,092.01	3/4	1,733.76	3/4	1,375.50	3/4	1,017.78	3/4	661.20	3/4	311.01	3/4	18.74	3/4		3/4	
4	2,442.81	4	2,084.55	4	1,726.29	4	1,368.04	4	1,010.37	4	653.74	4	304.18	4		4		4	
1/4	2,435.35	1/4	2,077.09	1/4	1,718.83	1/4	1,360.57	1/4	1,002.95	1/4	646.28	1/4	297.36	1/4		1/4		1/4	
1/2	2,427.88	1/2	2,069.62	1/2	1,711.37	1/2	1,353.11	1/2	995.54	1/2	638.81	1/2	290.53	1/2		1/2		1/2	
3/4	2,420.42	3/4	2,062.16	3/4	1,703.90	3/4	1,345.64	3/4	988.13	3/4	631.35	3/4	283.71	3/4		3/4		3/4	
5	2,412.95	5	2,054.70	5	1,696.44	5	1,338.18	5	980.71	5	623.89	5	276.97	5		5		5	
1/4	2,405.49	1/4	2,047.23	1/4	1,688.98	1/4	1,330.72	1/4	973.30	1/4	616.42	1/4	270.23	1/4		1/4		1/4	
1/2	2,398.03	1/2	2,039.77	1/2	1,681.51	1/2	1,323.25	1/2	965.89	1/2	608.96	1/2	263.49	1/2		1/2		1/2	
3/4	2,390.56	3/4	2,032.31	3/4	1,674.05	3/4	1,315.79	3/4	958.47	3/4	601.49	3/4	256.76	3/4		3/4		3/4	
6	2,383.10	6	2,024.84	6	1,666.58	6	1,308.33	6	951.06	6	594.03	6	250.11	6		6		6	
1/4	2,375.64	1/4	2,017.38	1/4	1,659.12	1/4	1,300.86	1/4	943.65	1/4	586.57	1/4	243.46	1/4		1/4		1/4	
1/2	2,368.17	1/2	2,009.91	1/2	1,651.66	1/2	1,293.40	1/2	936.24	1/2	579.10	1/2	236.81	1/2		1/2		1/2	
3/4	2,360.71	3/4	2,002.45	3/4	1,644.19	3/4	1,285.94	3/4	928.82	3/4	571.64	3/4	230.16	3/4		3/4		3/4	
7	2,353.24	7	1,994.99	7	1,636.73	7	1,278.47	7	921.41	7	564.18	7	223.60	7		7		7	
1/4	2,345.78	1/4	1,987.52	1/4	1,629.27	1/4	1,271.01	1/4	914.00	1/4	556.71	1/4	217.04	1/4		1/4		1/4	
1/2	2,338.32	1/2	1,980.06	1/2	1,621.80	1/2	1,263.54	1/2	906.58	1/2	549.25	1/2	210.47	1/2		1/2		1/2	
3/4	2,330.85	3/4	1,972.60	3/4	1,614.34	3/4	1,256.08	3/4	899.17	3/4	541.79	3/4	203.91	3/4		3/4		3/4	
8	2,323.39	8	1,965.13	8	1,606.87	8	1,248.62	8	891.76	8	534.32	8	197.44	8		8		8	
1/4	2,315.93	1/4	1,957.67	1/4	1,599.41	1/4	1,241.15	1/4	884.35	1/4	526.86	1/4	190.97	1/4		1/4		1/4	
1/2	2,308.46	1/2	1,950.20	1/2	1,591.95	1/2	1,233.69	1/2	876.93	1/2	519.40	1/2	184.49	1/2		1/2		1/2	
3/4	2,301.00	3/4	1,942.74	3/4	1,584.48	3/4	1,226.23	3/4	869.52	3/4	511.93	3/4	178.02	3/4		3/4		3/4	
9	2,293.53	9	1,935.28	9	1,577.02	9	1,218.76	9	862.11	9	504.50	9	171.63	9		9		9	
1/4	2,286.07	1/4	1,927.81	1/4	1,569.56	1/4	1,211.30	1/4	854.69	1/4	497.07	1/4	165.25	1/4		1/4		1/4	
1/2	2,278.61	1/2	1,920.35	1/2	1,562.09	1/2	1,203.83	1/2	847.28	1/2	489.64	1/2	158.86	1/2		1/2		1/2	
3/4	2,271.14	3/4	1,912.89	3/4	1,554.63	3/4	1,196.37	3/4	839.87	3/4	482.21	3/4	152.48	3/4		3/4		3/4	
10	2,263.68	10	1,905.42	10	1,547.16	10	1,188.91	10	832.46	10	474.86	10	146.18	10		10		10	
1/4	2,256.22	1/4	1,897.96	1/4	1,539.70	1/4	1,181.44	1/4	825.04	1/4	467.51	1/4	139.88	1/4		1/4		1/4	
1/2	2,248.75	1/2	1,890.49	1/2	1,532.24	1/2	1,173.98	1/2	817.63	1/2	460.15	1/2	133.58	1/2		1/2		1/2	
3/4	2,241.29	3/4	1,883.03	3/4	1,524.77	3/4	1,166.52	3/4	810.22	3/4	452.80	3/4	127.29	3/4		3/4		3/4	
11	2,233.83	11	1,875.57	11	1,517.31	11	1,159.05	11	802.81	11	445.53	11	121.08	11		11		11	
1/4	2,226.36	1/4	1,868.10	1/4	1,509.85	1/4	1,151.59	1/4	795.39	1/4	438.27	1/4	114.87	1/4		1/4		1/4	
1/2	2,218.90	1/2	1,860.64	1/2	1,502.38	1/2	1,144.12	1/2	787.98	1/2	431.00	1/2	108.66	1/2		1/2		1/2	
3/4	2,211.43	3/4	1,853.18	3/4	1,494.92	3/4	1,136.66	3/4	780.57	3/4	423.74	3/4	102.45	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 CL
RECALCULATED: 01/16/2024 JS
NAME CHANGE: 01/16/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 29168"

1 STBD ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

GAUGE HEIGHT 17'-04 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		0	4,725.73	0	4,369.11	0	4,011.20	0	3,653.14	0	3,295.07	0	2,937.01
1/4		1/4		1/4		1/4		1/4	4,718.33	1/4	4,361.68	1/4	4,003.74	1/4	3,645.68	1/4	3,287.62	1/4	2,929.55
1/2		1/2		1/2		1/2		1/2	4,710.94	1/2	4,354.24	1/2	3,996.28	1/2	3,638.22	1/2	3,280.16	1/2	2,922.09
3/4		3/4		3/4		3/4		3/4	4,703.54	3/4	4,346.80	3/4	3,988.82	3/4	3,630.76	3/4	3,272.70	3/4	2,914.64
1		1		1		1		1	4,696.14	1	4,339.36	1	3,981.36	1	3,623.30	1	3,265.24	1	2,907.18
1/4		1/4		1/4		1/4		1/4	4,688.74	1/4	4,331.92	1/4	3,973.90	1/4	3,615.84	1/4	3,257.78	1/4	2,899.72
1/2		1/2		1/2		1/2		1/2	5,016.57	1/2	4,681.34	1/2	4,324.47	1/2	3,966.44	1/2	3,608.38	1/2	3,250.32
3/4		3/4		3/4		3/4		3/4	5,012.10	3/4	4,673.95	3/4	4,317.02	3/4	3,958.98	3/4	3,600.92	3/4	3,242.86
2		2		2		2		2	5,007.63	2	4,666.55	2	4,309.57	2	3,951.52	2	3,593.46	2	3,235.40
1/4		1/4		1/4		1/4		1/4	5,003.16	1/4	4,659.15	1/4	4,302.12	1/4	3,944.06	1/4	3,586.00	1/4	3,227.94
1/2		1/2		1/2		1/2		1/2	4,997.62	1/2	4,651.72	1/2	4,294.66	1/2	3,936.60	1/2	3,578.54	1/2	3,220.48
3/4		3/4		3/4		3/4		3/4	4,992.09	3/4	4,644.30	3/4	4,287.20	3/4	3,929.14	3/4	3,571.08	3/4	3,213.02
3		3		3		3		3	4,986.55	3	4,636.87	3	4,279.74	3	3,921.68	3	3,563.62	3	3,205.56
1/4		1/4		1/4		1/4		1/4	4,981.02	1/4	4,629.44	1/4	4,272.28	1/4	3,914.22	1/4	3,556.16	1/4	3,198.10
1/2		1/2		1/2		1/2		1/2	4,974.41	1/2	4,622.00	1/2	4,264.82	1/2	3,906.76	1/2	3,548.70	1/2	3,190.64
3/4		3/4		3/4		3/4		3/4	4,967.81	3/4	4,614.56	3/4	4,257.36	3/4	3,899.30	3/4	3,541.24	3/4	3,183.18
4		4		4		4		4	4,961.21	4	4,607.13	4	4,249.90	4	3,891.84	4	3,533.78	4	3,175.72
1/4		1/4		1/4		1/4		1/4	4,954.61	1/4	4,599.69	1/4	4,242.44	1/4	3,884.38	1/4	3,526.32	1/4	3,168.26
1/2		1/2		1/2		1/2		1/2	4,947.34	1/2	4,592.25	1/2	4,234.98	1/2	3,876.92	1/2	3,518.86	1/2	3,160.80
3/4		3/4		3/4		3/4		3/4	4,940.07	3/4	4,584.81	3/4	4,227.52	3/4	3,869.46	3/4	3,511.40	3/4	3,153.34
5		5		5		5		5	4,932.80	5	4,577.38	5	4,220.07	5	3,862.00	5	3,503.94	5	3,145.88
1/4		1/4		1/4		1/4		1/4	4,925.53	1/4	4,569.94	1/4	4,212.61	1/4	3,854.54	1/4	3,496.48	1/4	3,138.42
1/2		1/2		1/2		1/2		1/2	4,918.13	1/2	4,562.50	1/2	4,205.15	1/2	3,847.09	1/2	3,489.02	1/2	3,130.96
3/4		3/4		3/4		3/4		3/4	4,910.73	3/4	4,555.06	3/4	4,197.69	3/4	3,839.63	3/4	3,481.56	3/4	3,123.50
6		6		6		6		6	4,903.33	6	4,547.62	6	4,190.23	6	3,832.17	6	3,474.11	6	3,116.04
1/4		1/4		1/4		1/4		1/4	4,895.93	1/4	4,540.19	1/4	4,182.77	1/4	3,824.71	1/4	3,466.65	1/4	3,108.58
1/2		1/2		1/2		1/2		1/2	4,888.52	1/2	4,532.75	1/2	4,175.31	1/2	3,817.25	1/2	3,459.19	1/2	3,101.13
3/4		3/4		3/4		3/4		3/4	4,881.12	3/4	4,525.31	3/4	4,167.85	3/4	3,809.79	3/4	3,451.73	3/4	3,093.67
7		7		7		7		7	4,873.72	7	4,517.87	7	4,160.39	7	3,802.33	7	3,444.27	7	3,086.21
1/4		1/4		1/4		1/4		1/4	4,866.32	1/4	4,510.43	1/4	4,152.93	1/4	3,794.87	1/4	3,436.81	1/4	3,078.75
1/2		1/2		1/2		1/2		1/2	4,858.91	1/2	4,503.00	1/2	4,145.47	1/2	3,787.41	1/2	3,429.35	1/2	3,071.29
3/4		3/4		3/4		3/4		3/4	4,851.51	3/4	4,495.56	3/4	4,138.01	3/4	3,779.95	3/4	3,421.89	3/4	3,063.83
8		8		8		8		8	4,844.11	8	4,488.12	8	4,130.55	8	3,772.49	8	3,414.43	8	3,056.37
1/4		1/4		1/4		1/4		1/4	4,836.71	1/4	4,480.68	1/4	4,123.09	1/4	3,765.03	1/4	3,406.97	1/4	3,048.91
1/2		1/2		1/2		1/2		1/2	4,829.31	1/2	4,473.24	1/2	4,115.63	1/2	3,757.57	1/2	3,399.51	1/2	3,041.45
3/4		3/4		3/4		3/4		3/4	4,821.91	3/4	4,465.81	3/4	4,108.17	3/4	3,750.11	3/4	3,392.05	3/4	3,033.99
9		9		9		9		9	4,814.51	9	4,458.37	9	4,100.71	9	3,742.65	9	3,384.59	9	3,026.53
1/4		1/4		1/4		1/4		1/4	4,807.11	1/4	4,450.93	1/4	4,093.25	1/4	3,735.19	1/4	3,377.13	1/4	3,019.07
1/2		1/2		1/2		1/2		1/2	4,799.71	1/2	4,443.49	1/2	4,085.79	1/2	3,727.73	1/2	3,369.67	1/2	3,011.61
3/4		3/4		3/4		3/4		3/4	4,792.32	3/4	4,436.06	3/4	4,078.33	3/4	3,720.27	3/4	3,362.21	3/4	3,004.15
10		10		10		10		10	4,784.92	10	4,428.62	10	4,070.87	10	3,712.81	10	3,354.75	10	2,996.69
1/4		1/4		1/4		1/4		1/4	4,777.52	1/4	4,421.18	1/4	4,063.41	1/4	3,705.35	1/4	3,347.29	1/4	2,989.23
1/2		1/2		1/2		1/2		1/2	4,770.12	1/2	4,413.74	1/2	4,055.95	1/2	3,697.89	1/2	3,339.83	1/2	2,981.77
3/4		3/4		3/4		3/4		3/4	4,762.72	3/4	4,406.30	3/4	4,048.49	3/4	3,690.43	3/4	3,332.37	3/4	2,974.31
11		11		11		11		11	4,755.32	11	4,398.87	11	4,041.03	11	3,682.97	11	3,324.91	11	2,966.85
1/4		1/4		1/4		1/4		1/4	4,747.93	1/4	4,391.43	1/4	4,033.58	1/4	3,675.51	1/4	3,317.45	1/4	2,959.39
1/2		1/2		1/2		1/2		1/2	4,740.53	1/2	4,383.99	1/2	4,026.12	1/2	3,668.05	1/2	3,309.99	1/2	2,951.93
3/4		3/4		3/4		3/4		3/4	4,733.13	3/4	4,376.55	3/4	4,018.66	3/4	3,660.60	3/4	3,302.53	3/4	2,944.47

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 29168"

1 STBD ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

GAUGE HEIGHT 17'-04 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	2,578.78	0	2,220.53	0	1,862.28	0	1,504.02	0	1,145.77	0	787.99	0	431.00	0	108.66	0		0	
1/4	2,571.32	1/4	2,213.07	1/4	1,854.81	1/4	1,496.56	1/4	1,138.31	1/4	780.54	1/4	423.73	1/4	102.45	1/4		1/4	
1/2	2,563.85	1/2	2,205.60	1/2	1,847.35	1/2	1,489.10	1/2	1,130.84	1/2	773.08	1/2	416.56	1/2	96.32	1/2		1/2	
3/4	2,556.39	3/4	2,198.14	3/4	1,839.89	3/4	1,481.63	3/4	1,123.38	3/4	765.62	3/4	409.38	3/4	90.20	3/4		3/4	
1	2,548.93	1	2,190.67	1	1,832.42	1	1,474.17	1	1,115.92	1	758.16	1	402.20	1	84.08	1		1	
1/4	2,541.46	1/4	2,183.21	1/4	1,824.96	1/4	1,466.71	1/4	1,108.45	1/4	750.70	1/4	395.02	1/4	77.96	1/4		1/4	
1/2	2,534.00	1/2	2,175.75	1/2	1,817.49	1/2	1,459.24	1/2	1,100.99	1/2	743.23	1/2	387.94	1/2	71.93	1/2		1/2	
3/4	2,526.54	3/4	2,168.28	3/4	1,810.03	3/4	1,451.78	3/4	1,093.53	3/4	735.77	3/4	380.85	3/4	65.89	3/4		3/4	
2	2,519.07	2	2,160.82	2	1,802.57	2	1,444.31	2	1,086.06	2	728.31	2	373.76	2	59.86	2		2	
1/4	2,511.61	1/4	2,153.36	1/4	1,795.10	1/4	1,436.85	1/4	1,078.60	1/4	720.84	1/4	366.67	1/4	53.83	1/4		1/4	
1/2	2,504.15	1/2	2,145.89	1/2	1,787.64	1/2	1,429.39	1/2	1,071.14	1/2	713.38	1/2	359.67	1/2	48.58	1/2		1/2	
3/4	2,496.68	3/4	2,138.43	3/4	1,780.18	3/4	1,421.92	3/4	1,063.68	3/4	705.92	3/4	352.66	3/4	43.33	3/4		3/4	
3	2,489.22	3	2,130.97	3	1,772.71	3	1,414.46	3	1,056.22	3	698.45	3	345.66	3	38.09	3		3	
1/4	2,481.75	1/4	2,123.50	1/4	1,765.25	1/4	1,407.00	1/4	1,048.76	1/4	690.99	1/4	338.66	1/4	32.84	1/4		1/4	
1/2	2,474.29	1/2	2,116.04	1/2	1,757.79	1/2	1,399.53	1/2	1,041.31	1/2	683.53	1/2	331.75	1/2	29.32	1/2		1/2	
3/4	2,466.83	3/4	2,108.57	3/4	1,750.32	3/4	1,392.07	3/4	1,033.85	3/4	676.06	3/4	324.83	3/4	25.79	3/4		3/4	
4	2,459.36	4	2,101.11	4	1,742.86	4	1,384.61	4	1,026.39	4	668.60	4	317.92	4	22.27	4		4	
1/4	2,451.90	1/4	2,093.65	1/4	1,735.39	1/4	1,377.14	1/4	1,018.94	1/4	661.14	1/4	311.01	1/4	18.74	1/4		1/4	
1/2	2,444.44	1/2	2,086.18	1/2	1,727.93	1/2	1,369.68	1/2	1,011.48	1/2	653.67	1/2	304.18	1/2		1/2		1/2	
3/4	2,436.97	3/4	2,078.72	3/4	1,720.47	3/4	1,362.21	3/4	1,004.03	3/4	646.21	3/4	297.36	3/4		3/4		3/4	
5	2,429.51	5	2,071.26	5	1,713.00	5	1,354.75	5	996.58	5	638.75	5	290.53	5		5		5	
1/4	2,422.05	1/4	2,063.79	1/4	1,705.54	1/4	1,347.29	1/4	989.13	1/4	631.28	1/4	283.70	1/4		1/4		1/4	
1/2	2,414.58	1/2	2,056.33	1/2	1,698.08	1/2	1,339.82	1/2	981.68	1/2	623.82	1/2	276.97	1/2		1/2		1/2	
3/4	2,407.12	3/4	2,048.87	3/4	1,690.61	3/4	1,332.36	3/4	974.23	3/4	616.36	3/4	270.23	3/4		3/4		3/4	
6	2,399.66	6	2,041.40	6	1,683.15	6	1,324.90	6	966.78	6	608.89	6	263.49	6		6		6	
1/4	2,392.19	1/4	2,033.94	1/4	1,675.69	1/4	1,317.43	1/4	959.33	1/4	601.43	1/4	256.75	1/4		1/4		1/4	
1/2	2,384.73	1/2	2,026.48	1/2	1,668.22	1/2	1,309.97	1/2	951.88	1/2	593.97	1/2	250.11	1/2		1/2		1/2	
3/4	2,377.26	3/4	2,019.01	3/4	1,660.76	3/4	1,302.51	3/4	944.43	3/4	586.50	3/4	243.46	3/4		3/4		3/4	
7	2,369.80	7	2,011.55	7	1,653.30	7	1,295.04	7	936.98	7	579.04	7	236.81	7		7		7	
1/4	2,362.34	1/4	2,004.08	1/4	1,645.83	1/4	1,287.58	1/4	929.53	1/4	571.58	1/4	230.16	1/4		1/4		1/4	
1/2	2,354.87	1/2	1,996.62	1/2	1,638.37	1/2	1,280.12	1/2	922.08	1/2	564.12	1/2	223.60	1/2		1/2		1/2	
3/4	2,347.41	3/4	1,989.16	3/4	1,630.90	3/4	1,272.65	3/4	914.63	3/4	556.66	3/4	217.03	3/4		3/4		3/4	
8	2,339.95	8	1,981.69	8	1,623.44	8	1,265.19	8	907.18	8	549.20	8	210.47	8		8		8	
1/4	2,332.48	1/4	1,974.23	1/4	1,615.98	1/4	1,257.72	1/4	899.73	1/4	541.75	1/4	203.91	1/4		1/4		1/4	
1/2	2,325.02	1/2	1,966.77	1/2	1,608.51	1/2	1,250.26	1/2	892.28	1/2	534.29	1/2	197.44	1/2		1/2		1/2	
3/4	2,317.56	3/4	1,959.30	3/4	1,601.05	3/4	1,242.80	3/4	884.83	3/4	526.84	3/4	190.96	3/4		3/4		3/4	
9	2,310.09	9	1,951.84	9	1,593.59	9	1,235.33	9	877.38	9	519.38	9	184.49	9		9		9	
1/4	2,302.63	1/4	1,944.38	1/4	1,586.12	1/4	1,227.87	1/4	869.93	1/4	511.92	1/4	178.02	1/4		1/4		1/4	
1/2	2,295.16	1/2	1,936.91	1/2	1,578.66	1/2	1,220.41	1/2	862.48	1/2	504.50	1/2	171.63	1/2		1/2		1/2	
3/4	2,287.70	3/4	1,929.45	3/4	1,571.20	3/4	1,212.94	3/4	855.03	3/4	497.07	3/4	165.25	3/4		3/4		3/4	
10	2,280.24	10	1,921.98	10	1,563.73	10	1,205.48	10	847.58	10	489.64	10	158.86	10		10		10	
1/4	2,272.77	1/4	1,914.52	1/4	1,556.27	1/4	1,198.02	1/4	840.14	1/4	482.21	1/4	152.47	1/4		1/4		1/4	
1/2	2,265.31	1/2	1,907.06	1/2	1,548.80	1/2	1,190.55	1/2	832.69	1/2	474.86	1/2	146.18	1/2		1/2		1/2	
3/4	2,257.85	3/4	1,899.59	3/4	1,541.34	3/4	1,183.09	3/4	825.24	3/4	467.50	3/4	139.88	3/4		3/4		3/4	
11	2,250.38	11	1,892.13	11	1,533.88	11	1,175.62	11	817.79	11	460.15	11	133.58	11		11		11	
1/4	2,242.92	1/4	1,884.67	1/4	1,526.41	1/4	1,168.16	1/4	810.34	1/4	452.80	1/4	127.28	1/4		1/4		1/4	
1/2	2,235.46	1/2	1,877.20	1/2	1,518.95	1/2	1,160.70	1/2	802.89	1/2	445.53	1/2	121.07	1/2		1/2		1/2	
3/4	2,227.99	3/4	1,869.74	3/4	1,511.49	3/4	1,153.23	3/4	795.44	3/4	438.27	3/4	114.87	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 CL
RECALCULATED: 01/16/2024 JS
NAME CHANGE: 01/16/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 29168"

2 PORT ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

GAUGE HEIGHT 17'-03 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		0	4,764.90	0	4,407.29	0	4,048.42	0	3,689.49	0	3,330.56	0	2,971.61		
1/4		1/4		1/4		1/4		1/4	4,757.48	1/4	4,399.83	1/4	4,040.95	1/4	3,682.01	1/4	3,323.08	1/4	2,964.13		
1/2		1/2		1/2		1/2		1/2	4,750.07	1/2	4,392.38	1/2	4,033.47	1/2	3,674.53	1/2	3,315.60	1/2	2,956.65		
3/4		3/4		3/4		3/4		3/4	5,078.70	3/4	4,742.65	3/4	4,384.91	3/4	4,025.99	3/4	3,667.06	3/4	3,308.12	3/4	2,949.17
1		1		1		1		1	5,074.22	1	4,735.24	1	4,377.43	1	4,018.51	1	3,659.58	1	3,300.64	1	2,941.69
1/4		1/4		1/4		1/4		1/4	5,069.74	1/4	4,727.82	1/4	4,369.96	1/4	4,011.03	1/4	3,652.10	1/4	3,293.17	1/4	2,934.21
1/2		1/2		1/2		1/2		1/2	5,065.26	1/2	4,720.40	1/2	4,362.49	1/2	4,003.56	1/2	3,644.62	1/2	3,285.69	1/2	2,926.73
3/4		3/4		3/4		3/4		3/4	5,059.71	3/4	4,712.96	3/4	4,355.01	3/4	3,996.08	3/4	3,637.14	3/4	3,278.21	3/4	2,919.24
2		2		2		2		2	5,054.16	2	4,705.51	2	4,347.54	2	3,988.60	2	3,629.67	2	3,270.73	2	2,911.76
1/4		1/4		1/4		1/4		1/4	5,048.61	1/4	4,698.07	1/4	4,340.06	1/4	3,981.12	1/4	3,622.19	1/4	3,263.25	1/4	2,904.28
1/2		1/2		1/2		1/2		1/2	5,043.06	1/2	4,690.62	1/2	4,332.58	1/2	3,973.65	1/2	3,614.71	1/2	3,255.78	1/2	2,896.80
3/4		3/4		3/4		3/4		3/4	5,036.44	3/4	4,683.16	3/4	4,325.10	3/4	3,966.17	3/4	3,607.23	3/4	3,248.30	3/4	2,889.32
3		3		3		3		3	5,029.82	3	4,675.71	3	4,317.62	3	3,958.69	3	3,599.76	3	3,240.82	3	2,881.83
1/4		1/4		1/4		1/4		1/4	5,023.21	1/4	4,668.25	1/4	4,310.15	1/4	3,951.21	1/4	3,592.28	1/4	3,233.34	1/4	2,874.35
1/2		1/2		1/2		1/2		1/2	5,016.59	1/2	4,660.80	1/2	4,302.67	1/2	3,943.73	1/2	3,584.80	1/2	3,225.87	1/2	2,866.87
3/4		3/4		3/4		3/4		3/4	5,009.30	3/4	4,653.34	3/4	4,295.19	3/4	3,936.26	3/4	3,577.32	3/4	3,218.39	3/4	2,859.39
4		4		4		4		4	5,002.02	4	4,645.88	4	4,287.71	4	3,928.78	4	3,569.84	4	3,210.91	4	2,851.91
1/4		1/4		1/4		1/4		1/4	4,994.73	1/4	4,638.43	1/4	4,280.24	1/4	3,921.30	1/4	3,562.37	1/4	3,203.43	1/4	2,844.43
1/2		1/2		1/2		1/2		1/2	4,987.44	1/2	4,630.97	1/2	4,272.76	1/2	3,913.82	1/2	3,554.89	1/2	3,195.95	1/2	2,836.94
3/4		3/4		3/4		3/4		3/4	4,980.02	3/4	4,623.52	3/4	4,265.28	3/4	3,906.35	3/4	3,547.41	3/4	3,188.48	3/4	2,829.46
5		5		5		5		5	4,972.60	5	4,616.06	5	4,257.80	5	3,898.87	5	3,539.93	5	3,181.00	5	2,821.98
1/4		1/4		1/4		1/4		1/4	4,965.18	1/4	4,608.60	1/4	4,250.32	1/4	3,891.39	1/4	3,532.46	1/4	3,173.52	1/4	2,814.50
1/2		1/2		1/2		1/2		1/2	4,957.76	1/2	4,601.15	1/2	4,242.85	1/2	3,883.91	1/2	3,524.98	1/2	3,166.04	1/2	2,807.02
3/4		3/4		3/4		3/4		3/4	4,950.34	3/4	4,593.69	3/4	4,235.37	3/4	3,876.43	3/4	3,517.50	3/4	3,158.57	3/4	2,799.53
6		6		6		6		6	4,942.92	6	4,586.23	6	4,227.89	6	3,868.96	6	3,510.02	6	3,151.09	6	2,792.05
1/4		1/4		1/4		1/4		1/4	4,935.50	1/4	4,578.78	1/4	4,220.41	1/4	3,861.48	1/4	3,502.54	1/4	3,143.61	1/4	2,784.57
1/2		1/2		1/2		1/2		1/2	4,928.08	1/2	4,571.32	1/2	4,212.94	1/2	3,854.00	1/2	3,495.07	1/2	3,136.13	1/2	2,777.09
3/4		3/4		3/4		3/4		3/4	4,920.66	3/4	4,563.87	3/4	4,205.46	3/4	3,846.52	3/4	3,487.59	3/4	3,128.65	3/4	2,769.61
7		7		7		7		7	4,913.24	7	4,556.41	7	4,197.98	7	3,839.05	7	3,480.11	7	3,121.18	7	2,762.13
1/4		1/4		1/4		1/4		1/4	4,905.82	1/4	4,548.95	1/4	4,190.50	1/4	3,831.57	1/4	3,472.63	1/4	3,113.70	1/4	2,754.64
1/2		1/2		1/2		1/2		1/2	4,898.40	1/2	4,541.50	1/2	4,183.02	1/2	3,824.09	1/2	3,465.16	1/2	3,106.22	1/2	2,747.16
3/4		3/4		3/4		3/4		3/4	4,890.98	3/4	4,534.04	3/4	4,175.55	3/4	3,816.61	3/4	3,457.68	3/4	3,098.74	3/4	2,739.68
8		8		8		8		8	4,883.56	8	4,526.59	8	4,168.07	8	3,809.13	8	3,450.20	8	3,091.27	8	2,732.20
1/4		1/4		1/4		1/4		1/4	4,876.15	1/4	4,519.13	1/4	4,160.59	1/4	3,801.66	1/4	3,442.72	1/4	3,083.79	1/4	2,724.72
1/2		1/2		1/2		1/2		1/2	4,868.73	1/2	4,511.67	1/2	4,153.11	1/2	3,794.18	1/2	3,435.24	1/2	3,076.31	1/2	2,717.24
3/4		3/4		3/4		3/4		3/4	4,861.31	3/4	4,504.22	3/4	4,145.64	3/4	3,786.70	3/4	3,427.77	3/4	3,068.83	3/4	2,709.75
9		9		9		9		9	4,853.90	9	4,496.76	9	4,138.16	9	3,779.22	9	3,420.29	9	3,061.35	9	2,702.27
1/4		1/4		1/4		1/4		1/4	4,846.48	1/4	4,489.31	1/4	4,130.68	1/4	3,771.75	1/4	3,412.81	1/4	3,053.88	1/4	2,694.79
1/2		1/2		1/2		1/2		1/2	4,839.06	1/2	4,481.85	1/2	4,123.20	1/2	3,764.27	1/2	3,405.33	1/2	3,046.40	1/2	2,687.31
3/4		3/4		3/4		3/4		3/4	4,831.65	3/4	4,474.39	3/4	4,115.72	3/4	3,756.79	3/4	3,397.86	3/4	3,038.92	3/4	2,679.83
10		10		10		10		10	4,824.23	10	4,466.94	10	4,108.25	10	3,749.31	10	3,390.38	10	3,031.44	10	2,672.34
1/4		1/4		1/4		1/4		1/4	4,816.82	1/4	4,459.48	1/4	4,100.77	1/4	3,741.83	1/4	3,382.90	1/4	3,023.97	1/4	2,664.86
1/2		1/2		1/2		1/2		1/2	4,809.40	1/2	4,452.03	1/2	4,093.29	1/2	3,734.36	1/2	3,375.42	1/2	3,016.49	1/2	2,657.38
3/4		3/4		3/4		3/4		3/4	4,801.98	3/4	4,444.57	3/4	4,085.81	3/4	3,726.88	3/4	3,367.94	3/4	3,009.01	3/4	2,649.90
11		11		11		11		11	4,794.57	11	4,437.11	11	4,078.34	11	3,719.40	11	3,360.47	11	3,001.53	11	2,642.42
1/4		1/4		1/4		1/4		1/4	4,787.15	1/4	4,429.66	1/4	4,070.86	1/4	3,711.92	1/4	3,352.99	1/4	2,994.05	1/4	2,634.94
1/2		1/2		1/2		1/2		1/2	4,779.73	1/2	4,422.20	1/2	4,063.38	1/2	3,704.45	1/2	3,345.51	1/2	2,986.58	1/2	2,627.45
3/4		3/4		3/4		3/4		3/4	4,772.32	3/4	4,414.74	3/4	4,055.90	3/4	3,696.97	3/4	3,338.03	3/4	2,979.10	3/4	2,619.97

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29168"

2 PORT ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

GAUGE HEIGHT 17'-03 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	2,612.49	0	2,253.36	0	1,894.24	0	1,535.11	0	1,176.41	0	831.08	0	472.12	0	113.00	0		0	
1/4	2,605.01	1/4	2,245.88	1/4	1,886.76	1/4	1,527.63	1/4	1,169.14	1/4	823.67	1/4	464.63	1/4	105.52	1/4		1/4	
1/2	2,597.53	1/2	2,238.40	1/2	1,879.27	1/2	1,520.15	1/2	1,161.87	1/2	816.27	1/2	457.15	1/2	98.04	1/2		1/2	
3/4	2,590.04	3/4	2,230.92	3/4	1,871.79	3/4	1,512.67	3/4	1,154.67	3/4	808.79	3/4	449.67	3/4	90.55	3/4		3/4	
1	2,582.56	1	2,223.44	1	1,864.31	1	1,505.18	1	1,147.47	1	801.31	1	442.19	1	83.07	1		1	
1/4	2,575.08	1/4	2,215.95	1/4	1,856.83	1/4	1,497.70	1/4	1,140.27	1/4	793.82	1/4	434.71	1/4	75.59	1/4		1/4	
1/2	2,567.60	1/2	2,208.47	1/2	1,849.35	1/2	1,490.22	1/2	1,133.07	1/2	786.34	1/2	427.23	1/2	68.11	1/2		1/2	
3/4	2,560.12	3/4	2,200.99	3/4	1,841.86	3/4	1,482.74	3/4	1,125.88	3/4	778.86	3/4	419.74	3/4	61.33	3/4		3/4	
2	2,552.64	2	2,193.51	2	1,834.38	2	1,475.26	2	1,118.70	2	771.38	2	412.26	2	54.55	2		2	
1/4	2,545.15	1/4	2,186.03	1/4	1,826.90	1/4	1,467.77	1/4	1,111.51	1/4	763.90	1/4	404.78	1/4	47.77	1/4		1/4	
1/2	2,537.67	1/2	2,178.55	1/2	1,819.42	1/2	1,460.29	1/2	1,104.32	1/2	756.42	1/2	397.30	1/2	40.99	1/2		1/2	
3/4	2,530.19	3/4	2,171.06	3/4	1,811.94	3/4	1,452.81	3/4	1,097.13	3/4	748.94	3/4	389.82	3/4	35.85	3/4		3/4	
3	2,522.71	3	2,163.58	3	1,804.46	3	1,445.33	3	1,089.95	3	741.45	3	382.34	3	30.70	3		3	
1/4	2,515.23	1/4	2,156.10	1/4	1,796.97	1/4	1,437.85	1/4	1,082.77	1/4	733.97	1/4	374.86	1/4	25.56	1/4		1/4	
1/2	2,507.74	1/2	2,148.62	1/2	1,789.49	1/2	1,430.37	1/2	1,075.58	1/2	726.49	1/2	367.37	1/2	20.42	1/2		1/2	
3/4	2,500.26	3/4	2,141.14	3/4	1,782.01	3/4	1,422.88	3/4	1,068.40	3/4	719.01	3/4	359.89	3/4		3/4		3/4	
4	2,492.78	4	2,133.65	4	1,774.53	4	1,415.40	4	1,061.22	4	711.53	4	352.41	4		4		4	
1/4	2,485.30	1/4	2,126.17	1/4	1,767.05	1/4	1,407.92	1/4	1,054.04	1/4	704.05	1/4	344.93	1/4		1/4		1/4	
1/2	2,477.82	1/2	2,118.69	1/2	1,759.56	1/2	1,400.44	1/2	1,046.86	1/2	696.56	1/2	337.45	1/2		1/2		1/2	
3/4	2,470.34	3/4	2,111.21	3/4	1,752.08	3/4	1,392.96	3/4	1,039.68	3/4	689.08	3/4	329.97	3/4		3/4		3/4	
5	2,462.85	5	2,103.73	5	1,744.60	5	1,385.47	5	1,032.51	5	681.60	5	322.48	5		5		5	
1/4	2,455.37	1/4	2,096.25	1/4	1,737.12	1/4	1,377.99	1/4	1,025.33	1/4	674.12	1/4	315.00	1/4		1/4		1/4	
1/2	2,447.89	1/2	2,088.76	1/2	1,729.64	1/2	1,370.51	1/2	1,018.15	1/2	666.64	1/2	307.52	1/2		1/2		1/2	
3/4	2,440.41	3/4	2,081.28	3/4	1,722.16	3/4	1,363.03	3/4	1,010.97	3/4	659.16	3/4	300.04	3/4		3/4		3/4	
6	2,432.93	6	2,073.80	6	1,714.67	6	1,355.55	6	1,003.80	6	651.67	6	292.56	6		6		6	
1/4	2,425.44	1/4	2,066.32	1/4	1,707.19	1/4	1,348.07	1/4	996.62	1/4	644.19	1/4	285.08	1/4		1/4		1/4	
1/2	2,417.96	1/2	2,058.84	1/2	1,699.71	1/2	1,340.58	1/2	989.44	1/2	636.71	1/2	277.59	1/2		1/2		1/2	
3/4	2,410.48	3/4	2,051.35	3/4	1,692.23	3/4	1,333.10	3/4	982.26	3/4	629.23	3/4	270.11	3/4		3/4		3/4	
7	2,403.00	7	2,043.87	7	1,684.75	7	1,325.62	7	975.09	7	621.75	7	262.63	7		7		7	
1/4	2,395.52	1/4	2,036.39	1/4	1,677.26	1/4	1,318.14	1/4	967.91	1/4	614.27	1/4	255.15	1/4		1/4		1/4	
1/2	2,388.04	1/2	2,028.91	1/2	1,669.78	1/2	1,310.66	1/2	960.73	1/2	606.78	1/2	247.67	1/2		1/2		1/2	
3/4	2,380.55	3/4	2,021.43	3/4	1,662.30	3/4	1,303.17	3/4	953.55	3/4	599.30	3/4	240.19	3/4		3/4		3/4	
8	2,373.07	8	2,013.95	8	1,654.82	8	1,295.69	8	946.38	8	591.82	8	232.70	8		8		8	
1/4	2,365.59	1/4	2,006.46	1/4	1,647.34	1/4	1,288.21	1/4	939.20	1/4	584.34	1/4	225.22	1/4		1/4		1/4	
1/2	2,358.11	1/2	1,998.98	1/2	1,639.86	1/2	1,280.73	1/2	932.02	1/2	576.86	1/2	217.74	1/2		1/2		1/2	
3/4	2,350.63	3/4	1,991.50	3/4	1,632.37	3/4	1,273.25	3/4	924.84	3/4	569.38	3/4	210.26	3/4		3/4		3/4	
9	2,343.15	9	1,984.02	9	1,624.89	9	1,265.77	9	917.67	9	561.90	9	202.78	9		9		9	
1/4	2,335.66	1/4	1,976.54	1/4	1,617.41	1/4	1,258.28	1/4	910.49	1/4	554.41	1/4	195.30	1/4		1/4		1/4	
1/2	2,328.18	1/2	1,969.06	1/2	1,609.93	1/2	1,250.80	1/2	903.31	1/2	546.93	1/2	187.82	1/2		1/2		1/2	
3/4	2,320.70	3/4	1,961.57	3/4	1,602.45	3/4	1,243.32	3/4	896.13	3/4	539.45	3/4	180.33	3/4		3/4		3/4	
10	2,313.22	10	1,954.09	10	1,594.97	10	1,235.84	10	888.96	10	531.97	10	172.85	10		10		10	
1/4	2,305.74	1/4	1,946.61	1/4	1,587.48	1/4	1,228.36	1/4	881.78	1/4	524.49	1/4	165.37	1/4		1/4		1/4	
1/2	2,298.25	1/2	1,939.13	1/2	1,580.00	1/2	1,220.88	1/2	874.60	1/2	517.01	1/2	157.89	1/2		1/2		1/2	
3/4	2,290.77	3/4	1,931.65	3/4	1,572.52	3/4	1,213.39	3/4	867.42	3/4	509.52	3/4	150.41	3/4		3/4		3/4	
11	2,283.29	11	1,924.16	11	1,565.04	11	1,205.91	11	860.24	11	502.04	11	142.93	11		11		11	
1/4	2,275.81	1/4	1,916.68	1/4	1,557.56	1/4	1,198.43	1/4	853.07	1/4	494.56	1/4	135.44	1/4		1/4		1/4	
1/2	2,268.33	1/2	1,909.20	1/2	1,550.07	1/2	1,190.95	1/2	845.89	1/2	487.08	1/2	127.96	1/2		1/2		1/2	
3/4	2,260.85	3/4	1,901.72	3/4	1,542.59	3/4	1,183.68	3/4	838.48	3/4	479.60	3/4	120.48	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 CL
RECALCULATED: 01/16/2024 JS
NAME CHANGE: 01/16/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 29168"

2 STBD ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

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	4,786.23	0	4,428.66	0	4,069.81	0	3,710.88	0	3,351.94	0	2,993.00
1/4		1/4		1/4		1/4		1/4	4,778.81	1/4	4,421.20	1/4	4,062.33	1/4	3,703.40	1/4	3,344.47	1/4	2,985.51
1/2		1/2		1/2		1/2		1/2	4,771.40	1/2	4,413.74	1/2	4,054.86	1/2	3,695.92	1/2	3,336.99	1/2	2,978.03
3/4		3/4		3/4		3/4		3/4	4,763.98	3/4	4,406.29	3/4	4,047.38	3/4	3,688.44	3/4	3,329.51	3/4	2,970.54
1		1		1		1	5,092.62	1	4,756.56	1	4,398.82	1	4,039.90	1	3,680.97	1	3,322.03	1	2,963.06
1/4		1/4		1/4		1/4	5,088.14	1/4	4,749.15	1/4	4,391.34	1/4	4,032.42	1/4	3,673.49	1/4	3,314.55	1/4	2,955.58
1/2		1/2		1/2		1/2	5,083.66	1/2	4,741.73	1/2	4,383.87	1/2	4,024.95	1/2	3,666.01	1/2	3,307.08	1/2	2,948.09
3/4		3/4		3/4		3/4	5,079.18	3/4	4,734.31	3/4	4,376.40	3/4	4,017.47	3/4	3,658.53	3/4	3,299.60	3/4	2,940.61
2		2		2		2	5,073.63	2	4,726.87	2	4,368.92	2	4,009.99	2	3,651.05	2	3,292.12	2	2,933.13
1/4		1/4		1/4		1/4	5,068.08	1/4	4,719.42	1/4	4,361.45	1/4	4,002.51	1/4	3,643.58	1/4	3,284.64	1/4	2,925.65
1/2		1/2		1/2		1/2	5,062.53	1/2	4,711.98	1/2	4,353.97	1/2	3,995.03	1/2	3,636.10	1/2	3,277.16	1/2	2,918.17
3/4		3/4		3/4		3/4	5,056.98	3/4	4,704.53	3/4	4,346.49	3/4	3,987.56	3/4	3,628.62	3/4	3,269.69	3/4	2,910.69
3		3		3		3	5,050.36	3	4,697.08	3	4,339.01	3	3,980.08	3	3,621.14	3	3,262.21	3	2,903.20
1/4		1/4		1/4		1/4	5,043.74	1/4	4,689.62	1/4	4,331.53	1/4	3,972.60	1/4	3,613.67	1/4	3,254.73	1/4	2,895.72
1/2		1/2		1/2		1/2	5,037.12	1/2	4,682.16	1/2	4,324.06	1/2	3,965.12	1/2	3,606.19	1/2	3,247.25	1/2	2,888.24
3/4		3/4		3/4		3/4	5,030.50	3/4	4,674.71	3/4	4,316.58	3/4	3,957.64	3/4	3,598.71	3/4	3,239.78	3/4	2,880.76
4		4		4		4	5,023.22	4	4,667.25	4	4,309.10	4	3,950.17	4	3,591.23	4	3,232.30	4	2,873.28
1/4		1/4		1/4		1/4	5,015.93	1/4	4,659.79	1/4	4,301.62	1/4	3,942.69	1/4	3,583.75	1/4	3,224.82	1/4	2,865.80
1/2		1/2		1/2		1/2	5,008.64	1/2	4,652.34	1/2	4,294.15	1/2	3,935.21	1/2	3,576.28	1/2	3,217.34	1/2	2,858.31
3/4		3/4		3/4		3/4	5,001.35	3/4	4,644.88	3/4	4,286.67	3/4	3,927.73	3/4	3,568.80	3/4	3,209.86	3/4	2,850.83
5		5		5		5	4,993.93	5	4,637.43	5	4,279.19	5	3,920.26	5	3,561.32	5	3,202.39	5	2,843.35
1/4		1/4		1/4		1/4	4,986.51	1/4	4,629.97	1/4	4,271.71	1/4	3,912.78	1/4	3,553.84	1/4	3,194.91	1/4	2,835.87
1/2		1/2		1/2		1/2	4,979.09	1/2	4,622.51	1/2	4,264.23	1/2	3,905.30	1/2	3,546.37	1/2	3,187.43	1/2	2,828.39
3/4		3/4		3/4		3/4	4,971.67	3/4	4,615.06	3/4	4,256.76	3/4	3,897.82	3/4	3,538.89	3/4	3,179.95	3/4	2,820.91
6		6		6		6	4,964.25	6	4,607.60	6	4,249.28	6	3,890.34	6	3,531.41	6	3,172.48	6	2,813.42
1/4		1/4		1/4		1/4	4,956.83	1/4	4,600.15	1/4	4,241.80	1/4	3,882.87	1/4	3,523.93	1/4	3,165.00	1/4	2,805.94
1/2		1/2		1/2		1/2	4,949.41	1/2	4,592.69	1/2	4,234.32	1/2	3,875.39	1/2	3,516.45	1/2	3,157.52	1/2	2,798.46
3/4		3/4		3/4		3/4	4,941.99	3/4	4,585.23	3/4	4,226.85	3/4	3,867.91	3/4	3,508.98	3/4	3,150.04	3/4	2,790.98
7		7		7		7	4,934.57	7	4,577.78	7	4,219.37	7	3,860.43	7	3,501.50	7	3,142.56	7	2,783.50
1/4		1/4		1/4		1/4	4,927.15	1/4	4,570.32	1/4	4,211.89	1/4	3,852.96	1/4	3,494.02	1/4	3,135.09	1/4	2,776.01
1/2		1/2		1/2		1/2	4,919.73	1/2	4,562.87	1/2	4,204.41	1/2	3,845.48	1/2	3,486.54	1/2	3,127.61	1/2	2,768.53
3/4		3/4		3/4		3/4	4,912.31	3/4	4,555.41	3/4	4,196.93	3/4	3,838.00	3/4	3,479.07	3/4	3,120.13	3/4	2,761.05
8		8		8		8	4,904.89	8	4,547.95	8	4,189.46	8	3,830.52	8	3,471.59	8	3,112.65	8	2,753.57
1/4		1/4		1/4		1/4	4,897.48	1/4	4,540.50	1/4	4,181.98	1/4	3,823.04	1/4	3,464.11	1/4	3,105.18	1/4	2,746.09
1/2		1/2		1/2		1/2	4,890.06	1/2	4,533.04	1/2	4,174.50	1/2	3,815.57	1/2	3,456.63	1/2	3,097.70	1/2	2,738.61
3/4		3/4		3/4		3/4	4,882.64	3/4	4,525.58	3/4	4,167.02	3/4	3,808.09	3/4	3,449.15	3/4	3,090.22	3/4	2,731.12
9		9		9		9	4,875.22	9	4,518.13	9	4,159.55	9	3,800.61	9	3,441.68	9	3,082.74	9	2,723.64
1/4		1/4		1/4		1/4	4,867.81	1/4	4,510.67	1/4	4,152.07	1/4	3,793.13	1/4	3,434.20	1/4	3,075.26	1/4	2,716.16
1/2		1/2		1/2		1/2	4,860.39	1/2	4,503.22	1/2	4,144.59	1/2	3,785.66	1/2	3,426.72	1/2	3,067.79	1/2	2,708.68
3/4		3/4		3/4		3/4	4,852.97	3/4	4,495.76	3/4	4,137.11	3/4	3,778.18	3/4	3,419.24	3/4	3,060.31	3/4	2,701.20
10		10		10		10	4,845.56	10	4,488.30	10	4,129.63	10	3,770.70	10	3,411.77	10	3,052.83	10	2,693.72
1/4		1/4		1/4		1/4	4,838.14	1/4	4,480.85	1/4	4,122.16	1/4	3,763.22	1/4	3,404.29	1/4	3,045.35	1/4	2,686.23
1/2		1/2		1/2		1/2	4,830.73	1/2	4,473.39	1/2	4,114.68	1/2	3,755.74	1/2	3,396.81	1/2	3,037.88	1/2	2,678.75
3/4		3/4		3/4		3/4	4,823.31	3/4	4,465.94	3/4	4,107.20	3/4	3,748.27	3/4	3,389.33	3/4	3,030.40	3/4	2,671.27
11		11		11		11	4,815.89	11	4,458.48	11	4,099.72	11	3,740.79	11	3,381.85	11	3,022.92	11	2,663.79
1/4		1/4		1/4		1/4	4,808.48	1/4	4,451.02	1/4	4,092.25	1/4	3,733.31	1/4	3,374.38	1/4	3,015.44	1/4	2,656.31
1/2		1/2		1/2		1/2	4,801.06	1/2	4,443.57	1/2	4,084.77	1/2	3,725.83	1/2	3,366.90	1/2	3,007.96	1/2	2,648.83
3/4		3/4		3/4		3/4	4,793.64	3/4	4,436.11	3/4	4,077.29	3/4	3,718.36	3/4	3,359.42	3/4	3,000.49	3/4	2,641.34

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 29168"

2 STBD ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,633.86	0	2,274.74	0	1,915.62	0	1,556.50	0	1,197.38	0	838.70	0	479.60	0	120.48	0		0	
1/4	2,626.38	1/4	2,267.26	1/4	1,908.14	1/4	1,549.02	1/4	1,189.89	1/4	831.22	1/4	472.11	1/4	113.00	1/4		1/4	
1/2	2,618.90	1/2	2,259.78	1/2	1,900.66	1/2	1,541.53	1/2	1,182.41	1/2	823.75	1/2	464.63	1/2	105.52	1/2		1/2	
3/4	2,611.42	3/4	2,252.30	3/4	1,893.17	3/4	1,534.05	3/4	1,174.93	3/4	816.27	3/4	457.15	3/4	98.03	3/4		3/4	
1	2,603.94	1	2,244.81	1	1,885.69	1	1,526.57	1	1,167.45	1	808.79	1	449.67	1	90.55	1		1	
1/4	2,596.45	1/4	2,237.33	1/4	1,878.21	1/4	1,519.09	1/4	1,159.97	1/4	801.30	1/4	442.19	1/4	83.07	1/4		1/4	
1/2	2,588.97	1/2	2,229.85	1/2	1,870.73	1/2	1,511.61	1/2	1,152.49	1/2	793.82	1/2	434.71	1/2	75.59	1/2		1/2	
3/4	2,581.49	3/4	2,222.37	3/4	1,863.25	3/4	1,504.13	3/4	1,145.00	3/4	786.34	3/4	427.22	3/4	68.11	3/4		3/4	
2	2,574.01	2	2,214.89	2	1,855.77	2	1,496.64	2	1,137.53	2	778.86	2	419.74	2	61.33	2		2	
1/4	2,566.53	1/4	2,207.41	1/4	1,848.28	1/4	1,489.16	1/4	1,130.05	1/4	771.38	1/4	412.26	1/4	54.55	1/4		1/4	
1/2	2,559.05	1/2	2,199.92	1/2	1,840.80	1/2	1,481.68	1/2	1,122.57	1/2	763.90	1/2	404.78	1/2	47.77	1/2		1/2	
3/4	2,551.56	3/4	2,192.44	3/4	1,833.32	3/4	1,474.20	3/4	1,115.09	3/4	756.41	3/4	397.30	3/4	40.99	3/4		3/4	
3	2,544.08	3	2,184.96	3	1,825.84	3	1,466.72	3	1,107.62	3	748.93	3	389.82	3	35.84	3		3	
1/4	2,536.60	1/4	2,177.48	1/4	1,818.36	1/4	1,459.24	1/4	1,100.14	1/4	741.45	1/4	382.33	1/4	30.70	1/4		1/4	
1/2	2,529.12	1/2	2,170.00	1/2	1,810.88	1/2	1,451.75	1/2	1,092.67	1/2	733.97	1/2	374.85	1/2	25.56	1/2		1/2	
3/4	2,521.64	3/4	2,162.52	3/4	1,803.39	3/4	1,444.27	3/4	1,085.19	3/4	726.49	3/4	367.37	3/4	20.42	3/4		3/4	
4	2,514.16	4	2,155.03	4	1,795.91	4	1,436.79	4	1,077.72	4	719.01	4	359.89	4		4		4	
1/4	2,506.67	1/4	2,147.55	1/4	1,788.43	1/4	1,429.31	1/4	1,070.25	1/4	711.52	1/4	352.41	1/4		1/4		1/4	
1/2	2,499.19	1/2	2,140.07	1/2	1,780.95	1/2	1,421.83	1/2	1,062.78	1/2	704.04	1/2	344.93	1/2		1/2		1/2	
3/4	2,491.71	3/4	2,132.59	3/4	1,773.47	3/4	1,414.35	3/4	1,055.31	3/4	696.56	3/4	337.44	3/4		3/4		3/4	
5	2,484.23	5	2,125.11	5	1,765.99	5	1,406.86	5	1,047.84	5	689.08	5	329.96	5		5		5	
1/4	2,476.75	1/4	2,117.63	1/4	1,758.50	1/4	1,399.38	1/4	1,040.37	1/4	681.60	1/4	322.48	1/4		1/4		1/4	
1/2	2,469.27	1/2	2,110.14	1/2	1,751.02	1/2	1,391.90	1/2	1,032.90	1/2	674.12	1/2	315.00	1/2		1/2		1/2	
3/4	2,461.78	3/4	2,102.66	3/4	1,743.54	3/4	1,384.42	3/4	1,025.43	3/4	666.64	3/4	307.52	3/4		3/4		3/4	
6	2,454.30	6	2,095.18	6	1,736.06	6	1,376.94	6	1,017.96	6	659.15	6	300.04	6		6		6	
1/4	2,446.82	1/4	2,087.70	1/4	1,728.58	1/4	1,369.46	1/4	1,010.49	1/4	651.67	1/4	292.56	1/4		1/4		1/4	
1/2	2,439.34	1/2	2,080.22	1/2	1,721.10	1/2	1,361.97	1/2	1,003.03	1/2	644.19	1/2	285.07	1/2		1/2		1/2	
3/4	2,431.86	3/4	2,072.74	3/4	1,713.61	3/4	1,354.49	3/4	995.56	3/4	636.71	3/4	277.59	3/4		3/4		3/4	
7	2,424.38	7	2,065.25	7	1,706.13	7	1,347.01	7	988.09	7	629.23	7	270.11	7		7		7	
1/4	2,416.89	1/4	2,057.77	1/4	1,698.65	1/4	1,339.53	1/4	980.62	1/4	621.75	1/4	262.63	1/4		1/4		1/4	
1/2	2,409.41	1/2	2,050.29	1/2	1,691.17	1/2	1,332.05	1/2	973.15	1/2	614.26	1/2	255.15	1/2		1/2		1/2	
3/4	2,401.93	3/4	2,042.81	3/4	1,683.69	3/4	1,324.57	3/4	965.68	3/4	606.78	3/4	247.67	3/4		3/4		3/4	
8	2,394.45	8	2,035.33	8	1,676.21	8	1,317.08	8	958.21	8	599.30	8	240.18	8		8		8	
1/4	2,386.97	1/4	2,027.85	1/4	1,668.72	1/4	1,309.60	1/4	950.74	1/4	591.82	1/4	232.70	1/4		1/4		1/4	
1/2	2,379.48	1/2	2,020.36	1/2	1,661.24	1/2	1,302.12	1/2	943.27	1/2	584.34	1/2	225.22	1/2		1/2		1/2	
3/4	2,372.00	3/4	2,012.88	3/4	1,653.76	3/4	1,294.64	3/4	935.81	3/4	576.86	3/4	217.74	3/4		3/4		3/4	
9	2,364.52	9	2,005.40	9	1,646.28	9	1,287.16	9	928.34	9	569.37	9	210.26	9		9		9	
1/4	2,357.04	1/4	1,997.92	1/4	1,638.80	1/4	1,279.68	1/4	920.87	1/4	561.89	1/4	202.78	1/4		1/4		1/4	
1/2	2,349.56	1/2	1,990.44	1/2	1,631.31	1/2	1,272.19	1/2	913.40	1/2	554.41	1/2	195.29	1/2		1/2		1/2	
3/4	2,342.08	3/4	1,982.95	3/4	1,623.83	3/4	1,264.71	3/4	905.93	3/4	546.93	3/4	187.81	3/4		3/4		3/4	
10	2,334.59	10	1,975.47	10	1,616.35	10	1,257.23	10	898.46	10	539.45	10	180.33	10		10		10	
1/4	2,327.11	1/4	1,967.99	1/4	1,608.87	1/4	1,249.75	1/4	890.99	1/4	531.97	1/4	172.85	1/4		1/4		1/4	
1/2	2,319.63	1/2	1,960.51	1/2	1,601.39	1/2	1,242.27	1/2	883.52	1/2	524.48	1/2	165.37	1/2		1/2		1/2	
3/4	2,312.15	3/4	1,953.03	3/4	1,593.91	3/4	1,234.78	3/4	876.05	3/4	517.00	3/4	157.89	3/4		3/4		3/4	
11	2,304.67	11	1,945.55	11	1,586.42	11	1,227.30	11	868.59	11	509.52	11	150.40	11		11		11	
1/4	2,297.19	1/4	1,938.06	1/4	1,578.94	1/4	1,219.82	1/4	861.12	1/4	502.04	1/4	142.92	1/4		1/4		1/4	
1/2	2,289.70	1/2	1,930.58	1/2	1,571.46	1/2	1,212.34	1/2	853.65	1/2	494.56	1/2	135.44	1/2		1/2		1/2	
3/4	2,282.22	3/4	1,923.10	3/4	1,563.98	3/4	1,204.86	3/4	846.18	3/4	487.08	3/4	127.96	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 CL
RECALCULATED: 01/16/2024 JS
NAME CHANGE: 01/16/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 29168"

3 PORT ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

GAUGE HEIGHT 17'-03 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		0	4,288.59	0	4,070.18	0	3,850.94	0	3,631.67	0	3,304.13	0	2,947.56		
1/4		1/4		1/4		1/4		1/4	4,284.07	1/4	4,065.63	1/4	3,846.37	1/4	3,627.10	1/4	3,296.72	1/4	2,940.12		
1/2		1/2		1/2		1/2		1/2	4,477.65	1/2	4,279.54	1/2	4,061.06	1/2	3,841.80	1/2	3,622.53	1/2	3,289.31	1/2	2,932.69
3/4		3/4		3/4		3/4		3/4	4,475.80	3/4	4,275.01	3/4	4,056.50	3/4	3,837.23	3/4	3,617.96	3/4	3,281.90	3/4	2,925.26
1		1		1		1		1	4,473.95	1	4,270.49	1	4,051.93	1	3,832.66	1	3,613.40	1	3,274.49	1	2,917.82
1/4		1/4		1/4		1/4		1/4	4,472.10	1/4	4,265.96	1/4	4,047.37	1/4	3,828.10	1/4	3,608.83	1/4	3,267.08	1/4	2,910.39
1/2		1/2		1/2		1/2		1/2	4,469.44	1/2	4,261.41	1/2	4,042.80	1/2	3,823.53	1/2	3,604.26	1/2	3,259.66	1/2	2,902.96
3/4		3/4		3/4		3/4		3/4	4,466.77	3/4	4,256.87	3/4	4,038.23	3/4	3,818.96	3/4	3,599.69	3/4	3,252.23	3/4	2,895.52
2		2		2		2		2	4,464.11	2	4,252.32	2	4,033.66	2	3,814.39	2	3,595.12	2	3,244.81	2	2,888.09
1/4		1/4		1/4		1/4		1/4	4,461.44	1/4	4,247.77	1/4	4,029.09	1/4	3,809.82	1/4	3,590.56	1/4	3,237.38	1/4	2,880.65
1/2		1/2		1/2		1/2		1/2	4,457.71	1/2	4,243.22	1/2	4,024.53	1/2	3,805.26	1/2	3,583.82	1/2	3,229.95	1/2	2,873.22
3/4		3/4		3/4		3/4		3/4	4,453.98	3/4	4,238.66	3/4	4,019.96	3/4	3,800.69	3/4	3,577.09	3/4	3,222.52	3/4	2,865.79
3		3		3		3		3	4,450.25	3	4,234.11	3	4,015.39	3	3,796.12	3	3,570.36	3	3,215.09	3	2,858.35
1/4		1/4		1/4		1/4		1/4	4,446.52	1/4	4,229.56	1/4	4,010.82	1/4	3,791.55	1/4	3,563.63	1/4	3,207.66	1/4	2,850.92
1/2		1/2		1/2		1/2		1/2	4,442.13	1/2	4,225.00	1/2	4,006.25	1/2	3,786.98	1/2	3,556.20	1/2	3,200.22	1/2	2,843.49
3/4		3/4		3/4		3/4		3/4	4,437.73	3/4	4,220.45	3/4	4,001.68	3/4	3,782.42	3/4	3,548.77	3/4	3,192.79	3/4	2,836.05
4		4		4		4		4	4,433.34	4	4,215.90	4	3,997.12	4	3,777.85	4	3,541.34	4	3,185.36	4	2,828.62
1/4		1/4		1/4		1/4		1/4	4,428.94	1/4	4,211.34	1/4	3,992.55	1/4	3,773.28	1/4	3,533.91	1/4	3,177.93	1/4	2,821.18
1/2		1/2		1/2		1/2		1/2	4,424.41	1/2	4,206.79	1/2	3,987.98	1/2	3,768.71	1/2	3,526.49	1/2	3,170.50	1/2	2,813.75
3/4		3/4		3/4		3/4		3/4	4,419.88	3/4	4,202.23	3/4	3,983.41	3/4	3,764.14	3/4	3,519.07	3/4	3,163.07	3/4	2,806.32
5		5		5		5		5	4,415.36	5	4,197.68	5	3,978.84	5	3,759.58	5	3,511.65	5	3,155.64	5	2,798.88
1/4		1/4		1/4		1/4		1/4	4,410.83	1/4	4,193.13	1/4	3,974.28	1/4	3,755.01	1/4	3,504.23	1/4	3,148.21	1/4	2,791.45
1/2		1/2		1/2		1/2		1/2	4,406.30	1/2	4,188.57	1/2	3,969.71	1/2	3,750.44	1/2	3,496.81	1/2	3,140.77	1/2	2,784.01
3/4		3/4		3/4		3/4		3/4	4,401.77	3/4	4,184.02	3/4	3,965.14	3/4	3,745.87	3/4	3,489.40	3/4	3,133.34	3/4	2,776.58
6		6		6		6		6	4,397.24	6	4,179.47	6	3,960.57	6	3,741.30	6	3,481.99	6	3,125.91	6	2,769.15
1/4		1/4		1/4		1/4		1/4	4,392.71	1/4	4,174.91	1/4	3,956.00	1/4	3,736.73	1/4	3,474.57	1/4	3,118.48	1/4	2,761.71
1/2		1/2		1/2		1/2		1/2	4,388.18	1/2	4,170.36	1/2	3,951.44	1/2	3,732.17	1/2	3,467.16	1/2	3,111.05	1/2	2,754.28
3/4		3/4		3/4		3/4		3/4	4,383.65	3/4	4,165.81	3/4	3,946.87	3/4	3,727.60	3/4	3,459.75	3/4	3,103.62	3/4	2,746.85
7		7		7		7		7	4,379.12	7	4,161.25	7	3,942.30	7	3,723.03	7	3,452.34	7	3,096.19	7	2,739.41
1/4		1/4		1/4		1/4		1/4	4,374.59	1/4	4,156.70	1/4	3,937.73	1/4	3,718.46	1/4	3,444.93	1/4	3,088.76	1/4	2,731.98
1/2		1/2		1/2		1/2		1/2	4,370.07	1/2	4,152.15	1/2	3,933.16	1/2	3,713.89	1/2	3,437.52	1/2	3,081.33	1/2	2,724.54
3/4		3/4		3/4		3/4		3/4	4,365.54	3/4	4,147.59	3/4	3,928.60	3/4	3,709.33	3/4	3,430.11	3/4	3,073.89	3/4	2,717.11
8		8		8		8		8	4,361.01	8	4,143.04	8	3,924.03	8	3,704.76	8	3,422.70	8	3,066.46	8	2,709.68
1/4		1/4		1/4		1/4		1/4	4,356.49	1/4	4,138.48	1/4	3,919.46	1/4	3,700.19	1/4	3,415.29	1/4	3,059.03	1/4	2,702.24
1/2		1/2		1/2		1/2		1/2	4,351.96	1/2	4,133.93	1/2	3,914.89	1/2	3,695.62	1/2	3,407.88	1/2	3,051.60	1/2	2,694.81
3/4		3/4		3/4		3/4		3/4	4,347.43	3/4	4,129.38	3/4	3,910.32	3/4	3,691.05	3/4	3,400.47	3/4	3,044.17	3/4	2,687.38
9		9		9		9		9	4,342.91	9	4,124.82	9	3,905.75	9	3,686.49	9	3,393.06	9	3,036.74	9	2,679.94
1/4		1/4		1/4		1/4		1/4	4,338.38	1/4	4,120.27	1/4	3,901.19	1/4	3,681.92	1/4	3,385.65	1/4	3,029.31	1/4	2,672.51
1/2		1/2		1/2		1/2		1/2	4,333.85	1/2	4,115.72	1/2	3,896.62	1/2	3,677.35	1/2	3,378.24	1/2	3,021.88	1/2	2,665.07
3/4		3/4		3/4		3/4		3/4	4,329.33	3/4	4,111.16	3/4	3,892.05	3/4	3,672.78	3/4	3,370.83	3/4	3,014.44	3/4	2,657.64
10		10		10		10		10	4,324.80	10	4,106.61	10	3,887.48	10	3,668.21	10	3,363.42	10	3,007.01	10	2,650.21
1/4		1/4		1/4		1/4		1/4	4,320.28	1/4	4,102.06	1/4	3,882.91	1/4	3,663.65	1/4	3,356.01	1/4	2,999.58	1/4	2,642.77
1/2		1/2		1/2		1/2		1/2	4,315.75	1/2	4,097.50	1/2	3,878.35	1/2	3,659.08	1/2	3,348.60	1/2	2,992.15	1/2	2,635.34
3/4		3/4		3/4		3/4		3/4	4,311.22	3/4	4,092.95	3/4	3,873.78	3/4	3,654.51	3/4	3,341.19	3/4	2,984.72	3/4	2,627.90
11		11		11		11		11	4,306.70	11	4,088.39	11	3,869.21	11	3,649.94	11	3,333.78	11	2,977.29	11	2,620.47
1/4		1/4		1/4		1/4		1/4	4,302.17	1/4	4,083.84	1/4	3,864.64	1/4	3,645.37	1/4	3,326.36	1/4	2,969.86	1/4	2,613.04
1/2		1/2		1/2		1/2		1/2	4,297.64	1/2	4,079.29	1/2	3,860.07	1/2	3,640.80	1/2	3,318.95	1/2	2,962.42	1/2	2,605.60
3/4		3/4		3/4		3/4		3/4	4,293.12	3/4	4,074.73	3/4	3,855.51	3/4	3,636.24	3/4	3,311.54	3/4	2,954.99	3/4	2,598.16

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29168"

3 PORT ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

GAUGE HEIGHT 17'-03 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	2,590.72	0	2,234.91	0	1,880.61	0	1,523.45	0	1,166.74	0	819.84	0	462.53	0	105.17	0		0	
1/4	2,583.28	1/4	2,227.53	1/4	1,873.18	1/4	1,516.01	1/4	1,159.46	1/4	812.46	1/4	455.08	1/4	97.71	1/4		1/4	
1/2	2,575.84	1/2	2,220.15	1/2	1,865.74	1/2	1,508.57	1/2	1,152.23	1/2	805.01	1/2	447.64	1/2	90.26	1/2		1/2	
3/4	2,568.40	3/4	2,212.77	3/4	1,858.30	3/4	1,501.12	3/4	1,145.00	3/4	797.57	3/4	440.19	3/4	82.80	3/4		3/4	
1	2,560.96	1	2,205.39	1	1,850.86	1	1,493.68	1	1,137.77	1	790.12	1	432.75	1	75.35	1		1	
1/4	2,553.52	1/4	2,198.01	1/4	1,843.42	1/4	1,486.24	1/4	1,130.54	1/4	782.68	1/4	425.31	1/4	67.89	1/4		1/4	
1/2	2,546.08	1/2	2,190.64	1/2	1,835.98	1/2	1,478.80	1/2	1,123.32	1/2	775.23	1/2	417.86	1/2	61.13	1/2		1/2	
3/4	2,538.63	3/4	2,183.26	3/4	1,828.54	3/4	1,471.36	3/4	1,116.09	3/4	767.78	3/4	410.42	3/4	54.38	3/4		3/4	
2	2,531.19	2	2,175.88	2	1,821.10	2	1,463.92	2	1,108.87	2	760.34	2	402.97	2	47.62	2		2	
1/4	2,523.75	1/4	2,168.50	1/4	1,813.66	1/4	1,456.48	1/4	1,101.65	1/4	752.89	1/4	395.53	1/4	40.86	1/4		1/4	
1/2	2,516.31	1/2	2,161.12	1/2	1,806.21	1/2	1,449.04	1/2	1,094.43	1/2	745.45	1/2	388.09	1/2	35.73	1/2		1/2	
3/4	2,508.87	3/4	2,153.74	3/4	1,798.77	3/4	1,441.60	3/4	1,087.21	3/4	738.00	3/4	380.64	3/4	30.61	3/4		3/4	
3	2,501.43	3	2,146.37	3	1,791.33	3	1,434.15	3	1,079.99	3	730.56	3	373.20	3	25.48	3		3	
1/4	2,493.99	1/4	2,138.99	1/4	1,783.89	1/4	1,426.71	1/4	1,072.77	1/4	723.11	1/4	365.75	1/4	20.35	1/4		1/4	
1/2	2,486.58	1/2	2,131.61	1/2	1,776.45	1/2	1,419.27	1/2	1,065.56	1/2	715.67	1/2	358.31	1/2		1/2		1/2	
3/4	2,479.16	3/4	2,124.23	3/4	1,769.01	3/4	1,411.83	3/4	1,058.35	3/4	708.22	3/4	350.87	3/4		3/4		3/4	
4	2,471.75	4	2,116.85	4	1,761.57	4	1,404.39	4	1,051.13	4	700.78	4	343.42	4		4		4	
1/4	2,464.34	1/4	2,109.47	1/4	1,754.13	1/4	1,396.95	1/4	1,043.92	1/4	693.33	1/4	335.98	1/4		1/4		1/4	
1/2	2,456.94	1/2	2,102.10	1/2	1,746.68	1/2	1,389.51	1/2	1,036.71	1/2	685.89	1/2	328.53	1/2		1/2		1/2	
3/4	2,449.53	3/4	2,094.72	3/4	1,739.24	3/4	1,382.07	3/4	1,029.50	3/4	678.44	3/4	321.09	3/4		3/4		3/4	
5	2,442.13	5	2,087.34	5	1,731.80	5	1,374.62	5	1,022.29	5	670.99	5	313.65	5		5		5	
1/4	2,434.73	1/4	2,079.96	1/4	1,724.36	1/4	1,367.18	1/4	1,015.07	1/4	663.55	1/4	306.20	1/4		1/4		1/4	
1/2	2,427.33	1/2	2,072.58	1/2	1,716.92	1/2	1,359.74	1/2	1,007.86	1/2	656.10	1/2	298.76	1/2		1/2		1/2	
3/4	2,419.92	3/4	2,065.21	3/4	1,709.48	3/4	1,352.30	3/4	1,000.65	3/4	648.66	3/4	291.31	3/4		3/4		3/4	
6	2,412.52	6	2,057.83	6	1,702.04	6	1,344.86	6	993.44	6	641.21	6	283.87	6		6		6	
1/4	2,405.12	1/4	2,050.45	1/4	1,694.60	1/4	1,337.42	1/4	986.23	1/4	633.77	1/4	276.43	1/4		1/4		1/4	
1/2	2,397.72	1/2	2,043.07	1/2	1,687.15	1/2	1,329.98	1/2	979.02	1/2	626.32	1/2	268.98	1/2		1/2		1/2	
3/4	2,390.31	3/4	2,035.69	3/4	1,679.71	3/4	1,322.54	3/4	971.81	3/4	618.88	3/4	261.54	3/4		3/4		3/4	
7	2,382.91	7	2,028.31	7	1,672.27	7	1,315.09	7	964.60	7	611.43	7	254.09	7		7		7	
1/4	2,375.51	1/4	2,020.94	1/4	1,664.83	1/4	1,307.65	1/4	957.38	1/4	603.99	1/4	246.65	1/4		1/4		1/4	
1/2	2,368.10	1/2	2,013.56	1/2	1,657.39	1/2	1,300.21	1/2	950.17	1/2	596.54	1/2	239.21	1/2		1/2		1/2	
3/4	2,360.70	3/4	2,006.18	3/4	1,649.95	3/4	1,292.77	3/4	942.96	3/4	589.10	3/4	231.76	3/4		3/4		3/4	
8	2,353.30	8	1,998.80	8	1,642.51	8	1,285.33	8	935.75	8	581.65	8	224.32	8		8		8	
1/4	2,345.90	1/4	1,991.42	1/4	1,635.07	1/4	1,277.89	1/4	928.54	1/4	574.20	1/4	216.87	1/4		1/4		1/4	
1/2	2,338.49	1/2	1,984.04	1/2	1,627.63	1/2	1,270.45	1/2	921.33	1/2	566.76	1/2	209.43	1/2		1/2		1/2	
3/4	2,331.09	3/4	1,976.67	3/4	1,620.18	3/4	1,263.01	3/4	914.12	3/4	559.31	3/4	201.98	3/4		3/4		3/4	
9	2,323.69	9	1,969.29	9	1,612.74	9	1,255.57	9	906.90	9	551.87	9	194.53	9		9		9	
1/4	2,316.29	1/4	1,961.91	1/4	1,605.30	1/4	1,248.12	1/4	899.69	1/4	544.42	1/4	187.09	1/4		1/4		1/4	
1/2	2,308.88	1/2	1,954.53	1/2	1,597.86	1/2	1,240.68	1/2	892.48	1/2	536.98	1/2	179.64	1/2		1/2		1/2	
3/4	2,301.48	3/4	1,947.15	3/4	1,590.42	3/4	1,233.24	3/4	885.27	3/4	529.53	3/4	172.20	3/4		3/4		3/4	
10	2,294.08	10	1,939.77	10	1,582.98	10	1,225.80	10	878.06	10	522.09	10	164.75	10		10		10	
1/4	2,286.67	1/4	1,932.40	1/4	1,575.54	1/4	1,218.36	1/4	870.85	1/4	514.64	1/4	157.30	1/4		1/4		1/4	
1/2	2,279.27	1/2	1,925.02	1/2	1,568.10	1/2	1,210.92	1/2	863.64	1/2	507.20	1/2	149.86	1/2		1/2		1/2	
3/4	2,271.87	3/4	1,917.64	3/4	1,560.65	3/4	1,203.48	3/4	856.42	3/4	499.75	3/4	142.41	3/4		3/4		3/4	
11	2,264.47	11	1,910.26	11	1,553.21	11	1,196.04	11	849.21	11	492.31	11	134.96	11		11		11	
1/4	2,257.06	1/4	1,902.88	1/4	1,545.77	1/4	1,188.59	1/4	842.00	1/4	484.86	1/4	127.52	1/4		1/4		1/4	
1/2	2,249.68	1/2	1,895.46	1/2	1,538.33	1/2	1,181.31	1/2	834.62	1/2	477.42	1/2	120.07	1/2		1/2		1/2	
3/4	2,242.30	3/4	1,888.03	3/4	1,530.89	3/4	1,174.03	3/4	827.23	3/4	469.97	3/4	112.62	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 CL
RECALCULATED: 01/16/2024 JS
NAME CHANGE: 01/16/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 29168"

3 STBD ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

GAUGE HEIGHT 17'-03 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		0	4,310.05	0	4,091.67	0	3,872.46	0	3,653.22	0	3,325.24	0	2,967.88
1/4		1/4		1/4		1/4		1/4	4,305.52	1/4	4,087.12	1/4	3,867.89	1/4	3,648.66	1/4	3,317.81	1/4	2,960.43
1/2		1/2		1/2		1/2		1/2	4,499.08	1/2	4,300.99	1/2	4,082.55	1/2	3,863.33	1/2	3,644.09	1/2	3,310.38
3/4		3/4		3/4		3/4		3/4	4,497.23	3/4	4,296.47	3/4	4,077.99	3/4	3,858.76	3/4	3,639.52	3/4	3,302.96
1		1		1		1		1	4,495.38	1	4,291.94	1	4,073.42	1	3,854.19	1	3,634.96	1	3,295.53
1/4		1/4		1/4		1/4		1/4	4,493.53	1/4	4,287.42	1/4	4,068.86	1/4	3,849.62	1/4	3,630.39	1/4	3,288.10
1/2		1/2		1/2		1/2		1/2	4,490.87	1/2	4,282.87	1/2	4,064.29	1/2	3,845.06	1/2	3,625.82	1/2	3,280.66
3/4		3/4		3/4		3/4		3/4	4,488.21	3/4	4,278.33	3/4	4,059.72	3/4	3,840.49	3/4	3,621.25	3/4	3,273.22
2		2		2		2		2	4,485.54	2	4,273.78	2	4,055.16	2	3,835.92	2	3,616.69	2	3,265.78
1/4		1/4		1/4		1/4		1/4	4,482.88	1/4	4,269.23	1/4	4,050.59	1/4	3,831.35	1/4	3,612.12	1/4	3,258.34
1/2		1/2		1/2		1/2		1/2	4,479.15	1/2	4,264.68	1/2	4,046.02	1/2	3,826.79	1/2	3,605.39	1/2	3,250.89
3/4		3/4		3/4		3/4		3/4	4,475.42	3/4	4,260.13	3/4	4,041.45	3/4	3,822.22	3/4	3,598.66	3/4	3,243.44
3		3		3		3		3	4,471.69	3	4,255.57	3	4,036.89	3	3,817.65	3	3,591.93	3	3,235.99
1/4		1/4		1/4		1/4		1/4	4,467.96	1/4	4,251.02	1/4	4,032.32	1/4	3,813.08	1/4	3,585.20	1/4	3,228.55
1/2		1/2		1/2		1/2		1/2	4,463.56	1/2	4,246.47	1/2	4,027.75	1/2	3,808.52	1/2	3,577.76	1/2	3,221.10
3/4		3/4		3/4		3/4		3/4	4,459.16	3/4	4,241.91	3/4	4,023.18	3/4	3,803.95	3/4	3,570.33	3/4	3,213.65
4		4		4		4		4	4,454.77	4	4,237.36	4	4,018.62	4	3,799.38	4	3,562.90	4	3,206.20
1/4		1/4		1/4		1/4		1/4	4,450.37	1/4	4,232.81	1/4	4,014.05	1/4	3,794.81	1/4	3,555.47	1/4	3,198.76
1/2		1/2		1/2		1/2		1/2	4,445.85	1/2	4,228.26	1/2	4,009.48	1/2	3,790.25	1/2	3,548.04	1/2	3,191.31
3/4		3/4		3/4		3/4		3/4	4,441.32	3/4	4,223.70	3/4	4,004.91	3/4	3,785.68	3/4	3,540.61	3/4	3,183.86
5		5		5		5		5	4,436.79	5	4,219.15	5	4,000.35	5	3,781.11	5	3,533.18	5	3,176.41
1/4		1/4		1/4		1/4		1/4	4,432.26	1/4	4,214.60	1/4	3,995.78	1/4	3,776.54	1/4	3,525.76	1/4	3,168.97
1/2		1/2		1/2		1/2		1/2	4,427.73	1/2	4,210.04	1/2	3,991.21	1/2	3,771.98	1/2	3,518.33	1/2	3,161.52
3/4		3/4		3/4		3/4		3/4	4,423.20	3/4	4,205.49	3/4	3,986.65	3/4	3,767.41	3/4	3,510.90	3/4	3,154.07
6		6		6		6		6	4,418.68	6	4,200.94	6	3,982.08	6	3,762.84	6	3,503.48	6	3,146.62
1/4		1/4		1/4		1/4		1/4	4,414.15	1/4	4,196.39	1/4	3,977.51	1/4	3,758.28	1/4	3,496.05	1/4	3,139.18
1/2		1/2		1/2		1/2		1/2	4,409.62	1/2	4,191.83	1/2	3,972.94	1/2	3,753.71	1/2	3,488.62	1/2	3,131.73
3/4		3/4		3/4		3/4		3/4	4,405.09	3/4	4,187.28	3/4	3,968.38	3/4	3,749.14	3/4	3,481.20	3/4	3,124.28
7		7		7		7		7	4,400.56	7	4,182.73	7	3,963.81	7	3,744.57	7	3,473.77	7	3,116.83
1/4		1/4		1/4		1/4		1/4	4,396.04	1/4	4,178.17	1/4	3,959.24	1/4	3,740.01	1/4	3,466.34	1/4	3,109.39
1/2		1/2		1/2		1/2		1/2	4,391.51	1/2	4,173.62	1/2	3,954.67	1/2	3,735.44	1/2	3,458.92	1/2	3,101.94
3/4		3/4		3/4		3/4		3/4	4,386.98	3/4	4,169.07	3/4	3,950.11	3/4	3,730.87	3/4	3,451.49	3/4	3,094.49
8		8		8		8		8	4,382.45	8	4,164.52	8	3,945.54	8	3,726.30	8	3,444.06	8	3,087.04
1/4		1/4		1/4		1/4		1/4	4,377.93	1/4	4,159.96	1/4	3,940.97	1/4	3,721.74	1/4	3,436.64	1/4	3,079.60
1/2		1/2		1/2		1/2		1/2	4,373.40	1/2	4,155.41	1/2	3,936.40	1/2	3,717.17	1/2	3,429.21	1/2	3,072.15
3/4		3/4		3/4		3/4		3/4	4,368.88	3/4	4,150.86	3/4	3,931.84	3/4	3,712.60	3/4	3,421.78	3/4	3,064.70
9		9		9		9		9	4,364.35	9	4,146.30	9	3,927.27	9	3,708.03	9	3,414.36	9	3,057.26
1/4		1/4		1/4		1/4		1/4	4,359.83	1/4	4,141.75	1/4	3,922.70	1/4	3,703.47	1/4	3,406.93	1/4	3,049.81
1/2		1/2		1/2		1/2		1/2	4,355.30	1/2	4,137.20	1/2	3,918.13	1/2	3,698.90	1/2	3,399.50	1/2	3,042.36
3/4		3/4		3/4		3/4		3/4	4,350.78	3/4	4,132.65	3/4	3,913.57	3/4	3,694.33	3/4	3,392.08	3/4	3,034.91
10		10		10		10		10	4,346.25	10	4,128.09	10	3,909.00	10	3,689.76	10	3,384.65	10	3,027.47
1/4		1/4		1/4		1/4		1/4	4,341.72	1/4	4,123.54	1/4	3,904.43	1/4	3,685.20	1/4	3,377.22	1/4	3,020.02
1/2		1/2		1/2		1/2		1/2	4,337.20	1/2	4,118.99	1/2	3,899.86	1/2	3,680.63	1/2	3,369.80	1/2	3,012.57
3/4		3/4		3/4		3/4		3/4	4,332.67	3/4	4,114.43	3/4	3,895.30	3/4	3,676.06	3/4	3,362.37	3/4	3,005.12
11		11		11		11		11	4,328.15	11	4,109.88	11	3,890.73	11	3,671.49	11	3,354.94	11	2,997.68
1/4		1/4		1/4		1/4		1/4	4,323.62	1/4	4,105.33	1/4	3,886.16	1/4	3,666.93	1/4	3,347.52	1/4	2,990.23
1/2		1/2		1/2		1/2		1/2	4,319.10	1/2	4,100.77	1/2	3,881.59	1/2	3,662.36	1/2	3,340.09	1/2	2,982.78
3/4		3/4		3/4		3/4		3/4	4,314.57	3/4	4,096.22	3/4	3,877.03	3/4	3,657.79	3/4	3,332.66	3/4	2,975.33

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29168"

3 STBD ULLAGE TABLE "HERMETIC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30054"

GAUGE HEIGHT 17'-03 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	2,610.26	0	2,252.31	0	1,894.36	0	1,536.41	0	1,178.46	0	821.05	0	463.12	0	105.18	0		0	
1/4	2,602.80	1/4	2,244.85	1/4	1,886.90	1/4	1,528.95	1/4	1,171.00	1/4	813.60	1/4	455.66	1/4	97.72	1/4		1/4	
1/2	2,595.34	1/2	2,237.39	1/2	1,879.44	1/2	1,521.49	1/2	1,163.54	1/2	806.14	1/2	448.20	1/2	90.26	1/2		1/2	
3/4	2,587.89	3/4	2,229.94	3/4	1,871.99	3/4	1,514.04	3/4	1,156.08	3/4	798.69	3/4	440.75	3/4	82.80	3/4		3/4	
1	2,580.43	1	2,222.48	1	1,864.53	1	1,506.58	1	1,148.63	1	791.23	1	433.29	1	75.35	1		1	
1/4	2,572.97	1/4	2,215.02	1/4	1,857.07	1/4	1,499.12	1/4	1,141.17	1/4	783.77	1/4	425.83	1/4	67.89	1/4		1/4	
1/2	2,565.51	1/2	2,207.56	1/2	1,849.61	1/2	1,491.66	1/2	1,133.72	1/2	776.32	1/2	418.37	1/2	61.13	1/2		1/2	
3/4	2,558.06	3/4	2,200.11	3/4	1,842.16	3/4	1,484.21	3/4	1,126.27	3/4	768.86	3/4	410.92	3/4	54.37	3/4		3/4	
2	2,550.60	2	2,192.65	2	1,834.70	2	1,476.75	2	1,118.82	2	761.40	2	403.46	2	47.62	2		2	
1/4	2,543.14	1/4	2,185.19	1/4	1,827.24	1/4	1,469.29	1/4	1,111.36	1/4	753.94	1/4	396.00	1/4	40.86	1/4		1/4	
1/2	2,535.69	1/2	2,177.73	1/2	1,819.78	1/2	1,461.83	1/2	1,103.92	1/2	746.49	1/2	388.55	1/2	35.73	1/2		1/2	
3/4	2,528.23	3/4	2,170.28	3/4	1,812.33	3/4	1,454.38	3/4	1,096.47	3/4	739.03	3/4	381.09	3/4	30.61	3/4		3/4	
3	2,520.77	3	2,162.82	3	1,804.87	3	1,446.92	3	1,089.02	3	731.57	3	373.63	3	25.48	3		3	
1/4	2,513.31	1/4	2,155.36	1/4	1,797.41	1/4	1,439.46	1/4	1,081.57	1/4	724.12	1/4	366.17	1/4	20.35	1/4		1/4	
1/2	2,505.86	1/2	2,147.91	1/2	1,789.96	1/2	1,432.00	1/2	1,074.12	1/2	716.66	1/2	358.72	1/2		1/2		1/2	
3/4	2,498.40	3/4	2,140.45	3/4	1,782.50	3/4	1,424.55	3/4	1,066.68	3/4	709.20	3/4	351.26	3/4		3/4		3/4	
4	2,490.94	4	2,132.99	4	1,775.04	4	1,417.09	4	1,059.23	4	701.74	4	343.80	4		4		4	
1/4	2,483.48	1/4	2,125.53	1/4	1,767.58	1/4	1,409.63	1/4	1,051.79	1/4	694.29	1/4	336.35	1/4		1/4		1/4	
1/2	2,476.03	1/2	2,118.08	1/2	1,760.13	1/2	1,402.18	1/2	1,044.35	1/2	686.83	1/2	328.89	1/2		1/2		1/2	
3/4	2,468.57	3/4	2,110.62	3/4	1,752.67	3/4	1,394.72	3/4	1,036.91	3/4	679.37	3/4	321.43	3/4		3/4		3/4	
5	2,461.11	5	2,103.16	5	1,745.21	5	1,387.26	5	1,029.46	5	671.92	5	313.97	5		5		5	
1/4	2,453.66	1/4	2,095.70	1/4	1,737.75	1/4	1,379.80	1/4	1,022.02	1/4	664.46	1/4	306.52	1/4		1/4		1/4	
1/2	2,446.20	1/2	2,088.25	1/2	1,730.30	1/2	1,372.35	1/2	1,014.58	1/2	657.00	1/2	299.06	1/2		1/2		1/2	
3/4	2,438.74	3/4	2,080.79	3/4	1,722.84	3/4	1,364.89	3/4	1,007.14	3/4	649.54	3/4	291.60	3/4		3/4		3/4	
6	2,431.28	6	2,073.33	6	1,715.38	6	1,357.43	6	999.70	6	642.09	6	284.15	6		6		6	
1/4	2,423.83	1/4	2,065.88	1/4	1,707.93	1/4	1,349.97	1/4	992.25	1/4	634.63	1/4	276.69	1/4		1/4		1/4	
1/2	2,416.37	1/2	2,058.42	1/2	1,700.47	1/2	1,342.52	1/2	984.81	1/2	627.17	1/2	269.23	1/2		1/2		1/2	
3/4	2,408.91	3/4	2,050.96	3/4	1,693.01	3/4	1,335.06	3/4	977.37	3/4	619.72	3/4	261.78	3/4		3/4		3/4	
7	2,401.45	7	2,043.50	7	1,685.55	7	1,327.60	7	969.93	7	612.26	7	254.32	7		7		7	
1/4	2,394.00	1/4	2,036.05	1/4	1,678.10	1/4	1,320.15	1/4	962.49	1/4	604.80	1/4	246.86	1/4		1/4		1/4	
1/2	2,386.54	1/2	2,028.59	1/2	1,670.64	1/2	1,312.69	1/2	955.04	1/2	597.34	1/2	239.40	1/2		1/2		1/2	
3/4	2,379.08	3/4	2,021.13	3/4	1,663.18	3/4	1,305.23	3/4	947.60	3/4	589.89	3/4	231.95	3/4		3/4		3/4	
8	2,371.62	8	2,013.67	8	1,655.72	8	1,297.77	8	940.16	8	582.43	8	224.49	8		8		8	
1/4	2,364.17	1/4	2,006.22	1/4	1,648.27	1/4	1,290.32	1/4	932.72	1/4	574.97	1/4	217.03	1/4		1/4		1/4	
1/2	2,356.71	1/2	1,998.76	1/2	1,640.81	1/2	1,282.86	1/2	925.28	1/2	567.52	1/2	209.58	1/2		1/2		1/2	
3/4	2,349.25	3/4	1,991.30	3/4	1,633.35	3/4	1,275.40	3/4	917.83	3/4	560.06	3/4	202.12	3/4		3/4		3/4	
9	2,341.80	9	1,983.85	9	1,625.89	9	1,267.94	9	910.39	9	552.60	9	194.66	9		9		9	
1/4	2,334.34	1/4	1,976.39	1/4	1,618.44	1/4	1,260.49	1/4	902.95	1/4	545.15	1/4	187.20	1/4		1/4		1/4	
1/2	2,326.88	1/2	1,968.93	1/2	1,610.98	1/2	1,253.03	1/2	895.51	1/2	537.69	1/2	179.75	1/2		1/2		1/2	
3/4	2,319.42	3/4	1,961.47	3/4	1,603.52	3/4	1,245.57	3/4	888.07	3/4	530.23	3/4	172.29	3/4		3/4		3/4	
10	2,311.97	10	1,954.02	10	1,596.07	10	1,238.12	10	880.62	10	522.77	10	164.83	10		10		10	
1/4	2,304.51	1/4	1,946.56	1/4	1,588.61	1/4	1,230.66	1/4	873.18	1/4	515.32	1/4	157.38	1/4		1/4		1/4	
1/2	2,297.05	1/2	1,939.10	1/2	1,581.15	1/2	1,223.20	1/2	865.74	1/2	507.86	1/2	149.92	1/2		1/2		1/2	
3/4	2,289.59	3/4	1,931.64	3/4	1,573.69	3/4	1,215.74	3/4	858.30	3/4	500.40	3/4	142.46	3/4		3/4		3/4	
11	2,282.14	11	1,924.19	11	1,566.24	11	1,208.29	11	850.86	11	492.95	11	135.00	11		11		11	
1/4	2,274.68	1/4	1,916.73	1/4	1,558.78	1/4	1,200.83	1/4	843.41	1/4	485.49	1/4	127.55	1/4		1/4		1/4	
1/2	2,267.22	1/2	1,909.27	1/2	1,551.32	1/2	1,193.37	1/2	835.96	1/2	478.03	1/2	120.09	1/2		1/2		1/2	
3/4	2,259.77	3/4	1,901.81	3/4	1,543.86	3/4	1,185.91	3/4	828.51	3/4	470.57	3/4	112.63	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/11/2013 CL
RECALCULATED: 01/16/2024 JS
NAME CHANGE: 01/16/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29168"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	434	0	1,022	0	1,639	0	2,199	0		0		0		0		0	
1/4	5	1/4	446	1/4	1,034	1/4	1,651	1/4	2,210	1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	457	1/2	1,047	1/2	1,664	1/2	2,220	1/2		1/2		1/2		1/2		1/2	
3/4	16	3/4	468	3/4	1,060	3/4	1,676	3/4	2,226	3/4		3/4		3/4		3/4		3/4	
1	22	1	480	1	1,073	1	1,689	1	2,232	1		1		1		1		1	
1/4	28	1/4	491	1/4	1,086	1/4	1,701	1/4	2,239	1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	503	1/2	1,099	1/2	1,714	1/2	2,245	1/2		1/2		1/2		1/2		1/2	
3/4	41	3/4	515	3/4	1,112	3/4	1,726	3/4	2,251	3/4		3/4		3/4		3/4		3/4	
2	49	2	526	2	1,125	2	1,739	2	2,257	2		2		2		2		2	
1/4	56	1/4	538	1/4	1,137	1/4	1,751	1/4	2,262	1/4		1/4		1/4		1/4		1/4	
1/2	63	1/2	550	1/2	1,150	1/2	1,763	1/2	2,268	1/2		1/2		1/2		1/2		1/2	
3/4	71	3/4	561	3/4	1,163	3/4	1,776	3/4	2,274	3/4		3/4		3/4		3/4		3/4	
3	79	3	573	3	1,176	3	1,788	3	2,279	3		3		3		3		3	
1/4	87	1/4	585	1/4	1,189	1/4	1,800	1/4	2,284	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	597	1/2	1,202	1/2	1,812	1/2	2,290	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	609	3/4	1,215	3/4	1,824	3/4	2,295	3/4		3/4		3/4		3/4		3/4	
4	112	4	621	4	1,228	4	1,837	4	2,300	4		4		4		4		4	
1/4	120	1/4	633	1/4	1,241	1/4	1,849	1/4	2,305	1/4		1/4		1/4		1/4		1/4	
1/2	129	1/2	645	1/2	1,254	1/2	1,861	1/2	2,309	1/2		1/2		1/2		1/2		1/2	
3/4	138	3/4	657	3/4	1,267	3/4	1,873	3/4	2,314	3/4		3/4		3/4		3/4		3/4	
5	147	5	670	5	1,280	5	1,885	5	2,319	5		5		5		5		5	
1/4	156	1/4	682	1/4	1,293	1/4	1,897	1/4	2,323	1/4		1/4		1/4		1/4		1/4	
1/2	165	1/2	694	1/2	1,306	1/2	1,909	1/2	2,327	1/2		1/2		1/2		1/2		1/2	
3/4	174	3/4	706	3/4	1,319	3/4	1,920	3/4	2,331	3/4		3/4		3/4		3/4		3/4	
6	183	6	719	6	1,332	6	1,932	6	2,335	6		6		6		6		6	
1/4	193	1/4	731	1/4	1,344	1/4	1,944	1/4	2,339	1/4		1/4		1/4		1/4		1/4	
1/2	203	1/2	743	1/2	1,357	1/2	1,956	1/2	2,342	1/2		1/2		1/2		1/2		1/2	
3/4	212	3/4	756	3/4	1,370	3/4	1,967	3/4	2,345	3/4		3/4		3/4		3/4		3/4	
7	222	7	768	7	1,383	7	1,979	7	2,348	7		7		7		7		7	
1/4	232	1/4	781	1/4	1,396	1/4	1,991	1/4	2,351	1/4		1/4		1/4		1/4		1/4	
1/2	242	1/2	793	1/2	1,409	1/2	2,002	1/2	2,354	1/2		1/2		1/2		1/2		1/2	
3/4	252	3/4	806	3/4	1,422	3/4	2,014	3/4	2,356	3/4		3/4		3/4		3/4		3/4	
8	262	8	818	8	1,435	8	2,025	8	2,358	8		8		8		8		8	
1/4	272	1/4	831	1/4	1,448	1/4	2,036	1/4	2,359	1/4		1/4		1/4		1/4		1/4	
1/2	283	1/2	843	1/2	1,460	1/2	2,048	1/2	2,360	1/2		1/2		1/2		1/2		1/2	
3/4	293	3/4	856	3/4	1,473	3/4	2,059	3/4		3/4		3/4		3/4		3/4		3/4	
9	303	9	869	9	1,486	9	2,070	9		9		9		9		9		9	
1/4	314	1/4	881	1/4	1,499	1/4	2,081	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	325	1/2	894	1/2	1,512	1/2	2,092	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	335	3/4	907	3/4	1,524	3/4	2,103	3/4		3/4		3/4		3/4		3/4		3/4	
10	346	10	919	10	1,537	10	2,114	10		10		10		10		10		10	
1/4	357	1/4	932	1/4	1,550	1/4	2,125	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	368	1/2	945	1/2	1,563	1/2	2,136	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	379	3/4	957	3/4	1,575	3/4	2,147	3/4		3/4		3/4		3/4		3/4		3/4	
11	390	11	970	11	1,588	11	2,157	11		11		11		11		11		11	
1/4	401	1/4	983	1/4	1,601	1/4	2,168	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	412	1/2	996	1/2	1,613	1/2	2,179	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	423	3/4	1,009	3/4	1,626	3/4	2,189	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.

STRAPPED: 01/11/2024 JS
 CALCULATED: 01/12/2024 CL
 PRINTED: 01/12/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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