



BARGE "KIRBY 29158"

ULLAGE TRIM TABLE
FORMERLY: SMI 30065

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 235'-09"

August 9, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 29158"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-01 1/2"

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.
0	0	0	0	0	5,056.92	0	4,702.52	0	4,340.95	0	3,978.45	0	3,615.96	0	3,253.46	0	2,890.93		
1/4	1/4	1/4	1/4	1/4	5,050.93	1/4	4,694.99	1/4	4,333.40	1/4	3,970.90	1/4	3,608.41	1/4	3,245.91	1/4	2,883.37		
1/2	1/2	1/2	1/2	1/2	5,044.95	1/2	4,687.46	1/2	4,325.85	1/2	3,963.35	1/2	3,600.85	1/2	3,238.36	1/2	2,875.82		
3/4	3/4	3/4	3/4	3/4	5,038.97	3/4	4,679.93	3/4	4,318.29	3/4	3,955.80	3/4	3,593.30	3/4	3,230.81	3/4	2,868.26		
1	1	1	1	1	5,031.66	1	4,672.40	1	4,310.74	1	3,948.25	1	3,585.75	1	3,223.25	1	2,860.70		
1/4	1/4	1/4	1/4	1/4	5,024.35	1/4	4,664.87	1/4	4,303.19	1/4	3,940.69	1/4	3,578.20	1/4	3,215.70	1/4	2,853.15		
1/2	1/2	1/2	1/2	1/2	5,017.04	1/2	4,657.33	1/2	4,295.64	1/2	3,933.14	1/2	3,570.65	1/2	3,208.15	1/2	2,845.59		
3/4	3/4	3/4	3/4	3/4	5,009.74	3/4	4,649.80	3/4	4,288.09	3/4	3,925.59	3/4	3,563.09	3/4	3,200.60	3/4	2,838.04		
2	2	2	2	2	5,002.24	2	4,642.27	2	4,280.53	2	3,918.04	2	3,555.54	2	3,193.05	2	2,830.48		
1/4	1/4	1/4	1/4	1/4	4,994.75	1/4	4,634.74	1/4	4,272.98	1/4	3,910.49	1/4	3,547.99	1/4	3,185.49	1/4	2,822.92		
1/2	1/2	1/2	1/2	1/2	4,987.25	1/2	4,627.21	1/2	4,265.43	1/2	3,902.93	1/2	3,540.44	1/2	3,177.94	1/2	2,815.37		
3/4	3/4	3/4	3/4	3/4	4,979.76	3/4	4,619.68	3/4	4,257.88	3/4	3,895.38	3/4	3,532.89	3/4	3,170.39	3/4	2,807.81		
3	3	3	3	3	4,972.26	3	4,612.15	3	4,250.33	3	3,887.83	3	3,525.33	3	3,162.84	3	2,800.26		
1/4	1/4	1/4	1/4	1/4	4,964.77	1/4	4,604.62	1/4	4,242.77	1/4	3,880.28	1/4	3,517.78	1/4	3,155.29	1/4	2,792.70		
1/2	1/2	1/2	1/2	1/2	4,957.27	1/2	4,597.09	1/2	4,235.22	1/2	3,872.73	1/2	3,510.23	1/2	3,147.73	1/2	2,785.14		
3/4	3/4	3/4	3/4	3/4	4,949.78	3/4	4,589.56	3/4	4,227.67	3/4	3,865.17	3/4	3,502.68	3/4	3,140.18	3/4	2,777.59		
4	4	4	4	4	4,942.28	4	4,582.03	4	4,220.12	4	3,857.62	4	3,495.13	4	3,132.63	4	2,770.03		
1/4	1/4	1/4	1/4	1/4	4,934.79	1/4	4,574.50	1/4	4,212.57	1/4	3,850.07	1/4	3,487.57	1/4	3,125.08	1/4	2,762.48		
1/2	1/2	1/2	1/2	1/2	4,927.29	1/2	4,566.97	1/2	4,205.01	1/2	3,842.52	1/2	3,480.02	1/2	3,117.53	1/2	2,754.92		
3/4	3/4	3/4	3/4	3/4	4,919.80	3/4	4,559.44	3/4	4,197.46	3/4	3,834.97	3/4	3,472.47	3/4	3,109.97	3/4	2,747.36		
5	5	5	5	5	4,912.31	5	4,551.91	5	4,189.91	5	3,827.41	5	3,464.92	5	3,102.42	5	2,739.81		
1/4	1/4	1/4	1/4	1/4	4,904.81	1/4	4,544.38	1/4	4,182.36	1/4	3,819.86	1/4	3,457.37	1/4	3,094.87	1/4	2,732.25		
1/2	1/2	1/2	1/2	1/2	4,897.32	1/2	4,536.85	1/2	4,174.81	1/2	3,812.31	1/2	3,449.81	1/2	3,087.32	1/2	2,724.69		
3/4	3/4	3/4	3/4	3/4	4,889.82	3/4	4,529.32	3/4	4,167.25	3/4	3,804.76	3/4	3,442.26	3/4	3,079.77	3/4	2,717.14		
6	6	6	6	6	4,882.33	6	4,521.79	6	4,159.70	6	3,797.21	6	3,434.71	6	3,072.21	6	2,709.58		
1/4	1/4	1/4	1/4	1/4	4,874.84	1/4	4,514.26	1/4	4,152.15	1/4	3,789.65	1/4	3,427.16	1/4	3,064.66	1/4	2,702.03		
1/2	1/2	1/2	1/2	1/2	4,867.35	1/2	4,506.73	1/2	4,144.60	1/2	3,782.10	1/2	3,419.61	1/2	3,057.11	1/2	2,694.47		
3/4	3/4	3/4	3/4	3/4	4,859.86	3/4	4,499.20	3/4	4,137.05	3/4	3,774.55	3/4	3,412.05	3/4	3,049.56	3/4	2,686.91		
7	7	7	7	7	4,852.37	7	4,491.67	7	4,129.49	7	3,767.00	7	3,404.50	7	3,042.01	7	2,679.36		
1/4	1/4	1/4	1/4	1/4	4,844.88	1/4	4,484.14	1/4	4,121.94	1/4	3,759.45	1/4	3,396.95	1/4	3,034.45	1/4	2,671.80		
1/2	1/2	1/2	1/2	1/2	4,837.39	1/2	4,476.61	1/2	4,114.39	1/2	3,751.89	1/2	3,389.40	1/2	3,026.90	1/2	2,664.25		
3/4	3/4	3/4	3/4	3/4	4,829.90	3/4	4,469.07	3/4	4,106.84	3/4	3,744.34	3/4	3,381.85	3/4	3,019.35	3/4	2,656.69		
8	8	8	8	8	4,822.41	8	4,461.54	8	4,099.29	8	3,736.79	8	3,374.29	8	3,011.80	8	2,649.13		
1/4	1/4	1/4	1/4	1/4	4,814.92	1/4	4,454.01	1/4	4,091.73	1/4	3,729.24	1/4	3,366.74	1/4	3,004.25	1/4	2,641.58		
1/2	1/2	1/2	1/2	1/2	4,807.43	1/2	4,446.48	1/2	4,084.18	1/2	3,721.69	1/2	3,359.19	1/2	2,996.69	1/2	2,634.02		
3/4	3/4	3/4	3/4	3/4	4,799.93	3/4	4,438.95	3/4	4,076.63	3/4	3,714.13	3/4	3,351.64	3/4	2,989.14	3/4	2,626.47		
9	9	9	9	9	4,792.44	9	4,431.42	9	4,069.08	9	3,706.58	9	3,344.09	9	2,981.59	9	2,618.91		
1/4	1/4	1/4	1/4	1/4	4,784.95	1/4	4,423.89	1/4	4,061.53	1/4	3,699.03	1/4	3,336.53	1/4	2,974.04	1/4	2,611.35		
1/2	1/2	1/2	1/2	1/2	4,777.46	1/2	4,416.36	1/2	4,053.97	1/2	3,691.48	1/2	3,328.98	1/2	2,966.49	1/2	2,603.80		
3/4	3/4	3/4	3/4	3/4	4,769.97	3/4	4,408.83	3/4	4,046.42	3/4	3,683.93	3/4	3,321.43	3/4	2,958.93	3/4	2,596.24		
10	10	10	10	10	4,762.48	10	4,401.30	10	4,038.87	10	3,676.37	10	3,313.88	10	2,951.38	10	2,588.69		
1/4	1/4	1/4	1/4	1/4	4,754.99	1/4	4,393.77	1/4	4,031.32	1/4	3,668.82	1/4	3,306.33	1/4	2,943.82	1/4	2,581.13		
1/2	1/2	1/2	1/2	1/2	4,747.50	1/2	4,386.24	1/2	4,023.77	1/2	3,661.27	1/2	3,298.77	1/2	2,936.27	1/2	2,573.57		
3/4	3/4	3/4	3/4	3/4	5,080.79	3/4	4,740.01	3/4	4,378.71	3/4	4,016.21	3/4	3,653.72	3/4	3,291.22	3/4	2,928.71	3/4	2,566.02
11	11	11	11	11	5,076.32	11	4,732.52	11	4,371.16	11	4,008.66	11	3,646.17	11	3,283.67	11	2,921.15	11	2,558.46
1/4	1/4	1/4	1/4	1/4	5,071.84	1/4	4,725.03	1/4	4,363.61	1/4	4,001.11	1/4	3,638.61	1/4	3,276.12	1/4	2,913.60	1/4	2,550.90
1/2	1/2	1/2	1/2	1/2	5,067.37	1/2	4,717.54	1/2	4,356.05	1/2	3,993.56	1/2	3,631.06	1/2	3,268.57	1/2	2,906.04	1/2	2,543.35
3/4	3/4	3/4	3/4	3/4	5,062.90	3/4	4,710.05	3/4	4,348.50	3/4	3,986.01	3/4	3,623.51	3/4	3,261.01	3/4	2,898.49	3/4	2,535.79

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 29158"

1 PORT ULLAGE TABLE HERMETIC

CONTAINS 1000 GALLONS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-01 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	2,528.24	0	2,165.54	0	1,802.85	0	1,440.16	0	1,077.75	0	716.99	0	359.23	0	43.50	0		0	
1/4	2,520.68	1/4	2,157.99	1/4	1,795.29	1/4	1,432.60	1/4	1,070.23	1/4	709.44	1/4	352.14	1/4	38.37	1/4		1/4	
1/2	2,513.12	1/2	2,150.43	1/2	1,787.74	1/2	1,425.05	1/2	1,062.72	1/2	701.88	1/2	345.06	1/2	33.24	1/2		1/2	
3/4	2,505.57	3/4	2,142.88	3/4	1,780.18	3/4	1,417.49	3/4	1,055.21	3/4	694.33	3/4	337.97	3/4	28.11	3/4		3/4	
1	2,498.01	1	2,135.32	1	1,772.63	1	1,409.93	1	1,047.70	1	686.77	1	330.98	1	24.95	1		1	
1/4	2,490.46	1/4	2,127.76	1/4	1,765.07	1/4	1,402.38	1/4	1,040.18	1/4	679.21	1/4	323.99	1/4	21.79	1/4		1/4	
1/2	2,482.90	1/2	2,120.21	1/2	1,757.51	1/2	1,394.82	1/2	1,032.67	1/2	671.66	1/2	317.00	1/2	18.64	1/2		1/2	
3/4	2,475.34	3/4	2,112.65	3/4	1,749.96	3/4	1,387.27	3/4	1,025.16	3/4	664.10	3/4	310.01	3/4		3/4		3/4	
2	2,467.79	2	2,105.09	2	1,742.40	2	1,379.71	2	1,017.65	2	656.55	2	303.10	2		2		2	
1/4	2,460.23	1/4	2,097.54	1/4	1,734.85	1/4	1,372.15	1/4	1,010.15	1/4	648.99	1/4	296.19	1/4		1/4		1/4	
1/2	2,452.68	1/2	2,089.98	1/2	1,727.29	1/2	1,364.60	1/2	1,002.64	1/2	641.43	1/2	289.28	1/2		1/2		1/2	
3/4	2,445.12	3/4	2,082.43	3/4	1,719.73	3/4	1,357.04	3/4	995.14	3/4	633.88	3/4	282.37	3/4		3/4		3/4	
3	2,437.56	3	2,074.87	3	1,712.18	3	1,349.48	3	987.63	3	626.32	3	275.54	3		3		3	
1/4	2,430.01	1/4	2,067.31	1/4	1,704.62	1/4	1,341.93	1/4	980.13	1/4	618.77	1/4	268.71	1/4		1/4		1/4	
1/2	2,422.45	1/2	2,059.76	1/2	1,697.07	1/2	1,334.37	1/2	972.62	1/2	611.21	1/2	261.89	1/2		1/2		1/2	
3/4	2,414.89	3/4	2,052.20	3/4	1,689.51	3/4	1,326.82	3/4	965.12	3/4	603.65	3/4	255.06	3/4		3/4		3/4	
4	2,407.34	4	2,044.65	4	1,681.95	4	1,319.26	4	957.61	4	596.10	4	248.31	4		4		4	
1/4	2,399.78	1/4	2,037.09	1/4	1,674.40	1/4	1,311.70	1/4	950.11	1/4	588.54	1/4	241.57	1/4		1/4		1/4	
1/2	2,392.23	1/2	2,029.53	1/2	1,666.84	1/2	1,304.15	1/2	942.60	1/2	580.99	1/2	234.82	1/2		1/2		1/2	
3/4	2,384.67	3/4	2,021.98	3/4	1,659.28	3/4	1,296.59	3/4	935.10	3/4	573.43	3/4	228.08	3/4		3/4		3/4	
5	2,377.11	5	2,014.42	5	1,651.73	5	1,289.04	5	927.59	5	565.88	5	221.41	5		5		5	
1/4	2,369.56	1/4	2,006.87	1/4	1,644.17	1/4	1,281.48	1/4	920.09	1/4	558.32	1/4	214.75	1/4		1/4		1/4	
1/2	2,362.00	1/2	1,999.31	1/2	1,636.62	1/2	1,273.92	1/2	912.58	1/2	550.76	1/2	208.09	1/2		1/2		1/2	
3/4	2,354.45	3/4	1,991.75	3/4	1,629.06	3/4	1,266.37	3/4	905.08	3/4	543.21	3/4	201.42	3/4		3/4		3/4	
6	2,346.89	6	1,984.20	6	1,621.50	6	1,258.81	6	897.57	6	535.65	6	194.84	6		6		6	
1/4	2,339.33	1/4	1,976.64	1/4	1,613.95	1/4	1,251.26	1/4	890.07	1/4	528.10	1/4	188.26	1/4		1/4		1/4	
1/2	2,331.78	1/2	1,969.08	1/2	1,606.39	1/2	1,243.70	1/2	882.56	1/2	520.54	1/2	181.68	1/2		1/2		1/2	
3/4	2,324.22	3/4	1,961.53	3/4	1,598.84	3/4	1,236.14	3/4	875.06	3/4	512.98	3/4	175.10	3/4		3/4		3/4	
7	2,316.67	7	1,953.97	7	1,591.28	7	1,228.59	7	867.55	7	505.49	7	168.61	7		7		7	
1/4	2,309.11	1/4	1,946.42	1/4	1,583.72	1/4	1,221.03	1/4	860.05	1/4	497.99	1/4	162.11	1/4		1/4		1/4	
1/2	2,301.55	1/2	1,938.86	1/2	1,576.17	1/2	1,213.47	1/2	852.54	1/2	490.49	1/2	155.61	1/2		1/2		1/2	
3/4	2,294.00	3/4	1,931.30	3/4	1,568.61	3/4	1,205.92	3/4	845.04	3/4	483.00	3/4	149.11	3/4		3/4		3/4	
8	2,286.44	8	1,923.75	8	1,561.06	8	1,198.36	8	837.53	8	475.58	8	142.71	8		8		8	
1/4	2,278.88	1/4	1,916.19	1/4	1,553.50	1/4	1,190.81	1/4	830.03	1/4	468.16	1/4	136.31	1/4		1/4		1/4	
1/2	2,271.33	1/2	1,908.64	1/2	1,545.94	1/2	1,183.25	1/2	822.52	1/2	460.75	1/2	129.90	1/2		1/2		1/2	
3/4	2,263.77	3/4	1,901.08	3/4	1,538.39	3/4	1,175.69	3/4	815.02	3/4	453.33	3/4	123.50	3/4		3/4		3/4	
9	2,256.22	9	1,893.52	9	1,530.83	9	1,168.14	9	807.51	9	446.00	9	117.18	9		9		9	
1/4	2,248.66	1/4	1,885.97	1/4	1,523.27	1/4	1,160.58	1/4	800.01	1/4	438.67	1/4	110.86	1/4		1/4		1/4	
1/2	2,241.10	1/2	1,878.41	1/2	1,515.72	1/2	1,153.03	1/2	792.50	1/2	431.33	1/2	104.54	1/2		1/2		1/2	
3/4	2,233.55	3/4	1,870.86	3/4	1,508.16	3/4	1,145.47	3/4	785.00	3/4	423.9967	3/4	98.22	3/4		3/4		3/4	
10	2,225.99	10	1,863.30	10	1,500.61	10	1,137.94	10	777.44	10	416.75	10	91.98	10		10		10	
1/4	2,218.44	1/4	1,855.74	1/4	1,493.05	1/4	1,130.42	1/4	769.88	1/4	409.49	1/4	85.74	1/4		1/4		1/4	
1/2	2,210.88	1/2	1,848.19	1/2	1,485.49	1/2	1,122.89	1/2	762.33	1/2	402.24	1/2	79.50	1/2		1/2		1/2	
3/4	2,203.32	3/4	1,840.63	3/4	1,477.94	3/4	1,115.36	3/4	754.77	3/4	394.99	3/4	73.26	3/4		3/4		3/4	
11	2,195.77	11	1,833.08	11	1,470.38	11	1,107.84	11	747.22	11	387.82	11	67.10	11		11		11	
1/4	2,188.21	1/4	1,825.52	1/4	1,462.83	1/4	1,100.31	1/4	739.66	1/4	380.65	1/4	60.94	1/4		1/4		1/4	
1/2	2,180.66	1/2	1,817.96	1/2	1,455.27	1/2	1,092.78	1/2	732.11	1/2	373.48	1/2	54.79	1/2		1/2		1/2	
3/4	2,173.10	3/4	1,810.41	3/4	1,447.71	3/4	1,085.26	3/4	724.55	3/4	366.31	3/4	48.63	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 CL
CALCULATED: 05/16/2014 CL
VERIFIED: 08/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 29158"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-01 3/4"

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.
0	0	0	0	0	5,065.71	0	4,712.78	0	4,351.15	0	3,988.57	0	3,625.99	0	3,263.42	0	2,900.81		
1/4	1/4	1/4	1/4	1/4	5,059.72	1/4	4,705.24	1/4	4,343.60	1/4	3,981.02	1/4	3,618.44	1/4	3,255.86	1/4	2,893.25		
1/2	1/2	1/2	1/2	1/2	5,053.74	1/2	4,697.71	1/2	4,336.04	1/2	3,973.46	1/2	3,610.89	1/2	3,248.31	1/2	2,885.69		
3/4	3/4	3/4	3/4	3/4	5,047.75	3/4	4,690.18	3/4	4,328.49	3/4	3,965.91	3/4	3,603.33	3/4	3,240.76	3/4	2,878.13		
1	1	1	1	1	5,041.77	1	4,682.65	1	4,320.93	1	3,958.36	1	3,595.78	1	3,233.20	1	2,870.57		
1/4	1/4	1/4	1/4	1/4	5,034.46	1/4	4,675.12	1/4	4,313.38	1/4	3,950.80	1/4	3,588.23	1/4	3,225.65	1/4	2,863.02		
1/2	1/2	1/2	1/2	1/2	5,027.15	1/2	4,667.58	1/2	4,305.83	1/2	3,943.25	1/2	3,580.67	1/2	3,218.09	1/2	2,855.46		
3/4	3/4	3/4	3/4	3/4	5,019.84	3/4	4,660.05	3/4	4,298.27	3/4	3,935.70	3/4	3,573.12	3/4	3,210.54	3/4	2,847.90		
2	2	2	2	2	5,012.53	2	4,652.52	2	4,290.72	2	3,928.14	2	3,565.56	2	3,202.99	2	2,840.34		
1/4	1/4	1/4	1/4	1/4	5,005.04	1/4	4,644.99	1/4	4,283.17	1/4	3,920.59	1/4	3,558.01	1/4	3,195.43	1/4	2,832.79		
1/2	1/2	1/2	1/2	1/2	4,997.54	1/2	4,637.46	1/2	4,275.61	1/2	3,913.03	1/2	3,550.46	1/2	3,187.88	1/2	2,825.23		
3/4	3/4	3/4	3/4	3/4	4,990.04	3/4	4,629.92	3/4	4,268.06	3/4	3,905.48	3/4	3,542.90	3/4	3,180.33	3/4	2,817.67		
3	3	3	3	3	4,982.55	3	4,622.39	3	4,260.50	3	3,897.93	3	3,535.35	3	3,172.77	3	2,810.11		
1/4	1/4	1/4	1/4	1/4	4,975.05	1/4	4,614.86	1/4	4,252.95	1/4	3,890.37	1/4	3,527.80	1/4	3,165.22	1/4	2,802.55		
1/2	1/2	1/2	1/2	1/2	4,967.56	1/2	4,607.33	1/2	4,245.40	1/2	3,882.82	1/2	3,520.24	1/2	3,157.66	1/2	2,795.00		
3/4	3/4	3/4	3/4	3/4	4,960.06	3/4	4,599.80	3/4	4,237.84	3/4	3,875.27	3/4	3,512.69	3/4	3,150.11	3/4	2,787.44		
4	4	4	4	4	4,952.56	4	4,592.26	4	4,230.29	4	3,867.71	4	3,505.13	4	3,142.56	4	2,779.88		
1/4	1/4	1/4	1/4	1/4	4,945.07	1/4	4,584.73	1/4	4,222.74	1/4	3,860.16	1/4	3,497.58	1/4	3,135.00	1/4	2,772.32		
1/2	1/2	1/2	1/2	1/2	4,937.57	1/2	4,577.20	1/2	4,215.18	1/2	3,852.61	1/2	3,490.03	1/2	3,127.45	1/2	2,764.77		
3/4	3/4	3/4	3/4	3/4	4,930.08	3/4	4,569.67	3/4	4,207.63	3/4	3,845.05	3/4	3,482.47	3/4	3,119.90	3/4	2,757.21		
5	5	5	5	5	4,922.58	5	4,562.13	5	4,200.08	5	3,837.50	5	3,474.92	5	3,112.34	5	2,749.65		
1/4	1/4	1/4	1/4	1/4	4,915.08	1/4	4,554.60	1/4	4,192.52	1/4	3,829.94	1/4	3,467.37	1/4	3,104.79	1/4	2,742.09		
1/2	1/2	1/2	1/2	1/2	4,907.59	1/2	4,547.07	1/2	4,184.97	1/2	3,822.39	1/2	3,459.81	1/2	3,097.24	1/2	2,734.53		
3/4	3/4	3/4	3/4	3/4	4,900.09	3/4	4,539.54	3/4	4,177.41	3/4	3,814.84	3/4	3,452.26	3/4	3,089.68	3/4	2,726.98		
6	6	6	6	6	4,892.59	6	4,532.01	6	4,169.86	6	3,807.28	6	3,444.71	6	3,082.13	6	2,719.42		
1/4	1/4	1/4	1/4	1/4	4,885.10	1/4	4,524.47	1/4	4,162.31	1/4	3,799.73	1/4	3,437.15	1/4	3,074.57	1/4	2,711.86		
1/2	1/2	1/2	1/2	1/2	4,877.61	1/2	4,516.94	1/2	4,154.75	1/2	3,792.18	1/2	3,429.60	1/2	3,067.02	1/2	2,704.30		
3/4	3/4	3/4	3/4	3/4	4,870.12	3/4	4,509.41	3/4	4,147.20	3/4	3,784.62	3/4	3,422.04	3/4	3,059.47	3/4	2,696.75		
7	7	7	7	7	4,862.62	7	4,501.88	7	4,139.65	7	3,777.07	7	3,414.49	7	3,051.91	7	2,689.19		
1/4	1/4	1/4	1/4	1/4	4,855.13	1/4	4,494.35	1/4	4,132.09	1/4	3,769.51	1/4	3,406.94	1/4	3,044.36	1/4	2,681.63		
1/2	1/2	1/2	1/2	1/2	4,847.64	1/2	4,486.81	1/2	4,124.54	1/2	3,761.96	1/2	3,399.38	1/2	3,036.81	1/2	2,674.07		
3/4	3/4	3/4	3/4	3/4	4,840.15	3/4	4,479.28	3/4	4,116.98	3/4	3,754.41	3/4	3,391.83	3/4	3,029.25	3/4	2,666.51		
8	8	8	8	8	4,832.65	8	4,471.75	8	4,109.43	8	3,746.85	8	3,384.28	8	3,021.70	8	2,658.96		
1/4	1/4	1/4	1/4	1/4	4,825.16	1/4	4,464.22	1/4	4,101.88	1/4	3,739.30	1/4	3,376.72	1/4	3,014.14	1/4	2,651.40		
1/2	1/2	1/2	1/2	1/2	4,817.67	1/2	4,456.69	1/2	4,094.32	1/2	3,731.75	1/2	3,369.17	1/2	3,006.59	1/2	2,643.84		
3/4	3/4	3/4	3/4	3/4	4,810.18	3/4	4,449.15	3/4	4,086.77	3/4	3,724.19	3/4	3,361.61	3/4	2,999.04	3/4	2,636.28		
9	9	9	9	9	4,802.69	9	4,441.62	9	4,079.22	9	3,716.64	9	3,354.06	9	2,991.48	9	2,628.73		
1/4	1/4	1/4	1/4	1/4	4,795.19	1/4	4,434.09	1/4	4,071.66	1/4	3,709.08	1/4	3,346.51	1/4	2,983.93	1/4	2,621.17		
1/2	1/2	1/2	1/2	1/2	4,787.70	1/2	4,426.56	1/2	4,064.11	1/2	3,701.53	1/2	3,338.95	1/2	2,976.38	1/2	2,613.61		
3/4	3/4	3/4	3/4	3/4	4,780.21	3/4	4,419.02	3/4	4,056.55	3/4	3,693.98	3/4	3,331.40	3/4	2,968.82	3/4	2,606.05		
10	10	10	10	10	4,772.72	10	4,411.49	10	4,049.00	10	3,686.42	10	3,323.85	10	2,961.27	10	2,598.49		
1/4	1/4	1/4	1/4	1/4	4,765.22	1/4	4,403.96	1/4	4,041.45	1/4	3,678.87	1/4	3,316.29	1/4	2,953.71	1/4	2,590.94		
1/2	1/2	1/2	1/2	1/2	4,757.73	1/2	4,396.43	1/2	4,033.89	1/2	3,671.32	1/2	3,308.74	1/2	2,946.15	1/2	2,583.38		
3/4	3/4	3/4	3/4	3/4	4,750.24	3/4	4,388.90	3/4	4,026.34	3/4	3,663.76	3/4	3,301.18	3/4	2,938.60	3/4	2,575.82		
11	11	11	11	5,083.60	4,742.75	11	4,381.36	11	4,018.79	11	3,656.21	11	3,293.63	11	2,931.04	11	2,568.26		
1/4	1/4	1/4	1/4	5,079.13	4,735.25	1/4	4,373.81	1/4	4,011.23	1/4	3,648.66	1/4	3,286.08	1/4	2,923.48	1/4	2,560.71		
1/2	1/2	1/2	1/2	5,074.65	4,727.76	1/2	4,366.26	1/2	4,003.68	1/2	3,641.10	1/2	3,278.52	1/2	2,915.92	1/2	2,553.15		
3/4	3/4	3/4	3/4	5,070.18	4,720.27	3/4	4,358.70	3/4	3,996.13	3/4	3,633.55	3/4	3,270.97	3/4	2,908.36	3/4	2,545.59		

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 43'-03" FORWARD OF AFT BULKHEAD.

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

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 29158"

1 STBD ULLAGE TABLE HERMETIC

CONTAINS 1000 GALLONS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-01 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	2,538.03	0	2,175.26	0	1,812.48	0	1,449.71	0	1,086.93	0	724.66	0	366.40	0	48.64	0		0	
1/4	2,530.47	1/4	2,167.70	1/4	1,804.93	1/4	1,442.15	1/4	1,079.38	1/4	717.10	1/4	359.31	1/4	43.51	1/4		1/4	
1/2	2,522.92	1/2	2,160.14	1/2	1,797.37	1/2	1,434.59	1/2	1,071.83	1/2	709.54	1/2	352.23	1/2	38.38	1/2		1/2	
3/4	2,515.36	3/4	2,152.58	3/4	1,789.81	3/4	1,427.04	3/4	1,064.28	3/4	701.99	3/4	345.14	3/4	33.25	3/4		3/4	
1	2,507.80	1	2,145.03	1	1,782.25	1	1,419.48	1	1,056.73	1	694.43	1	338.05	1	28.12	1		1	
1/4	2,500.24	1/4	2,137.47	1/4	1,774.69	1/4	1,411.92	1/4	1,049.18	1/4	686.87	1/4	331.06	1/4	24.96	1/4		1/4	
1/2	2,492.68	1/2	2,129.91	1/2	1,767.14	1/2	1,404.36	1/2	1,041.63	1/2	679.31	1/2	324.07	1/2	21.80	1/2		1/2	
3/4	2,485.13	3/4	2,122.35	3/4	1,759.58	3/4	1,396.80	3/4	1,034.08	3/4	671.76	3/4	317.07	3/4	18.64	3/4		3/4	
2	2,477.57	2	2,114.79	2	1,752.02	2	1,389.25	2	1,026.53	2	664.20	2	310.08	2		2		2	
1/4	2,470.01	1/4	2,107.24	1/4	1,744.46	1/4	1,381.69	1/4	1,018.98	1/4	656.64	1/4	303.17	1/4		1/4		1/4	
1/2	2,462.45	1/2	2,099.68	1/2	1,736.90	1/2	1,374.13	1/2	1,011.44	1/2	649.08	1/2	296.26	1/2		1/2		1/2	
3/4	2,454.90	3/4	2,092.12	3/4	1,729.35	3/4	1,366.57	3/4	1,003.89	3/4	641.53	3/4	289.35	3/4		3/4		3/4	
3	2,447.34	3	2,084.56	3	1,721.79	3	1,359.01	3	996.35	3	633.97	3	282.44	3		3		3	
1/4	2,439.78	1/4	2,077.01	1/4	1,714.23	1/4	1,351.46	1/4	988.81	1/4	626.41	1/4	275.61	1/4		1/4		1/4	
1/2	2,432.22	1/2	2,069.45	1/2	1,706.67	1/2	1,343.90	1/2	981.26	1/2	618.85	1/2	268.78	1/2		1/2		1/2	
3/4	2,424.66	3/4	2,061.89	3/4	1,699.12	3/4	1,336.34	3/4	973.72	3/4	611.30	3/4	261.95	3/4		3/4		3/4	
4	2,417.11	4	2,054.33	4	1,691.56	4	1,328.78	4	966.17	4	603.74	4	255.12	4		4		4	
1/4	2,409.55	1/4	2,046.77	1/4	1,684.00	1/4	1,321.23	1/4	958.63	1/4	596.18	1/4	248.37	1/4		1/4		1/4	
1/2	2,401.99	1/2	2,039.22	1/2	1,676.44	1/2	1,313.67	1/2	951.09	1/2	588.62	1/2	241.63	1/2		1/2		1/2	
3/4	2,394.43	3/4	2,031.66	3/4	1,668.88	3/4	1,306.11	3/4	943.54	3/4	581.07	3/4	234.88	3/4		3/4		3/4	
5	2,386.88	5	2,024.10	5	1,661.33	5	1,298.55	5	936.00	5	573.51	5	228.13	5		5		5	
1/4	2,379.32	1/4	2,016.54	1/4	1,653.77	1/4	1,290.99	1/4	928.45	1/4	565.96	1/4	221.47	1/4		1/4		1/4	
1/2	2,371.76	1/2	2,008.99	1/2	1,646.21	1/2	1,283.44	1/2	920.91	1/2	558.41	1/2	214.80	1/2		1/2		1/2	
3/4	2,364.20	3/4	2,001.43	3/4	1,638.65	3/4	1,275.88	3/4	913.37	3/4	550.86	3/4	208.14	3/4		3/4		3/4	
6	2,356.64	6	1,993.87	6	1,631.10	6	1,268.32	6	905.82	6	543.31	6	201.47	6		6		6	
1/4	2,349.09	1/4	1,986.31	1/4	1,623.54	1/4	1,260.76	1/4	898.28	1/4	535.76	1/4	194.89	1/4		1/4		1/4	
1/2	2,341.53	1/2	1,978.75	1/2	1,615.98	1/2	1,253.21	1/2	890.74	1/2	528.21	1/2	188.31	1/2		1/2		1/2	
3/4	2,333.97	3/4	1,971.20	3/4	1,608.42	3/4	1,245.65	3/4	883.19	3/4	520.66	3/4	181.73	3/4		3/4		3/4	
7	2,326.41	7	1,963.64	7	1,600.86	7	1,238.09	7	875.65	7	513.11	7	175.14	7		7		7	
1/4	2,318.86	1/4	1,956.08	1/4	1,593.31	1/4	1,230.53	1/4	868.10	1/4	505.61	1/4	168.65	1/4		1/4		1/4	
1/2	2,311.30	1/2	1,948.52	1/2	1,585.75	1/2	1,222.97	1/2	860.56	1/2	498.11	1/2	162.15	1/2		1/2		1/2	
3/4	2,303.74	3/4	1,940.97	3/4	1,578.19	3/4	1,215.42	3/4	853.02	3/4	490.61	3/4	155.65	3/4		3/4		3/4	
8	2,296.18	8	1,933.41	8	1,570.63	8	1,207.86	8	845.47	8	483.11	8	149.15	8		8		8	
1/4	2,288.62	1/4	1,925.85	1/4	1,563.08	1/4	1,200.30	1/4	837.93	1/4	475.70	1/4	142.74	1/4		1/4		1/4	
1/2	2,281.07	1/2	1,918.29	1/2	1,555.52	1/2	1,192.74	1/2	830.38	1/2	468.28	1/2	136.34	1/2		1/2		1/2	
3/4	2,273.51	3/4	1,910.73	3/4	1,547.96	3/4	1,185.19	3/4	822.84	3/4	460.86	3/4	129.94	3/4		3/4		3/4	
9	2,265.95	9	1,903.18	9	1,540.40	9	1,177.63	9	815.30	9	453.44	9	123.53	9		9		9	
1/4	2,258.39	1/4	1,895.62	1/4	1,532.84	1/4	1,170.07	1/4	807.75	1/4	446.11	1/4	117.21	1/4		1/4		1/4	
1/2	2,250.84	1/2	1,888.06	1/2	1,525.29	1/2	1,162.51	1/2	800.21	1/2	438.77	1/2	110.89	1/2		1/2		1/2	
3/4	2,243.28	3/4	1,880.50	3/4	1,517.73	3/4	1,154.95	3/4	792.66	3/4	431.4353	3/4	104.56	3/4		3/4		3/4	
10	2,235.72	10	1,872.95	10	1,510.17	10	1,147.40	10	785.12	10	424.10	10	98.24	10		10		10	
1/4	2,228.16	1/4	1,865.39	1/4	1,502.61	1/4	1,139.84	1/4	777.56	1/4	416.85	1/4	92.00	1/4		1/4		1/4	
1/2	2,220.60	1/2	1,857.83	1/2	1,495.06	1/2	1,132.28	1/2	770.01	1/2	409.59	1/2	85.76	1/2		1/2		1/2	
3/4	2,213.05	3/4	1,850.27	3/4	1,487.50	3/4	1,124.72	3/4	762.45	3/4	402.34	3/4	79.52	3/4		3/4		3/4	
11	2,205.49	11	1,842.71	11	1,479.94	11	1,117.17	11	754.89	11	395.09	11	73.27	11		11		11	
1/4	2,197.93	1/4	1,835.16	1/4	1,472.38	1/4	1,109.61	1/4	747.33	1/4	387.91	1/4	67.12	1/4		1/4		1/4	
1/2	2,190.37	1/2	1,827.60	1/2	1,464.82	1/2	1,102.05	1/2	739.77	1/2	380.74	1/2	60.96	1/2		1/2		1/2	
3/4	2,182.82	3/4	1,820.04	3/4	1,457.27	3/4	1,094.49	3/4	732.22	3/4	373.57	3/4	54.80	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 CL
CALCULATED: 05/16/2014 CL
VERIFIED: 08/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 29158"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-01 3/4"

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.		
0		0		0		0	4,959.81	0	4,617.54	0	4,266.77	0	3,915.06	0	3,563.34	0	3,211.63	0	2,859.88		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,954.01	1/4	4,610.23	1/4	4,259.45	1/4	3,907.73	1/4	3,556.02	1/4	3,204.30	1/4	2,852.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,948.20	1/2	4,602.93	1/2	4,252.12	1/2	3,900.40	1/2	3,548.69	1/2	3,196.97	1/2	2,845.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,942.40	3/4	4,595.62	3/4	4,244.79	3/4	3,893.08	3/4	3,541.36	3/4	3,189.65	3/4	2,837.89		
1		1		1		1	4,936.59	1	4,588.32	1	4,237.46	1	3,885.75	1	3,534.03	1	3,182.32	1	2,830.56		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,929.51	1/4	4,581.01	1/4	4,230.14	1/4	3,878.42	1/4	3,526.71	1/4	3,174.99	1/4	2,823.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,922.42	1/2	4,573.70	1/2	4,222.81	1/2	3,871.09	1/2	3,519.38	1/2	3,167.66	1/2	2,815.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,915.33	3/4	4,566.40	3/4	4,215.48	3/4	3,863.77	3/4	3,512.05	3/4	3,160.34	3/4	2,808.56		
2		2		2		2	4,908.24	2	4,559.09	2	4,208.15	2	3,856.44	2	3,504.72	2	3,153.01	2	2,801.23		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,900.97	1/4	4,551.79	1/4	4,200.83	1/4	3,849.11	1/4	3,497.40	1/4	3,145.68	1/4	2,793.90		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,893.70	1/2	4,544.48	1/2	4,193.50	1/2	3,841.78	1/2	3,490.07	1/2	3,138.35	1/2	2,786.57		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,886.43	3/4	4,537.18	3/4	4,186.17	3/4	3,834.46	3/4	3,482.74	3/4	3,131.03	3/4	2,779.24		
3		3		3		3	4,879.16	3	4,529.87	3	4,178.85	3	3,827.13	3	3,475.41	3	3,123.70	3	2,771.90		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,871.89	1/4	4,522.56	1/4	4,171.52	1/4	3,819.80	1/4	3,468.09	1/4	3,116.37	1/4	2,764.57		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,864.62	1/2	4,515.26	1/2	4,164.19	1/2	3,812.48	1/2	3,460.76	1/2	3,109.04	1/2	2,757.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,857.35	3/4	4,507.95	3/4	4,156.86	3/4	3,805.15	3/4	3,453.43	3/4	3,101.72	3/4	2,749.91		
4		4		4		4	4,850.08	4	4,500.65	4	4,149.54	4	3,797.82	4	3,446.11	4	3,094.39	4	2,742.58		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,842.81	1/4	4,493.34	1/4	4,142.21	1/4	3,790.49	1/4	3,438.78	1/4	3,087.06	1/4	2,735.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,835.54	1/2	4,486.03	1/2	4,134.88	1/2	3,783.17	1/2	3,431.45	1/2	3,079.74	1/2	2,727.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,828.27	3/4	4,478.73	3/4	4,127.55	3/4	3,775.84	3/4	3,424.12	3/4	3,072.41	3/4	2,720.58		
5		5		5		5	4,821.00	5	4,471.42	5	4,120.23	5	3,768.51	5	3,416.80	5	3,065.08	5	2,713.25		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,813.73	1/4	4,464.12	1/4	4,112.90	1/4	3,761.18	1/4	3,409.47	1/4	3,057.75	1/4	2,705.92		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,806.46	1/2	4,456.81	1/2	4,105.57	1/2	3,753.86	1/2	3,402.14	1/2	3,050.43	1/2	2,698.59		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,799.19	3/4	4,449.51	3/4	4,098.24	3/4	3,746.53	3/4	3,394.81	3/4	3,043.10	3/4	2,691.26		
6		6		6		6	4,791.92	6	4,442.20	6	4,090.92	6	3,739.20	6	3,387.49	6	3,035.77	6	2,683.93		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,784.65	1/4	4,434.89	1/4	4,083.59	1/4	3,731.87	1/4	3,380.16	1/4	3,028.44	1/4	2,676.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,777.39	1/2	4,427.59	1/2	4,076.26	1/2	3,724.55	1/2	3,372.83	1/2	3,021.12	1/2	2,669.26		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,770.12	3/4	4,420.28	3/4	4,068.93	3/4	3,717.22	3/4	3,365.50	3/4	3,013.79	3/4	2,661.93		
7		7		7		7	4,762.86	7	4,412.98	7	4,061.61	7	3,709.89	7	3,358.18	7	3,006.46	7	2,654.60		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,755.59	1/4	4,405.67	1/4	4,054.28	1/4	3,702.56	1/4	3,350.85	1/4	2,999.13	1/4	2,647.27		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,748.33	1/2	4,398.36	1/2	4,046.95	1/2	3,695.24	1/2	3,343.52	1/2	2,991.81	1/2	2,639.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,741.06	3/4	4,391.06	3/4	4,039.62	3/4	3,687.91	3/4	3,336.19	3/4	2,984.48	3/4	2,632.61		
8		8		8		8	4,733.79	8	4,383.75	8	4,032.30	8	3,680.58	8	3,328.87	8	2,977.15	8	2,625.28		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,726.53	1/4	4,376.45	1/4	4,024.97	1/4	3,673.25	1/4	3,321.54	1/4	2,969.82	1/4	2,617.95		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,719.26	1/2	4,369.14	1/2	4,017.64	1/2	3,665.93	1/2	3,314.21	1/2	2,962.50	1/2	2,610.61		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,712.00	3/4	4,361.84	3/4	4,010.32	3/4	3,658.60	3/4	3,306.88	3/4	2,955.17	3/4	2,603.28		
9		9		9		9	4,704.73	9	4,354.53	9	4,002.99	9	3,651.27	9	3,299.56	9	2,947.84	9	2,595.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,697.46	1/4	4,347.22	1/4	3,995.66	1/4	3,643.95	1/4	3,292.23	1/4	2,940.51	1/4	2,588.62		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,690.20	1/2	4,339.92	1/2	3,988.33	1/2	3,636.62	1/2	3,284.90	1/2	2,933.19	1/2	2,581.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,682.93	3/4	4,332.61	3/4	3,981.01	3/4	3,629.29	3/4	3,277.58	3/4	2,925.86	3/4	2,573.96		
10		10		10		10	4,675.67	10	4,325.31	10	3,973.68	10	3,621.96	10	3,270.25	10	2,918.53	10	2,566.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,668.40	1/4	4,318.00	1/4	3,966.35	1/4	3,614.64	1/4	3,262.92	1/4	2,911.20	1/4	2,559.29		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,661.13	1/2	4,310.70	1/2	3,959.02	1/2	3,607.31	1/2	3,255.59	1/2	2,903.87	1/2	2,551.96		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,653.87	3/4	4,303.39	3/4	3,951.70	3/4	3,599.98	3/4	3,248.27	3/4	2,896.54	3/4	2,544.63		
11		11		11		11	4,977.16	11	4,646.60	11	4,296.08	11	3,944.37	11	3,592.65	11	3,240.94	11	2,889.21	11	2,537.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,972.82	1/4	4,639.34	1/4	4,288.76	1/4	3,937.04	1/4	3,585.33	1/4	3,233.61	1/4	2,881.88	1/4	2,529.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,968.48	1/2	4,632.07	1/2	4,281.43	1/2	3,929.71	1/2	3,578.00	1/2	3,226.28	1/2	2,874.54	1/2	2,522.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,964.15	3/4	4,624.80	3/4	4,274.10	3/4	3,922.39	3/4	3,570.67	3/4	3,218.96	3/4	2,867.21	3/4	2,515.31

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'-00" FORWARD OF AFT BULKHEAD.

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

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 29158"

2 PORT ULLAGE TABLE HERMETIC

CONTAINS 1000 GALLONS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-01 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	2,507.97	0	2,156.07	0	1,804.16	0	1,452.25	0	1,102.61	0	762.81	0	410.91	0	59.01	0		0	
1/4	2,500.64	1/4	2,148.74	1/4	1,796.83	1/4	1,444.92	1/4	1,095.57	1/4	755.48	1/4	403.58	1/4	52.60	1/4	1/4	1/4	1/4
1/2	2,493.31	1/2	2,141.40	1/2	1,789.50	1/2	1,437.59	1/2	1,088.54	1/2	748.15	1/2	396.25	1/2	46.19	1/2	1/2	1/2	1/2
3/4	2,485.98	3/4	2,134.07	3/4	1,782.17	3/4	1,430.26	3/4	1,081.50	3/4	740.82	3/4	388.92	3/4	39.77	3/4	3/4	3/4	3/4
1	2,478.65	1	2,126.74	1	1,774.83	1	1,422.93	1	1,074.47	1	733.49	1	381.59	1	33.36	1		1	
1/4	2,471.32	1/4	2,119.41	1/4	1,767.50	1/4	1,415.60	1/4	1,067.43	1/4	726.15	1/4	374.26	1/4	28.77	1/4	1/4	1/4	1/4
1/2	2,463.99	1/2	2,112.08	1/2	1,760.17	1/2	1,408.26	1/2	1,060.40	1/2	718.82	1/2	366.93	1/2	24.19	1/2	1/2	1/2	1/2
3/4	2,456.65	3/4	2,104.75	3/4	1,752.84	3/4	1,400.93	3/4	1,053.36	3/4	711.49	3/4	359.59	3/4	19.61	3/4	3/4	3/4	3/4
2	2,449.32	2	2,097.42	2	1,745.51	2	1,393.60	2	1,046.33	2	704.16	2	352.26	2		2		2	
1/4	2,441.99	1/4	2,090.08	1/4	1,738.18	1/4	1,386.27	1/4	1,039.30	1/4	696.83	1/4	344.93	1/4		1/4	1/4	1/4	1/4
1/2	2,434.66	1/2	2,082.75	1/2	1,730.85	1/2	1,378.94	1/2	1,032.28	1/2	689.50	1/2	337.60	1/2		1/2	1/2	1/2	1/2
3/4	2,427.33	3/4	2,075.42	3/4	1,723.51	3/4	1,371.61	3/4	1,025.25	3/4	682.17	3/4	330.27	3/4		3/4	3/4	3/4	3/4
3	2,420.00	3	2,068.09	3	1,716.18	3	1,364.28	3	1,018.22	3	674.84	3	322.94	3		3		3	
1/4	2,412.67	1/4	2,060.76	1/4	1,708.85	1/4	1,356.94	1/4	1,011.19	1/4	667.50	1/4	315.61	1/4		1/4	1/4	1/4	1/4
1/2	2,405.33	1/2	2,053.43	1/2	1,701.52	1/2	1,349.61	1/2	1,004.17	1/2	660.17	1/2	308.28	1/2		1/2	1/2	1/2	1/2
3/4	2,398.00	3/4	2,046.10	3/4	1,694.19	3/4	1,342.28	3/4	997.14	3/4	652.84	3/4	300.94	3/4		3/4	3/4	3/4	3/4
4	2,390.67	4	2,038.76	4	1,686.86	4	1,334.95	4	990.11	4	645.51	4	293.61	4		4		4	
1/4	2,383.34	1/4	2,031.43	1/4	1,679.53	1/4	1,327.62	1/4	983.09	1/4	638.18	1/4	286.28	1/4		1/4	1/4	1/4	1/4
1/2	2,376.01	1/2	2,024.10	1/2	1,672.19	1/2	1,320.29	1/2	976.06	1/2	630.85	1/2	278.95	1/2		1/2	1/2	1/2	1/2
3/4	2,368.68	3/4	2,016.77	3/4	1,664.86	3/4	1,312.96	3/4	969.03	3/4	623.52	3/4	271.62	3/4		3/4	3/4	3/4	3/4
5	2,361.35	5	2,009.44	5	1,657.53	5	1,305.62	5	962.00	5	616.19	5	264.29	5		5		5	
1/4	2,354.01	1/4	2,002.11	1/4	1,650.20	1/4	1,298.29	1/4	954.98	1/4	608.85	1/4	256.96	1/4		1/4	1/4	1/4	1/4
1/2	2,346.68	1/2	1,994.78	1/2	1,642.87	1/2	1,290.96	1/2	947.95	1/2	601.52	1/2	249.63	1/2		1/2	1/2	1/2	1/2
3/4	2,339.35	3/4	1,987.44	3/4	1,635.54	3/4	1,283.63	3/4	940.92	3/4	594.19	3/4	242.29	3/4		3/4	3/4	3/4	3/4
6	2,332.02	6	1,980.11	6	1,628.21	6	1,276.30	6	933.89	6	586.86	6	234.96	6		6		6	
1/4	2,324.69	1/4	1,972.78	1/4	1,620.87	1/4	1,268.97	1/4	926.87	1/4	579.53	1/4	227.63	1/4		1/4	1/4	1/4	1/4
1/2	2,317.36	1/2	1,965.45	1/2	1,613.54	1/2	1,261.64	1/2	919.84	1/2	572.20	1/2	220.30	1/2		1/2	1/2	1/2	1/2
3/4	2,310.03	3/4	1,958.12	3/4	1,606.21	3/4	1,254.30	3/4	912.81	3/4	564.87	3/4	212.97	3/4		3/4	3/4	3/4	3/4
7	2,302.69	7	1,950.79	7	1,598.88	7	1,246.97	7	905.79	7	557.54	7	205.64	7		7		7	
1/4	2,295.36	1/4	1,943.46	1/4	1,591.55	1/4	1,239.64	1/4	898.76	1/4	550.21	1/4	198.31	1/4		1/4	1/4	1/4	1/4
1/2	2,288.03	1/2	1,936.12	1/2	1,584.22	1/2	1,232.31	1/2	891.73	1/2	542.87	1/2	190.98	1/2		1/2	1/2	1/2	1/2
3/4	2,280.70	3/4	1,928.79	3/4	1,576.89	3/4	1,224.98	3/4	884.70	3/4	535.54	3/4	183.65	3/4		3/4	3/4	3/4	3/4
8	2,273.37	8	1,921.46	8	1,569.55	8	1,217.65	8	877.68	8	528.21	8	176.31	8		8		8	
1/4	2,266.04	1/4	1,914.13	1/4	1,562.22	1/4	1,210.32	1/4	870.65	1/4	520.88	1/4	168.98	1/4		1/4	1/4	1/4	1/4
1/2	2,258.71	1/2	1,906.80	1/2	1,554.89	1/2	1,202.98	1/2	863.62	1/2	513.55	1/2	161.65	1/2		1/2	1/2	1/2	1/2
3/4	2,251.38	3/4	1,899.47	3/4	1,547.56	3/4	1,195.65	3/4	856.60	3/4	506.22	3/4	154.32	3/4		3/4	3/4	3/4	3/4
9	2,244.04	9	1,892.14	9	1,540.23	9	1,188.32	9	849.57	9	498.89	9	146.99	9		9		9	
1/4	2,236.71	1/4	1,884.81	1/4	1,532.90	1/4	1,180.99	1/4	842.54	1/4	491.56	1/4	139.66	1/4		1/4	1/4	1/4	1/4
1/2	2,229.38	1/2	1,877.47	1/2	1,525.57	1/2	1,173.66	1/2	835.51	1/2	484.22	1/2	132.33	1/2		1/2	1/2	1/2	1/2
3/4	2,222.05	3/4	1,870.14	3/4	1,518.24	3/4	1,166.33	3/4	828.49	3/4	476.8933	3/4	125.00	3/4		3/4	3/4	3/4	3/4
10	2,214.72	10	1,862.81	10	1,510.90	10	1,159.00	10	821.46	10	469.56	10	117.66	10		10		10	
1/4	2,207.39	1/4	1,855.48	1/4	1,503.57	1/4	1,151.95	1/4	814.13	1/4	462.23	1/4	110.33	1/4		1/4	1/4	1/4	1/4
1/2	2,200.06	1/2	1,848.15	1/2	1,496.24	1/2	1,144.90	1/2	806.80	1/2	454.90	1/2	103.00	1/2		1/2	1/2	1/2	1/2
3/4	2,192.72	3/4	1,840.82	3/4	1,488.91	3/4	1,137.85	3/4	799.47	3/4	447.57	3/4	95.67	3/4		3/4	3/4	3/4	3/4
11	2,185.39	11	1,833.49	11	1,481.58	11	1,130.80	11	792.13	11	440.24	11	88.34	11		11		11	
1/4	2,178.06	1/4	1,826.15	1/4	1,474.25	1/4	1,123.75	1/4	784.80	1/4	432.91	1/4	81.01	1/4		1/4	1/4	1/4	1/4
1/2	2,170.73	1/2	1,818.82	1/2	1,466.92	1/2	1,116.70	1/2	777.47	1/2	425.57	1/2	73.68	1/2		1/2	1/2	1/2	1/2
3/4	2,163.40	3/4	1,811.49	3/4	1,459.58	3/4	1,109.66	3/4	770.14	3/4	418.24	3/4	66.35	3/4		3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 CL
CALCULATED: 05/16/2014 CL
VERIFIED: 08/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 29158"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-02"

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	
0	0	0	0	0	4,979.89	0	4,640.42	0	4,289.61	0	3,937.76	0	3,585.91	0	3,234.06	0	2,882.19			
1/4	1/4	1/4	1/4	1/4	4,975.55	1/4	4,633.15	1/4	4,282.28	1/4	3,930.43	1/4	3,578.58	1/4	3,226.73	1/4	2,874.85			
1/2	1/2	1/2	1/2	1/2	4,969.75	1/2	4,625.85	1/2	4,274.95	1/2	3,923.10	1/2	3,571.25	1/2	3,219.40	1/2	2,867.52			
3/4	3/4	3/4	3/4	3/4	4,963.94	3/4	4,618.54	3/4	4,267.62	3/4	3,915.77	3/4	3,563.92	3/4	3,212.07	3/4	2,860.18			
1	1	1	1	1	4,958.13	1	4,611.23	1	4,260.29	1	3,908.44	1	3,556.59	1	3,204.74	1	2,852.85			
1/4	1/4	1/4	1/4	1/4	4,952.33	1/4	4,603.92	1/4	4,252.96	1/4	3,901.11	1/4	3,549.26	1/4	3,197.41	1/4	2,845.52			
1/2	1/2	1/2	1/2	1/2	4,945.24	1/2	4,596.61	1/2	4,245.63	1/2	3,893.78	1/2	3,541.93	1/2	3,190.08	1/2	2,838.18			
3/4	3/4	3/4	3/4	3/4	4,938.15	3/4	4,589.31	3/4	4,238.30	3/4	3,886.45	3/4	3,534.60	3/4	3,182.75	3/4	2,830.85			
2	2	2	2	2	4,931.06	2	4,582.00	2	4,230.97	2	3,879.12	2	3,527.27	2	3,175.42	2	2,823.51			
1/4	1/4	1/4	1/4	1/4	4,923.97	1/4	4,574.69	1/4	4,223.64	1/4	3,871.79	1/4	3,519.94	1/4	3,168.09	1/4	2,816.18			
1/2	1/2	1/2	1/2	1/2	4,916.69	1/2	4,567.38	1/2	4,216.31	1/2	3,864.46	1/2	3,512.61	1/2	3,160.76	1/2	2,808.84			
3/4	3/4	3/4	3/4	3/4	4,909.42	3/4	4,560.07	3/4	4,208.98	3/4	3,857.13	3/4	3,505.28	3/4	3,153.43	3/4	2,801.51			
3	3	3	3	3	4,902.15	3	4,552.77	3	4,201.65	3	3,849.80	3	3,497.95	3	3,146.10	3	2,794.18			
1/4	1/4	1/4	1/4	1/4	4,894.88	1/4	4,545.46	1/4	4,194.32	1/4	3,842.47	1/4	3,490.62	1/4	3,138.77	1/4	2,786.84			
1/2	1/2	1/2	1/2	1/2	4,887.60	1/2	4,538.15	1/2	4,186.99	1/2	3,835.14	1/2	3,483.29	1/2	3,131.44	1/2	2,779.51			
3/4	3/4	3/4	3/4	3/4	4,880.33	3/4	4,530.84	3/4	4,179.66	3/4	3,827.81	3/4	3,475.96	3/4	3,124.11	3/4	2,772.17			
4	4	4	4	4	4,873.06	4	4,523.53	4	4,172.33	4	3,820.48	4	3,468.63	4	3,116.78	4	2,764.84			
1/4	1/4	1/4	1/4	1/4	4,865.78	1/4	4,516.23	1/4	4,165.00	1/4	3,813.15	1/4	3,461.30	1/4	3,109.45	1/4	2,757.51			
1/2	1/2	1/2	1/2	1/2	4,858.51	1/2	4,508.92	1/2	4,157.67	1/2	3,805.82	1/2	3,453.97	1/2	3,102.12	1/2	2,750.17			
3/4	3/4	3/4	3/4	3/4	4,851.24	3/4	4,501.61	3/4	4,150.34	3/4	3,798.49	3/4	3,446.64	3/4	3,094.79	3/4	2,742.84			
5	5	5	5	5	4,843.97	5	4,494.30	5	4,143.01	5	3,791.16	5	3,439.31	5	3,087.46	5	2,735.50			
1/4	1/4	1/4	1/4	1/4	4,836.69	1/4	4,486.99	1/4	4,135.68	1/4	3,783.83	1/4	3,431.98	1/4	3,080.13	1/4	2,728.17			
1/2	1/2	1/2	1/2	1/2	4,829.42	1/2	4,479.69	1/2	4,128.35	1/2	3,776.50	1/2	3,424.65	1/2	3,072.80	1/2	2,720.84			
3/4	3/4	3/4	3/4	3/4	4,822.15	3/4	4,472.38	3/4	4,121.02	3/4	3,769.17	3/4	3,417.32	3/4	3,065.47	3/4	2,713.50			
6	6	6	6	6	4,814.88	6	4,465.07	6	4,113.69	6	3,761.84	6	3,409.99	6	3,058.14	6	2,706.17			
1/4	1/4	1/4	1/4	1/4	4,807.60	1/4	4,457.76	1/4	4,106.36	1/4	3,754.51	1/4	3,402.66	1/4	3,050.81	1/4	2,698.83			
1/2	1/2	1/2	1/2	1/2	4,800.33	1/2	4,450.45	1/2	4,099.03	1/2	3,747.18	1/2	3,395.33	1/2	3,043.48	1/2	2,691.50			
3/4	3/4	3/4	3/4	3/4	4,793.07	3/4	4,443.15	3/4	4,091.70	3/4	3,739.85	3/4	3,388.00	3/4	3,036.15	3/4	2,684.16			
7	7	7	7	7	4,785.80	7	4,435.84	7	4,084.37	7	3,732.52	7	3,380.67	7	3,028.82	7	2,676.83			
1/4	1/4	1/4	1/4	1/4	4,778.53	1/4	4,428.53	1/4	4,077.04	1/4	3,725.19	1/4	3,373.34	1/4	3,021.49	1/4	2,669.50			
1/2	1/2	1/2	1/2	1/2	4,771.26	1/2	4,421.22	1/2	4,069.71	1/2	3,717.86	1/2	3,366.01	1/2	3,014.16	1/2	2,662.16			
3/4	3/4	3/4	3/4	3/4	4,763.99	3/4	4,413.91	3/4	4,062.37	3/4	3,710.53	3/4	3,358.68	3/4	3,006.83	3/4	2,654.83			
8	8	8	8	8	4,756.72	8	4,406.61	8	4,055.04	8	3,703.20	8	3,351.35	8	2,999.50	8	2,647.49			
1/4	1/4	1/4	1/4	1/4	4,749.45	1/4	4,399.30	1/4	4,047.71	1/4	3,695.87	1/4	3,344.02	1/4	2,992.17	1/4	2,640.16			
1/2	1/2	1/2	1/2	1/2	4,742.18	1/2	4,391.99	1/2	4,040.38	1/2	3,688.53	1/2	3,336.69	1/2	2,984.84	1/2	2,632.83			
3/4	3/4	3/4	3/4	3/4	4,734.92	3/4	4,384.68	3/4	4,033.05	3/4	3,681.20	3/4	3,329.36	3/4	2,977.51	3/4	2,625.49			
9	9	9	9	9	4,727.65	9	4,377.37	9	4,025.72	9	3,673.87	9	3,322.02	9	2,970.18	9	2,618.16			
1/4	1/4	1/4	1/4	1/4	4,720.38	1/4	4,370.07	1/4	4,018.39	1/4	3,666.54	1/4	3,314.69	1/4	2,962.85	1/4	2,610.82			
1/2	1/2	1/2	1/2	1/2	4,713.11	1/2	4,362.76	1/2	4,011.06	1/2	3,659.21	1/2	3,307.36	1/2	2,955.51	1/2	2,603.49			
3/4	3/4	3/4	3/4	3/4	4,705.84	3/4	4,355.45	3/4	4,003.73	3/4	3,651.88	3/4	3,300.03	3/4	2,948.18	3/4	2,596.16			
10	10	10	10	10	4,698.57	10	4,348.14	10	3,996.40	10	3,644.55	10	3,292.70	10	2,940.85	10	2,588.82			
1/4	1/4	1/4	1/4	1/4	4,691.30	1/4	4,340.83	1/4	3,989.07	1/4	3,637.22	1/4	3,285.37	1/4	2,933.52	1/4	2,581.49			
1/2	1/2	1/2	1/2	1/2	4,684.03	1/2	4,333.53	1/2	3,981.74	1/2	3,629.89	1/2	3,278.04	1/2	2,926.19	1/2	2,574.15			
3/4	3/4	3/4	3/4	3/4	4,676.77	3/4	4,326.22	3/4	3,974.41	3/4	3,622.56	3/4	3,270.71	3/4	2,918.86	3/4	2,566.82			
11	11	11	11	11	4,669.50	11	4,318.91	11	3,967.08	11	3,615.23	11	3,263.38	11	2,911.52	11	2,559.49			
1/4	1/4	1/4	1/4	4,992.91	1/4	4,662.23	1/4	4,311.60	1/4	3,959.75	1/4	3,607.90	1/4	3,256.05	1/4	2,904.19	1/4	2,552.15		
1/2	1/2	1/2	1/2	4,988.57	1/2	4,654.96	1/2	4,304.27	1/2	3,952.42	1/2	3,600.57	1/2	3,248.72	1/2	2,896.85	1/2	2,544.82		
3/4	3/4	3/4	3/4	4,984.23	3/4	4,647.69	3/4	4,296.94	3/4	3,945.09	3/4	3,593.24	3/4	3,241.39	3/4	2,889.52	3/4	2,537.48		

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'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29158"

2 STBD
ULLAGE TABLE
HERMETIC

CONTAINS 1000 GALLONS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-02"

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	2,530.15	0	2,178.11	0	1,826.08	0	1,474.04	0	1,122.00	0	770.43	0	418.40	0	66.37	0		0	
1/4	2,522.81	1/4	2,170.78	1/4	1,818.74	1/4	1,466.70	1/4	1,114.67	1/4	763.09	1/4	411.06	1/4	59.04	1/4		1/4	
1/2	2,515.48	1/2	2,163.44	1/2	1,811.41	1/2	1,459.37	1/2	1,107.34	1/2	755.76	1/2	403.73	1/2	52.62	1/2		1/2	
3/4	2,508.15	3/4	2,156.11	3/4	1,804.07	3/4	1,452.04	3/4	1,100.01	3/4	748.42	3/4	396.40	3/4	46.20	3/4		3/4	
1	2,500.81	1	2,148.78	1	1,796.74	1	1,444.70	1	1,092.68	1	741.09	1	389.06	1	39.79	1		1	
1/4	2,493.48	1/4	2,141.44	1/4	1,789.40	1/4	1,437.37	1/4	1,085.35	1/4	733.76	1/4	381.73	1/4	33.37	1/4		1/4	
1/2	2,486.14	1/2	2,134.11	1/2	1,782.07	1/2	1,430.03	1/2	1,078.03	1/2	726.42	1/2	374.39	1/2	28.78	1/2		1/2	
3/4	2,478.81	3/4	2,126.77	3/4	1,774.74	3/4	1,422.70	3/4	1,070.70	3/4	719.09	3/4	367.06	3/4	24.20	3/4		3/4	
2	2,471.48	2	2,119.44	2	1,767.40	2	1,415.37	2	1,063.37	2	711.75	2	359.73	2	19.62	2		2	
1/4	2,464.14	1/4	2,112.11	1/4	1,760.07	1/4	1,408.03	1/4	1,056.04	1/4	704.42	1/4	352.39	1/4		1/4		1/4	
1/2	2,456.81	1/2	2,104.77	1/2	1,752.73	1/2	1,400.70	1/2	1,048.72	1/2	697.09	1/2	345.06	1/2		1/2		1/2	
3/4	2,449.47	3/4	2,097.44	3/4	1,745.40	3/4	1,393.36	3/4	1,041.40	3/4	689.75	3/4	337.73	3/4		3/4		3/4	
3	2,442.14	3	2,090.10	3	1,738.07	3	1,386.03	3	1,034.08	3	682.42	3	330.39	3		3		3	
1/4	2,434.81	1/4	2,082.77	1/4	1,730.73	1/4	1,378.70	1/4	1,026.76	1/4	675.08	1/4	323.06	1/4		1/4		1/4	
1/2	2,427.47	1/2	2,075.43	1/2	1,723.40	1/2	1,371.36	1/2	1,019.44	1/2	667.75	1/2	315.72	1/2		1/2		1/2	
3/4	2,420.14	3/4	2,068.10	3/4	1,716.06	3/4	1,364.03	3/4	1,012.11	3/4	660.42	3/4	308.39	3/4		3/4		3/4	
4	2,412.80	4	2,060.77	4	1,708.73	4	1,356.69	4	1,004.79	4	653.08	4	301.06	4		4		4	
1/4	2,405.47	1/4	2,053.43	1/4	1,701.40	1/4	1,349.36	1/4	997.47	1/4	645.75	1/4	293.72	1/4		1/4		1/4	
1/2	2,398.13	1/2	2,046.10	1/2	1,694.06	1/2	1,342.02	1/2	990.15	1/2	638.42	1/2	286.39	1/2		1/2		1/2	
3/4	2,390.80	3/4	2,038.76	3/4	1,686.73	3/4	1,334.69	3/4	982.83	3/4	631.08	3/4	279.05	3/4		3/4		3/4	
5	2,383.47	5	2,031.43	5	1,679.39	5	1,327.36	5	975.51	5	623.75	5	271.72	5		5		5	
1/4	2,376.13	1/4	2,024.10	1/4	1,672.06	1/4	1,320.02	1/4	968.19	1/4	616.41	1/4	264.39	1/4		1/4		1/4	
1/2	2,368.80	1/2	2,016.76	1/2	1,664.72	1/2	1,312.69	1/2	960.87	1/2	609.08	1/2	257.05	1/2		1/2		1/2	
3/4	2,361.46	3/4	2,009.43	3/4	1,657.39	3/4	1,305.35	3/4	953.54	3/4	601.75	3/4	249.72	3/4		3/4		3/4	
6	2,354.13	6	2,002.09	6	1,650.06	6	1,298.02	6	946.22	6	594.41	6	242.38	6		6		6	
1/4	2,346.80	1/4	1,994.76	1/4	1,642.72	1/4	1,290.69	1/4	938.90	1/4	587.08	1/4	235.05	1/4		1/4		1/4	
1/2	2,339.46	1/2	1,987.43	1/2	1,635.39	1/2	1,283.35	1/2	931.58	1/2	579.74	1/2	227.72	1/2		1/2		1/2	
3/4	2,332.13	3/4	1,980.09	3/4	1,628.05	3/4	1,276.02	3/4	924.26	3/4	572.41	3/4	220.38	3/4		3/4		3/4	
7	2,324.79	7	1,972.76	7	1,620.72	7	1,268.68	7	916.94	7	565.08	7	213.05	7		7		7	
1/4	2,317.46	1/4	1,965.42	1/4	1,613.39	1/4	1,261.35	1/4	909.62	1/4	557.74	1/4	205.72	1/4		1/4		1/4	
1/2	2,310.13	1/2	1,958.09	1/2	1,606.05	1/2	1,254.02	1/2	902.30	1/2	550.41	1/2	198.38	1/2		1/2		1/2	
3/4	2,302.79	3/4	1,950.75	3/4	1,598.72	3/4	1,246.68	3/4	894.97	3/4	543.07	3/4	191.05	3/4		3/4		3/4	
8	2,295.46	8	1,943.42	8	1,591.38	8	1,239.35	8	887.65	8	535.74	8	183.71	8		8		8	
1/4	2,288.12	1/4	1,936.09	1/4	1,584.05	1/4	1,232.01	1/4	880.33	1/4	528.41	1/4	176.38	1/4		1/4		1/4	
1/2	2,280.79	1/2	1,928.75	1/2	1,576.72	1/2	1,224.68	1/2	873.01	1/2	521.07	1/2	169.05	1/2		1/2		1/2	
3/4	2,273.46	3/4	1,921.42	3/4	1,569.38	3/4	1,217.34	3/4	865.69	3/4	513.74	3/4	161.71	3/4		3/4		3/4	
9	2,266.12	9	1,914.08	9	1,562.05	9	1,210.01	9	858.37	9	506.40	9	154.38	9		9		9	
1/4	2,258.79	1/4	1,906.75	1/4	1,554.71	1/4	1,202.68	1/4	851.05	1/4	499.07	1/4	147.04	1/4		1/4		1/4	
1/2	2,251.45	1/2	1,899.42	1/2	1,547.38	1/2	1,195.34	1/2	843.73	1/2	491.74	1/2	139.71	1/2		1/2		1/2	
3/4	2,244.12	3/4	1,892.08	3/4	1,540.05	3/4	1,188.01	3/4	836.41	3/4	484.4032	3/4	132.38	3/4		3/4		3/4	
10	2,236.78	10	1,884.75	10	1,532.71	10	1,180.67	10	829.08	10	477.07	10	125.04	10		10		10	
1/4	2,229.45	1/4	1,877.41	1/4	1,525.38	1/4	1,173.34	1/4	821.76	1/4	469.74	1/4	117.71	1/4		1/4		1/4	
1/2	2,222.12	1/2	1,870.08	1/2	1,518.04	1/2	1,166.01	1/2	814.43	1/2	462.40	1/2	110.37	1/2		1/2		1/2	
3/4	2,214.78	3/4	1,862.75	3/4	1,510.71	3/4	1,158.67	3/4	807.09	3/4	455.07	3/4	103.04	3/4		3/4		3/4	
11	2,207.45	11	1,855.41	11	1,503.37	11	1,151.34	11	799.76	11	447.73	11	95.71	11		11		11	
1/4	2,200.11	1/4	1,848.08	1/4	1,496.04	1/4	1,144.00	1/4	792.43	1/4	440.40	1/4	88.37	1/4		1/4		1/4	
1/2	2,192.78	1/2	1,840.74	1/2	1,488.71	1/2	1,136.67	1/2	785.09	1/2	433.07	1/2	81.04	1/2		1/2		1/2	
3/4	2,185.45	3/4	1,833.41	3/4	1,481.37	3/4	1,129.34	3/4	777.76	3/4	425.73	3/4	73.70	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 CL
 CALCULATED: 05/16/2014 CL
 VERIFIED: 08/06/2024 CL

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

CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2024



BARGE "KIRBY 29158"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-02"

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	
0	0	0	0	0	4,569.89	0	4,331.98	0	4,084.23	0	3,835.80	0	3,587.36	0	3,282.64	0	2,924.21			
1/4	1/4	1/4	1/4	1/4	4,566.59	1/4	4,326.84	1/4	4,079.06	1/4	3,830.62	1/4	3,582.19	1/4	3,275.20	1/4	2,916.74			
1/2	1/2	1/2	1/2	1/2	4,562.95	1/2	4,321.68	1/2	4,073.88	1/2	3,825.45	1/2	3,577.01	1/2	3,267.73	1/2	2,909.27			
3/4	3/4	3/4	3/4	3/4	4,559.31	3/4	4,316.52	3/4	4,068.70	3/4	3,820.27	3/4	3,571.84	3/4	3,260.26	3/4	2,901.80			
1	1	1	1	1	4,555.68	1	4,311.36	1	4,063.53	1	3,815.09	1	3,566.66	1	3,252.80	1	2,894.33			
1/4	1/4	1/4	1/4	1/4	4,552.04	1/4	4,306.20	1/4	4,058.35	1/4	3,809.92	1/4	3,561.49	1/4	3,245.33	1/4	2,886.86			
1/2	1/2	1/2	1/2	1/2	4,547.09	1/2	4,301.04	1/2	4,053.18	1/2	3,804.74	1/2	3,556.31	1/2	3,237.86	1/2	2,879.39			
3/4	3/4	3/4	3/4	3/4	4,542.14	3/4	4,295.88	3/4	4,048.00	3/4	3,799.57	3/4	3,551.13	3/4	3,230.39	3/4	2,871.92			
2	2	2	2	2	4,537.19	2	4,290.71	2	4,042.83	2	3,794.39	2	3,545.96	2	3,222.93	2	2,864.45			
1/4	1/4	1/4	1/4	1/4	4,532.24	1/4	4,285.55	1/4	4,037.65	1/4	3,789.22	1/4	3,540.78	1/4	3,215.46	1/4	2,856.98			
1/2	1/2	1/2	1/2	1/2	4,527.10	1/2	4,280.39	1/2	4,032.47	1/2	3,784.04	1/2	3,535.64	1/2	3,207.99	1/2	2,849.51			
3/4	3/4	3/4	3/4	3/4	4,521.96	3/4	4,275.23	3/4	4,027.30	3/4	3,778.86	3/4	3,530.49	3/4	3,200.52	3/4	2,842.04			
3	3	3	3	3	4,516.83	3	4,270.07	3	4,022.12	3	3,773.69	3	3,525.35	3	3,193.06	3	2,834.57			
1/4	1/4	1/4	1/4	1/4	4,511.69	1/4	4,264.91	1/4	4,016.95	1/4	3,768.51	1/4	3,520.20	1/4	3,185.59	1/4	2,827.10			
1/2	1/2	1/2	1/2	1/2	4,506.55	1/2	4,259.75	1/2	4,011.77	1/2	3,763.34	1/2	3,515.05	1/2	3,178.12	1/2	2,819.63			
3/4	3/4	3/4	3/4	3/4	4,501.42	3/4	4,254.59	3/4	4,006.60	3/4	3,758.16	3/4	3,509.91	3/4	3,170.65	3/4	2,812.16			
4	4	4	4	4	4,496.28	4	4,249.43	4	4,001.42	4	3,752.99	4	3,504.76	4	3,163.19	4	2,804.69			
1/4	1/4	1/4	1/4	1/4	4,491.14	1/4	4,244.27	1/4	3,996.24	1/4	3,747.81	1/4	3,499.62	1/4	3,155.72	1/4	2,797.22			
1/2	1/2	1/2	1/2	1/2	4,486.01	1/2	4,239.10	1/2	3,991.07	1/2	3,742.63	1/2	3,494.48	1/2	3,148.25	1/2	2,789.75			
3/4	3/4	3/4	3/4	3/4	4,480.87	3/4	4,233.94	3/4	3,985.89	3/4	3,737.46	3/4	3,489.35	3/4	3,140.78	3/4	2,782.28			
5	5	5	5	5	4,475.74	5	4,228.78	5	3,980.72	5	3,732.28	5	3,484.21	5	3,133.32	5	2,774.81			
1/4	1/4	1/4	1/4	1/4	4,470.60	1/4	4,223.62	1/4	3,975.54	1/4	3,727.11	1/4	3,479.08	1/4	3,125.85	1/4	2,767.34			
1/2	1/2	1/2	1/2	1/2	4,465.46	1/2	4,218.46	1/2	3,970.37	1/2	3,721.93	1/2	3,472.79	1/2	3,118.38	1/2	2,759.87			
3/4	3/4	3/4	3/4	3/4	4,460.33	3/4	4,213.30	3/4	3,965.19	3/4	3,716.76	3/4	3,466.50	3/4	3,110.92	3/4	2,752.40			
6	6	6	6	6	4,455.19	6	4,208.14	6	3,960.01	6	3,711.58	6	3,460.21	6	3,103.45	6	2,744.93			
1/4	1/4	1/4	1/4	1/4	4,450.05	1/4	4,202.98	1/4	3,954.84	1/4	3,706.40	1/4	3,453.92	1/4	3,095.98	1/4	2,737.46			
1/2	1/2	1/2	1/2	1/2	4,444.92	1/2	4,197.82	1/2	3,949.66	1/2	3,701.23	1/2	3,446.47	1/2	3,088.51	1/2	2,729.99			
3/4	3/4	3/4	3/4	3/4	4,439.79	3/4	4,192.66	3/4	3,944.49	3/4	3,696.05	3/4	3,439.03	3/4	3,081.05	3/4	2,722.52			
7	7	7	7	7	4,434.65	7	4,187.49	7	3,939.31	7	3,690.88	7	3,431.58	7	3,073.58	7	2,715.05			
1/4	1/4	1/4	1/4	1/4	4,429.52	1/4	4,182.33	1/4	3,934.14	1/4	3,685.70	1/4	3,424.13	1/4	3,066.11	1/4	2,707.58			
1/2	1/2	1/2	1/2	1/2	4,424.38	1/2	4,177.17	1/2	3,928.96	1/2	3,680.53	1/2	3,416.69	1/2	3,058.64	1/2	2,700.11			
3/4	3/4	3/4	3/4	3/4	4,419.25	3/4	4,172.01	3/4	3,923.78	3/4	3,675.35	3/4	3,409.24	3/4	3,051.18	3/4	2,692.64			
8	8	8	8	8	4,414.12	8	4,166.85	8	3,918.61	8	3,670.17	8	3,401.79	8	3,043.71	8	2,685.17			
1/4	1/4	1/4	1/4	1/4	4,408.98	1/4	4,161.69	1/4	3,913.43	1/4	3,665.00	1/4	3,394.35	1/4	3,036.24	1/4	2,677.70			
1/2	1/2	1/2	1/2	1/2	4,403.85	1/2	4,156.53	1/2	3,908.26	1/2	3,659.82	1/2	3,386.90	1/2	3,028.77	1/2	2,670.23			
3/4	3/4	3/4	3/4	3/4	4,398.72	3/4	4,151.37	3/4	3,903.08	3/4	3,654.65	3/4	3,379.45	3/4	3,021.31	3/4	2,662.76			
9	9	9	9	9	4,393.58	9	4,146.21	9	3,897.91	9	3,649.47	9	3,372.00	9	3,013.84	9	2,655.29			
1/4	1/4	1/4	1/4	1/4	4,388.45	1/4	4,141.05	1/4	3,892.73	1/4	3,644.30	1/4	3,364.56	1/4	3,006.37	1/4	2,647.82			
1/2	1/2	1/2	1/2	1/2	4,383.31	1/2	4,135.88	1/2	3,887.55	1/2	3,639.12	1/2	3,357.11	1/2	2,998.90	1/2	2,640.35			
3/4	3/4	3/4	3/4	3/4	4,378.18	3/4	4,130.72	3/4	3,882.38	3/4	3,633.94	3/4	3,349.66	3/4	2,991.44	3/4	2,632.88			
10	10	10	10	10	4,373.05	10	4,125.56	10	3,877.20	10	3,628.77	10	3,342.22	10	2,983.97	10	2,625.41			
1/4	1/4	1/4	1/4	1/4	4,367.91	1/4	4,120.40	1/4	3,872.03	1/4	3,623.59	1/4	3,334.77	1/4	2,976.50	1/4	2,617.94			
1/2	1/2	1/2	1/2	1/2	4,362.78	1/2	4,115.24	1/2	3,866.85	1/2	3,618.42	1/2	3,327.32	1/2	2,969.03	1/2	2,610.46			
3/4	3/4	3/4	3/4	3/4	4,357.64	3/4	4,110.08	3/4	3,861.68	3/4	3,613.24	3/4	3,319.88	3/4	2,961.56	3/4	2,602.99			
11	11	11	11	11	4,352.51	11	4,104.92	11	3,856.50	11	3,608.07	11	3,312.43	11	2,954.09	11	2,595.51			
1/4	1/4	1/4	1/4	4,579.77	1/4	4,347.38	1/4	4,099.76	1/4	3,851.32	1/4	3,602.89	1/4	3,304.98	1/4	2,946.62	1/4	2,588.03		
1/2	1/2	1/2	1/2	4,576.48	1/2	4,342.24	1/2	4,094.58	1/2	3,846.15	1/2	3,597.71	1/2	3,297.54	1/2	2,939.15	1/2	2,580.55		
3/4	3/4	3/4	3/4	4,573.18	3/4	4,337.11	3/4	4,089.41	3/4	3,840.97	3/4	3,592.54	3/4	3,290.09	3/4	2,931.68	3/4	2,573.08		

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 29158"

3 PORT ULLAGE TABLE HERMETIC

CONTAINS 30,000 GALLONS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-02"

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	2,565.60	0	2,208.36	0	1,852.02	0	1,493.11	0	1,135.67	0	786.07	0	426.96	0	67.81	0		0	
1/4	2,558.12	1/4	2,200.95	1/4	1,844.55	1/4	1,485.63	1/4	1,128.40	1/4	778.59	1/4	419.48	1/4	60.31	1/4		1/4	
1/2	2,550.65	1/2	2,193.53	1/2	1,837.07	1/2	1,478.15	1/2	1,121.14	1/2	771.10	1/2	412.00	1/2	53.76	1/2		1/2	
3/4	2,543.17	3/4	2,186.12	3/4	1,829.59	3/4	1,470.68	3/4	1,113.89	3/4	763.62	3/4	404.52	3/4	47.20	3/4		3/4	
1	2,535.69	1	2,178.70	1	1,822.11	1	1,463.20	1	1,106.63	1	756.14	1	397.04	1	40.64	1		1	
1/4	2,528.21	1/4	2,171.29	1/4	1,814.64	1/4	1,455.72	1/4	1,099.38	1/4	748.66	1/4	389.56	1/4	34.09	1/4		1/4	
1/2	2,520.74	1/2	2,163.87	1/2	1,807.16	1/2	1,448.24	1/2	1,092.12	1/2	741.18	1/2	382.08	1/2	29.40	1/2		1/2	
3/4	2,513.26	3/4	2,156.46	3/4	1,799.68	3/4	1,440.77	3/4	1,084.87	3/4	733.70	3/4	374.60	3/4	24.72	3/4		3/4	
2	2,505.78	2	2,149.04	2	1,792.20	2	1,433.29	2	1,077.61	2	726.21	2	367.12	2	20.04	2		2	
1/4	2,498.30	1/4	2,141.63	1/4	1,784.73	1/4	1,425.81	1/4	1,070.36	1/4	718.73	1/4	359.64	1/4		1/4		1/4	
1/2	2,490.86	1/2	2,134.22	1/2	1,777.25	1/2	1,418.33	1/2	1,063.11	1/2	711.25	1/2	352.16	1/2		1/2		1/2	
3/4	2,483.43	3/4	2,126.80	3/4	1,769.77	3/4	1,410.86	3/4	1,055.86	3/4	703.77	3/4	344.68	3/4		3/4		3/4	
3	2,475.99	3	2,119.39	3	1,762.30	3	1,403.38	3	1,048.62	3	696.29	3	337.20	3		3		3	
1/4	2,468.55	1/4	2,111.97	1/4	1,754.82	1/4	1,395.90	1/4	1,041.37	1/4	688.81	1/4	329.72	1/4		1/4		1/4	
1/2	2,461.11	1/2	2,104.56	1/2	1,747.34	1/2	1,388.43	1/2	1,034.12	1/2	681.32	1/2	322.24	1/2		1/2		1/2	
3/4	2,453.67	3/4	2,097.14	3/4	1,739.86	3/4	1,380.95	3/4	1,026.87	3/4	673.84	3/4	314.76	3/4		3/4		3/4	
4	2,446.23	4	2,089.73	4	1,732.39	4	1,373.47	4	1,019.63	4	666.36	4	307.28	4		4		4	
1/4	2,438.79	1/4	2,082.31	1/4	1,724.91	1/4	1,365.99	1/4	1,012.38	1/4	658.88	1/4	299.80	1/4		1/4		1/4	
1/2	2,431.35	1/2	2,074.90	1/2	1,717.43	1/2	1,358.52	1/2	1,005.13	1/2	651.40	1/2	292.32	1/2		1/2		1/2	
3/4	2,423.92	3/4	2,067.48	3/4	1,709.95	3/4	1,351.04	3/4	997.88	3/4	643.92	3/4	284.84	3/4		3/4		3/4	
5	2,416.48	5	2,060.07	5	1,702.48	5	1,343.56	5	990.64	5	636.43	5	277.36	5		5		5	
1/4	2,409.04	1/4	2,052.66	1/4	1,695.00	1/4	1,336.08	1/4	983.39	1/4	628.95	1/4	269.88	1/4		1/4		1/4	
1/2	2,401.60	1/2	2,045.24	1/2	1,687.52	1/2	1,328.61	1/2	976.14	1/2	621.47	1/2	262.40	1/2		1/2		1/2	
3/4	2,394.16	3/4	2,037.83	3/4	1,680.04	3/4	1,321.13	3/4	968.89	3/4	613.99	3/4	254.92	3/4		3/4		3/4	
6	2,386.72	6	2,030.41	6	1,672.57	6	1,313.65	6	961.65	6	606.51	6	247.43	6		6		6	
1/4	2,379.28	1/4	2,023.00	1/4	1,665.09	1/4	1,306.17	1/4	954.40	1/4	599.03	1/4	239.95	1/4		1/4		1/4	
1/2	2,371.84	1/2	2,015.58	1/2	1,657.61	1/2	1,298.70	1/2	947.15	1/2	591.55	1/2	232.47	1/2		1/2		1/2	
3/4	2,364.41	3/4	2,008.17	3/4	1,650.13	3/4	1,291.22	3/4	939.90	3/4	584.06	3/4	224.99	3/4		3/4		3/4	
7	2,356.97	7	2,000.75	7	1,642.66	7	1,283.74	7	932.66	7	576.58	7	217.51	7		7		7	
1/4	2,349.53	1/4	1,993.34	1/4	1,635.18	1/4	1,276.26	1/4	925.41	1/4	569.10	1/4	210.03	1/4		1/4		1/4	
1/2	2,342.09	1/2	1,985.93	1/2	1,627.70	1/2	1,268.79	1/2	918.16	1/2	561.62	1/2	202.55	1/2		1/2		1/2	
3/4	2,334.65	3/4	1,978.51	3/4	1,620.22	3/4	1,261.31	3/4	910.91	3/4	554.14	3/4	195.07	3/4		3/4		3/4	
8	2,327.21	8	1,971.10	8	1,612.75	8	1,253.83	8	903.67	8	546.66	8	187.58	8		8		8	
1/4	2,319.77	1/4	1,963.68	1/4	1,605.27	1/4	1,246.35	1/4	896.42	1/4	539.17	1/4	180.10	1/4		1/4		1/4	
1/2	2,312.33	1/2	1,956.27	1/2	1,597.79	1/2	1,238.88	1/2	889.17	1/2	531.69	1/2	172.62	1/2		1/2		1/2	
3/4	2,304.89	3/4	1,948.85	3/4	1,590.32	3/4	1,231.40	3/4	881.92	3/4	524.21	3/4	165.14	3/4		3/4		3/4	
9	2,297.46	9	1,941.44	9	1,582.84	9	1,223.92	9	874.68	9	516.73	9	157.65	9		9		9	
1/4	2,290.02	1/4	1,934.02	1/4	1,575.36	1/4	1,216.45	1/4	867.43	1/4	509.25	1/4	150.17	1/4		1/4		1/4	
1/2	2,282.58	1/2	1,926.61	1/2	1,567.88	1/2	1,208.97	1/2	860.18	1/2	501.77	1/2	142.69	1/2		1/2		1/2	
3/4	2,275.14	3/4	1,919.19	3/4	1,560.41	3/4	1,201.49	3/4	852.93	3/4	494.2842	3/4	135.21	3/4		3/4		3/4	
10	2,267.70	10	1,911.78	10	1,552.93	10	1,194.01	10	845.69	10	486.80	10	127.72	10		10		10	
1/4	2,260.26	1/4	1,904.37	1/4	1,545.45	1/4	1,186.54	1/4	838.44	1/4	479.32	1/4	120.24	1/4		1/4		1/4	
1/2	2,252.85	1/2	1,896.89	1/2	1,537.97	1/2	1,179.27	1/2	830.96	1/2	471.84	1/2	112.75	1/2		1/2		1/2	
3/4	2,245.43	3/4	1,889.41	3/4	1,530.50	3/4	1,172.00	3/4	823.47	3/4	464.36	3/4	105.26	3/4		3/4		3/4	
11	2,238.02	11	1,881.93	11	1,523.02	11	1,164.73	11	815.99	11	456.88	11	97.77	11		11		11	
1/4	2,230.60	1/4	1,874.46	1/4	1,515.54	1/4	1,157.47	1/4	808.51	1/4	449.40	1/4	90.29	1/4		1/4		1/4	
1/2	2,223.19	1/2	1,866.98	1/2	1,508.06	1/2	1,150.20	1/2	801.03	1/2	441.92	1/2	82.79	1/2		1/2		1/2	
3/4	2,215.77	3/4	1,859.50	3/4	1,500.59	3/4	1,142.93	3/4	793.55	3/4	434.44	3/4	75.30	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 CL
CALCULATED: 05/16/2014 CL
VERIFIED: 08/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 29158"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-02 1/2"

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.
0	0	0	0	0	0	0	4,597.74	0	4,363.48	0	4,115.79	0	3,867.34	0	3,618.88	0	3,318.21	0	2,959.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,594.45	1/4	4,358.35	1/4	4,110.61	1/4	3,862.16	1/4	3,613.71	1/4	3,310.74	1/4	2,951.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,591.15	1/2	4,353.21	1/2	4,105.44	1/2	3,856.98	1/2	3,608.53	1/2	3,303.28	1/2	2,944.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,587.86	3/4	4,348.08	3/4	4,100.26	3/4	3,851.81	3/4	3,603.36	3/4	3,295.82	3/4	2,936.63
1	1	1	1	1	1	1	4,584.22	1	4,342.92	1	4,095.08	1	3,846.63	1	3,598.18	1	3,288.34	1	2,929.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,580.58	1/4	4,337.76	1/4	4,089.91	1/4	3,841.46	1/4	3,593.00	1/4	3,280.86	1/4	2,921.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,576.94	1/2	4,332.59	1/2	4,084.73	1/2	3,836.28	1/2	3,587.83	1/2	3,273.37	1/2	2,914.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,573.30	3/4	4,327.43	3/4	4,079.56	3/4	3,831.10	3/4	3,582.65	3/4	3,265.89	3/4	2,906.69
2	2	2	2	2	2	2	4,568.35	2	4,322.27	2	4,074.38	2	3,825.93	2	3,577.47	2	3,258.41	2	2,899.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,563.40	1/4	4,317.11	1/4	4,069.20	1/4	3,820.75	1/4	3,572.30	1/4	3,250.92	1/4	2,891.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,558.45	1/2	4,311.95	1/2	4,064.03	1/2	3,815.58	1/2	3,567.12	1/2	3,243.44	1/2	2,884.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,553.50	3/4	4,306.79	3/4	4,058.85	3/4	3,810.40	3/4	3,561.95	3/4	3,235.96	3/4	2,876.74
3	3	3	3	3	3	3	4,548.36	3	4,301.62	3	4,053.68	3	3,805.22	3	3,556.80	3	3,228.48	3	2,869.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,543.22	1/4	4,296.46	1/4	4,048.50	1/4	3,800.05	1/4	3,551.64	1/4	3,220.99	1/4	2,861.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,538.09	1/2	4,291.30	1/2	4,043.32	1/2	3,794.87	1/2	3,546.49	1/2	3,213.51	1/2	2,854.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,532.95	3/4	4,286.14	3/4	4,038.15	3/4	3,789.69	3/4	3,541.34	3/4	3,206.03	3/4	2,846.80
4	4	4	4	4	4	4	4,527.81	4	4,280.98	4	4,032.97	4	3,784.52	4	3,536.19	4	3,198.54	4	2,839.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,522.67	1/4	4,275.82	1/4	4,027.80	1/4	3,779.34	1/4	3,531.04	1/4	3,191.06	1/4	2,831.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,517.54	1/2	4,270.65	1/2	4,022.62	1/2	3,774.17	1/2	3,525.89	1/2	3,183.58	1/2	2,824.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,512.40	3/4	4,265.49	3/4	4,017.44	3/4	3,768.99	3/4	3,520.74	3/4	3,176.10	3/4	2,816.86
5	5	5	5	5	5	5	4,507.26	5	4,260.33	5	4,012.27	5	3,763.81	5	3,515.59	5	3,168.61	5	2,809.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,502.13	1/4	4,255.17	1/4	4,007.09	1/4	3,758.64	1/4	3,510.44	1/4	3,161.13	1/4	2,801.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,496.99	1/2	4,250.01	1/2	4,001.91	1/2	3,753.46	1/2	3,505.29	1/2	3,153.65	1/2	2,794.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,491.85	3/4	4,244.85	3/4	3,996.74	3/4	3,748.29	3/4	3,500.13	3/4	3,146.16	3/4	2,786.92
6	6	6	6	6	6	6	4,486.72	6	4,239.68	6	3,991.56	6	3,743.11	6	3,493.83	6	3,138.68	6	2,779.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,481.58	1/4	4,234.52	1/4	3,986.39	1/4	3,737.93	1/4	3,487.52	1/4	3,131.20	1/4	2,771.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,476.44	1/2	4,229.36	1/2	3,981.21	1/2	3,732.76	1/2	3,481.22	1/2	3,123.72	1/2	2,764.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,471.31	3/4	4,224.20	3/4	3,976.03	3/4	3,727.58	3/4	3,474.91	3/4	3,116.23	3/4	2,756.98
7	7	7	7	7	7	7	4,466.17	7	4,219.04	7	3,970.86	7	3,722.41	7	3,467.45	7	3,108.75	7	2,749.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,461.04	1/4	4,213.88	1/4	3,965.68	1/4	3,717.23	1/4	3,459.98	1/4	3,101.27	1/4	2,742.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,455.90	1/2	4,208.71	1/2	3,960.51	1/2	3,712.05	1/2	3,452.52	1/2	3,093.79	1/2	2,734.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,450.77	3/4	4,203.55	3/4	3,955.33	3/4	3,706.88	3/4	3,445.06	3/4	3,086.30	3/4	2,727.04
8	8	8	8	8	8	8	4,445.63	8	4,198.39	8	3,950.15	8	3,701.70	8	3,437.60	8	3,078.82	8	2,719.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,440.50	1/4	4,193.23	1/4	3,944.98	1/4	3,696.52	1/4	3,430.14	1/4	3,071.34	1/4	2,712.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,435.36	1/2	4,188.07	1/2	3,939.80	1/2	3,691.35	1/2	3,422.67	1/2	3,063.85	1/2	2,704.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,430.23	3/4	4,182.91	3/4	3,934.63	3/4	3,686.17	3/4	3,415.21	3/4	3,056.37	3/4	2,697.10
9	9	9	9	9	9	9	4,425.10	9	4,177.74	9	3,929.45	9	3,681.00	9	3,407.75	9	3,048.89	9	2,689.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,419.96	1/4	4,172.58	1/4	3,924.27	1/4	3,675.82	1/4	3,400.29	1/4	3,041.41	1/4	2,682.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,414.83	1/2	4,167.42	1/2	3,919.10	1/2	3,670.64	1/2	3,392.83	1/2	3,033.92	1/2	2,674.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,409.69	3/4	4,162.26	3/4	3,913.92	3/4	3,665.47	3/4	3,385.36	3/4	3,026.44	3/4	2,667.16
10	10	10	10	10	10	10	4,404.56	10	4,157.10	10	3,908.75	10	3,660.29	10	3,377.90	10	3,018.96	10	2,659.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,399.42	1/4	4,151.94	1/4	3,903.57	1/4	3,655.12	1/4	3,370.44	1/4	3,011.47	1/4	2,652.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,394.29	1/2	4,146.77	1/2	3,898.39	1/2	3,649.94	1/2	3,362.98	1/2	3,003.99	1/2	2,644.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,389.16	3/4	4,141.61	3/4	3,893.22	3/4	3,644.76	3/4	3,355.52	3/4	2,996.51	3/4	2,637.21
11	11	11	11	11	11	11	4,384.02	11	4,136.45	11	3,888.04	11	3,639.59	11	3,348.05	11	2,989.02	11	2,629.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,378.89	1/4	4,131.29	1/4	3,882.86	1/4	3,634.41	1/4	3,340.59	1/4	2,981.54	1/4	2,622.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,373.75	1/2	4,126.13	1/2	3,877.69	1/2	3,629.24	1/2	3,333.13	1/2	2,974.05	1/2	2,614.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,601.04	3/4	4,368.62	3/4	4,120.97	3/4	3,872.51	3/4	3,624.06	3/4	3,325.67	3/4	2,607.24

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 29158"

3 STBD ULLAGE TABLE HERMETIC

CONTAINS 1000 BARRELS OF 42 U.S. GALLONS

FORMERLY: SMI 30065

GAUGE HEIGHT: 17'-02 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	2,599.75	0	2,240.10	0	1,880.45	0	1,520.80	0	1,161.15	0	802.06	0	442.42	0	82.78	0		0	
1/4	2,592.26	1/4	2,232.61	1/4	1,872.96	1/4	1,513.31	1/4	1,153.66	1/4	794.57	1/4	434.93	1/4	75.29	1/4		1/4	
1/2	2,584.77	1/2	2,225.12	1/2	1,865.47	1/2	1,505.82	1/2	1,146.17	1/2	787.08	1/2	427.44	1/2	67.80	1/2		1/2	
3/4	2,577.27	3/4	2,217.62	3/4	1,857.97	3/4	1,498.32	3/4	1,138.67	3/4	779.58	3/4	419.94	3/4	60.30	3/4		3/4	
1	2,569.78	1	2,210.13	1	1,850.48	1	1,490.83	1	1,131.19	1	772.09	1	412.45	1	53.75	1		1	
1/4	2,562.29	1/4	2,202.64	1/4	1,842.99	1/4	1,483.34	1/4	1,123.70	1/4	764.60	1/4	404.96	1/4	47.19	1/4		1/4	
1/2	2,554.79	1/2	2,195.15	1/2	1,835.50	1/2	1,475.85	1/2	1,116.22	1/2	757.11	1/2	397.47	1/2	40.64	1/2		1/2	
3/4	2,547.30	3/4	2,187.65	3/4	1,828.00	3/4	1,468.35	3/4	1,108.73	3/4	749.61	3/4	389.97	3/4	34.08	3/4		3/4	
2	2,539.81	2	2,180.16	2	1,820.51	2	1,460.86	2	1,101.25	2	742.12	2	382.48	2	29.40	2		2	
1/4	2,532.32	1/4	2,172.67	1/4	1,813.02	1/4	1,453.37	1/4	1,093.76	1/4	734.63	1/4	374.99	1/4	24.72	1/4		1/4	
1/2	2,524.82	1/2	2,165.17	1/2	1,805.52	1/2	1,445.88	1/2	1,086.28	1/2	727.14	1/2	367.50	1/2	20.03	1/2		1/2	
3/4	2,517.33	3/4	2,157.68	3/4	1,798.03	3/4	1,438.38	3/4	1,078.80	3/4	719.64	3/4	360.00	3/4		3/4		3/4	
3	2,509.84	3	2,150.19	3	1,790.54	3	1,430.89	3	1,071.32	3	712.15	3	352.51	3		3		3	
1/4	2,502.35	1/4	2,142.70	1/4	1,783.05	1/4	1,423.40	1/4	1,063.84	1/4	704.66	1/4	345.02	1/4		1/4		1/4	
1/2	2,494.85	1/2	2,135.20	1/2	1,775.55	1/2	1,415.90	1/2	1,056.36	1/2	697.17	1/2	337.53	1/2		1/2		1/2	
3/4	2,487.36	3/4	2,127.71	3/4	1,768.06	3/4	1,408.41	3/4	1,048.89	3/4	689.67	3/4	330.03	3/4		3/4		3/4	
4	2,479.87	4	2,120.22	4	1,760.57	4	1,400.92	4	1,041.41	4	682.18	4	322.54	4		4		4	
1/4	2,472.37	1/4	2,112.73	1/4	1,753.08	1/4	1,393.43	1/4	1,033.93	1/4	674.69	1/4	315.05	1/4		1/4		1/4	
1/2	2,464.88	1/2	2,105.23	1/2	1,745.58	1/2	1,385.93	1/2	1,026.45	1/2	667.20	1/2	307.56	1/2		1/2		1/2	
3/4	2,457.39	3/4	2,097.74	3/4	1,738.09	3/4	1,378.44	3/4	1,018.98	3/4	659.70	3/4	300.06	3/4		3/4		3/4	
5	2,449.90	5	2,090.25	5	1,730.60	5	1,370.95	5	1,011.50	5	652.21	5	292.57	5		5		5	
1/4	2,442.40	1/4	2,082.75	1/4	1,723.10	1/4	1,363.46	1/4	1,004.02	1/4	644.72	1/4	285.08	1/4		1/4		1/4	
1/2	2,434.91	1/2	2,075.26	1/2	1,715.61	1/2	1,355.96	1/2	996.55	1/2	637.23	1/2	277.59	1/2		1/2		1/2	
3/4	2,427.42	3/4	2,067.77	3/4	1,708.12	3/4	1,348.47	3/4	989.07	3/4	629.73	3/4	270.09	3/4		3/4		3/4	
6	2,419.93	6	2,060.28	6	1,700.63	6	1,340.98	6	981.59	6	622.24	6	262.60	6		6		6	
1/4	2,412.43	1/4	2,052.78	1/4	1,693.13	1/4	1,333.48	1/4	974.11	1/4	614.75	1/4	255.11	1/4		1/4		1/4	
1/2	2,404.94	1/2	2,045.29	1/2	1,685.64	1/2	1,325.99	1/2	966.64	1/2	607.26	1/2	247.62	1/2		1/2		1/2	
3/4	2,397.45	3/4	2,037.80	3/4	1,678.15	3/4	1,318.50	3/4	959.16	3/4	599.76	3/4	240.12	3/4		3/4		3/4	
7	2,389.96	7	2,030.31	7	1,670.66	7	1,311.01	7	951.68	7	592.27	7	232.63	7		7		7	
1/4	2,382.46	1/4	2,022.81	1/4	1,663.16	1/4	1,303.51	1/4	944.21	1/4	584.78	1/4	225.14	1/4		1/4		1/4	
1/2	2,374.97	1/2	2,015.32	1/2	1,655.67	1/2	1,296.02	1/2	936.73	1/2	577.29	1/2	217.65	1/2		1/2		1/2	
3/4	2,367.48	3/4	2,007.83	3/4	1,648.18	3/4	1,288.53	3/4	929.25	3/4	569.79	3/4	210.15	3/4		3/4		3/4	
8	2,359.98	8	2,000.33	8	1,640.69	8	1,281.04	8	921.77	8	562.30	8	202.66	8		8		8	
1/4	2,352.49	1/4	1,992.84	1/4	1,633.19	1/4	1,273.54	1/4	914.30	1/4	554.81	1/4	195.17	1/4		1/4		1/4	
1/2	2,345.00	1/2	1,985.35	1/2	1,625.70	1/2	1,266.05	1/2	906.82	1/2	547.32	1/2	187.68	1/2		1/2		1/2	
3/4	2,337.51	3/4	1,977.86	3/4	1,618.21	3/4	1,258.56	3/4	899.34	3/4	539.82	3/4	180.18	3/4		3/4		3/4	
9	2,330.01	9	1,970.36	9	1,610.71	9	1,251.06	9	891.87	9	532.33	9	172.69	9		9		9	
1/4	2,322.52	1/4	1,962.87	1/4	1,603.22	1/4	1,243.57	1/4	884.39	1/4	524.84	1/4	165.20	1/4		1/4		1/4	
1/2	2,315.03	1/2	1,955.38	1/2	1,595.73	1/2	1,236.08	1/2	876.91	1/2	517.35	1/2	157.71	1/2		1/2		1/2	
3/4	2,307.54	3/4	1,947.89	3/4	1,588.24	3/4	1,228.59	3/4	869.43	3/4	509.8547	3/4	150.21	3/4		3/4		3/4	
10	2,300.04	10	1,940.39	10	1,580.74	10	1,221.09	10	861.96	10	502.36	10	142.72	10		10		10	
1/4	2,292.55	1/4	1,932.90	1/4	1,573.25	1/4	1,213.60	1/4	854.48	1/4	494.87	1/4	135.23	1/4		1/4		1/4	
1/2	2,285.06	1/2	1,925.41	1/2	1,565.76	1/2	1,206.11	1/2	847.00	1/2	487.38	1/2	127.74	1/2		1/2		1/2	
3/4	2,277.56	3/4	1,917.92	3/4	1,558.27	3/4	1,198.62	3/4	839.52	3/4	479.88	3/4	120.24	3/4		3/4		3/4	
11	2,270.07	11	1,910.42	11	1,550.77	11	1,191.12	11	832.03	11	472.39	11	112.75	11		11		11	
1/4	2,262.58	1/4	1,902.93	1/4	1,543.28	1/4	1,183.63	1/4	824.54	1/4	464.90	1/4	105.26	1/4		1/4		1/4	
1/2	2,255.09	1/2	1,895.44	1/2	1,535.79	1/2	1,176.14	1/2	817.05	1/2	457.41	1/2	97.77	1/2		1/2		1/2	
3/4	2,247.59	3/4	1,887.94	3/4	1,528.29	3/4	1,168.65	3/4	809.55	3/4	449.91	3/4	90.27	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/16/2014 CL
CALCULATED: 05/16/2014 CL
VERIFIED: 08/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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