



BARGE "MMLP 335"

INNAGE (10" HATCH)
FORMERLY "SMS 30067"

	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	02-0/8	- 02-0/8	04-0/8	- 04-0/8	06-1/8	- 06-1/8	08-1/8	- 08-1/8	10-1/8	- 10-1/8	12-1/8	- 12-1/8
1 STBD	02-0/8	- 02-0/8	04-0/8	- 04-0/8	06-1/8	- 06-1/8	08-1/8	- 08-1/8	10-1/8	- 10-1/8	12-1/8	- 12-1/8
2 PORT	02-0/8	- 02-0/8	04-1/8	- 04-1/8	06-1/8	- 06-1/8	08-1/8	- 08-1/8	10-1/8	- 10-1/8	12-1/4	- 12-1/4
2 STBD	02-0/8	- 02-0/8	04-1/8	- 04-1/8	06-1/8	- 06-1/8	08-1/8	- 08-1/8	10-1/4	- 10-1/4	12-1/4	- 12-1/4
3 PORT	- 02-0/8	02-0/8	- 04-0/8	04-0/8	- 06-1/8	06-1/8	- 08-1/8	08-1/8	- 10-1/8	10-1/8	- 12-1/8	12-1/8
3 STBD	- 02-0/8	02-0/8	- 04-0/8	04-0/8	- 06-1/8	06-1/8	- 08-1/8	08-1/8	- 10-1/8	10-1/8	- 12-1/8	12-1/8

(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 - 08-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-03 7/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

February 20, 2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MMLP 335"

1 PORT INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

Table with columns for depth (IN) and capacity (0 FT. to 9 FT.) for various hatch heights.

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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





BARGE "MMLP 335"

1 PORT INNAGE TABLE 10" HATCH GAUGE HEIGHT 17'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	3,467.20	0	3,824.87	0	4,181.98	0	4,538.61	0	4,893.92	0		0		0		0		0	
1/4	3,474.65	1/4	3,832.32	1/4	4,189.41	1/4	4,546.04	1/4	4,901.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,482.10	1/2	3,839.77	1/2	4,196.84	1/2	4,553.47	1/2	4,908.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,489.55	3/4	3,847.22	3/4	4,204.27	3/4	4,560.90	3/4	4,915.97	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,497.00	1	3,854.67	1	4,211.70	1	4,568.33	1	4,923.32	1	1	1	1	1	1	1	1	1	1
1/4	3,504.45	1/4	3,862.13	1/4	4,219.13	1/4	4,575.76	1/4	4,930.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,511.90	1/2	3,869.58	1/2	4,226.56	1/2	4,583.19	1/2	4,937.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,519.36	3/4	3,877.03	3/4	4,233.99	3/4	4,590.62	3/4	4,945.27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,526.81	2	3,884.48	2	4,241.42	2	4,598.05	2	4,952.58	2	2	2	2	2	2	2	2	2	2
1/4	3,534.26	1/4	3,891.93	1/4	4,248.85	1/4	4,605.48	1/4	4,959.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,541.71	1/2	3,899.38	1/2	4,256.28	1/2	4,612.91	1/2	4,966.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,549.16	3/4	3,906.83	3/4	4,263.71	3/4	4,620.34	3/4	4,973.15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,556.61	3	3,914.29	3	4,271.14	3	4,627.77	3	4,980.01	3	3	3	3	3	3	3	3	3	3
1/4	3,564.07	1/4	3,921.74	1/4	4,278.57	1/4	4,635.20	1/4	4,985.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,571.52	1/2	3,929.19	1/2	4,286.00	1/2	4,642.63	1/2	4,991.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,578.97	3/4	3,936.64	3/4	4,293.43	3/4	4,650.06	3/4	4,997.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,586.42	4	3,944.09	4	4,300.86	4	4,657.49	4	5,003.23	4	4	4	4	4	4	4	4	4	4
1/4	3,593.87	1/4	3,951.54	1/4	4,308.29	1/4	4,664.92	1/4	5,007.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,601.32	1/2	3,958.99	1/2	4,315.72	1/2	4,672.35	1/2	5,012.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,608.77	3/4	3,966.45	3/4	4,323.15	3/4	4,679.78	3/4	5,016.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,616.23	5	3,973.90	5	4,330.58	5	4,687.21	5	5,021.48	5	5	5	5	5	5	5	5	5	5
1/4	3,623.68	1/4	3,981.34	1/4	4,338.01	1/4	4,694.64	1/4	5,024.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,631.13	1/2	3,988.78	1/2	4,345.44	1/2	4,702.07	1/2	5,028.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,638.58	3/4	3,996.22	3/4	4,352.87	3/4	4,709.50	3/4	5,031.45	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,646.03	6	4,003.67	6	4,360.30	6	4,716.93	6	5,034.77	6	6	6	6	6	6	6	6	6	6
1/4	3,653.48	1/4	4,011.10	1/4	4,367.73	1/4	4,724.36	1/4	5,036.84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,660.93	1/2	4,018.53	1/2	4,375.16	1/2	4,731.79	1/2	5,038.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,668.39	3/4	4,025.96	3/4	4,382.59	3/4	4,739.22	3/4	5,041.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,675.84	7	4,033.39	7	4,390.02	7	4,746.65	7	5,043.08	7	7	7	7	7	7	7	7	7	7
1/4	3,683.29	1/4	4,040.82	1/4	4,397.45	1/4	4,754.04	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,690.74	1/2	4,048.24	1/2	4,404.88	1/2	4,761.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,698.19	3/4	4,055.67	3/4	4,412.31	3/4	4,768.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,705.64	8	4,063.10	8	4,419.73	8	4,776.22	8		8	8	8	8	8	8	8	8	8	8
1/4	3,713.10	1/4	4,070.53	1/4	4,427.16	1/4	4,783.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,720.55	1/2	4,077.96	1/2	4,434.59	1/2	4,790.93	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,728.00	3/4	4,085.39	3/4	4,442.02	3/4	4,798.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,735.45	9	4,092.82	9	4,449.45	9	4,805.64	9		9	9	9	9	9	9	9	9	9	9
1/4	3,742.90	1/4	4,100.25	1/4	4,456.88	1/4	4,813.00	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,750.35	1/2	4,107.68	1/2	4,464.31	1/2	4,820.36	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,757.80	3/4	4,115.11	3/4	4,471.74	3/4	4,827.71	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,765.26	10	4,122.54	10	4,479.17	10	4,835.07	10		10	10	10	10	10	10	10	10	10	10
1/4	3,772.71	1/4	4,129.97	1/4	4,486.60	1/4	4,842.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,780.16	1/2	4,137.40	1/2	4,494.03	1/2	4,849.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,787.61	3/4	4,144.83	3/4	4,501.46	3/4	4,857.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,795.06	11	4,152.26	11	4,508.89	11	4,864.50	11		11	11	11	11	11	11	11	11	11	11
1/4	3,802.51	1/4	4,159.69	1/4	4,516.32	1/4	4,871.85	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,809.96	1/2	4,167.12	1/2	4,523.75	1/2	4,879.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,817.42	3/4	4,174.55	3/4	4,531.18	3/4	4,886.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2019 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019



BARGE "MMLP 335"

1 STBD INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-07 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

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	2.23	0	262.73	0	607.81	0	965.27	0	1,322.85	0	1,680.63	0	2,038.40	0	2,396.17	0	2,753.88	0	3,111.56
1/4	4.09	1/4	269.48	1/4	615.26	1/4	972.71	1/4	1,330.31	1/4	1,688.08	1/4	2,045.85	1/4	2,403.63	1/4	2,761.34	1/4	3,119.01
1/2	5.96	1/2	276.24	1/2	622.72	1/2	980.15	1/2	1,337.76	1/2	1,695.53	1/2	2,053.31	1/2	2,411.08	1/2	2,768.79	1/2	3,126.46
3/4	7.82	3/4	282.99	3/4	630.17	3/4	987.59	3/4	1,345.21	3/4	1,702.99	3/4	2,060.76	3/4	2,418.53	3/4	2,776.24	3/4	3,133.91
1	9.68	1	289.74	1	637.63	1	995.03	1	1,352.67	1	1,710.44	1	2,068.21	1	2,425.99	1	2,783.69	1	3,141.36
1/4	12.60	1/4	296.58	1/4	645.08	1/4	1,002.47	1/4	1,360.12	1/4	1,717.89	1/4	2,075.67	1/4	2,433.44	1/4	2,791.14	1/4	3,148.81
1/2	15.52	1/2	303.43	1/2	652.53	1/2	1,009.91	1/2	1,367.58	1/2	1,725.35	1/2	2,083.12	1/2	2,440.89	1/2	2,798.59	1/2	3,156.26
3/4	18.43	3/4	310.27	3/4	659.99	3/4	1,017.35	3/4	1,375.03	3/4	1,732.80	3/4	2,090.57	3/4	2,448.35	3/4	2,806.04	3/4	3,163.72
2	21.35	2	317.11	2	667.44	2	1,024.79	2	1,382.48	2	1,740.26	2	2,098.03	2	2,455.80	2	2,813.50	2	3,171.17
1/4	25.37	1/4	324.04	1/4	674.89	1/4	1,032.23	1/4	1,389.94	1/4	1,747.71	1/4	2,105.48	1/4	2,463.25	1/4	2,820.95	1/4	3,178.62
1/2	29.38	1/2	330.96	1/2	682.35	1/2	1,039.67	1/2	1,397.39	1/2	1,755.16	1/2	2,112.94	1/2	2,470.71	1/2	2,828.40	1/2	3,186.07
3/4	33.39	3/4	337.89	3/4	689.80	3/4	1,047.12	3/4	1,404.84	3/4	1,762.62	3/4	2,120.39	3/4	2,478.16	3/4	2,835.85	3/4	3,193.52
3	37.41	3	344.82	3	697.25	3	1,054.56	3	1,412.30	3	1,770.07	3	2,127.84	3	2,485.62	3	2,843.30	3	3,200.97
1/4	42.89	1/4	351.84	1/4	704.71	1/4	1,062.01	1/4	1,419.75	1/4	1,777.52	1/4	2,135.30	1/4	2,493.07	1/4	2,850.75	1/4	3,208.43
1/2	48.37	1/2	358.85	1/2	712.16	1/2	1,069.45	1/2	1,427.20	1/2	1,784.98	1/2	2,142.75	1/2	2,500.52	1/2	2,858.20	1/2	3,215.88
3/4	53.85	3/4	365.87	3/4	719.61	3/4	1,076.90	3/4	1,434.66	3/4	1,792.43	3/4	2,150.20	3/4	2,507.98	3/4	2,865.66	3/4	3,223.33
4	59.34	4	372.89	4	727.07	4	1,084.35	4	1,442.11	4	1,799.88	4	2,157.66	4	2,515.43	4	2,873.11	4	3,230.78
1/4	65.37	1/4	379.99	1/4	734.52	1/4	1,091.80	1/4	1,449.57	1/4	1,807.34	1/4	2,165.11	1/4	2,522.88	1/4	2,880.56	1/4	3,238.23
1/2	71.40	1/2	387.09	1/2	741.97	1/2	1,099.25	1/2	1,457.02	1/2	1,814.79	1/2	2,172.56	1/2	2,530.34	1/2	2,888.01	1/2	3,245.68
3/4	77.43	3/4	394.20	3/4	749.43	3/4	1,106.70	3/4	1,464.47	3/4	1,822.25	3/4	2,180.02	3/4	2,537.79	3/4	2,895.46	3/4	3,253.13
5	83.46	5	401.30	5	756.88	5	1,114.15	5	1,471.93	5	1,829.70	5	2,187.47	5	2,545.24	5	2,902.91	5	3,260.59
1/4	89.59	1/4	408.49	1/4	764.33	1/4	1,121.61	1/4	1,479.38	1/4	1,837.15	1/4	2,194.93	1/4	2,552.70	1/4	2,910.37	1/4	3,268.04
1/2	95.73	1/2	415.68	1/2	771.79	1/2	1,129.06	1/2	1,486.83	1/2	1,844.61	1/2	2,202.38	1/2	2,560.15	1/2	2,917.82	1/2	3,275.49
3/4	101.86	3/4	422.87	3/4	779.24	3/4	1,136.51	3/4	1,494.29	3/4	1,852.06	3/4	2,209.83	3/4	2,567.60	3/4	2,925.27	3/4	3,282.94
6	108.00	6	430.06	6	786.70	6	1,143.97	6	1,501.74	6	1,859.51	6	2,217.29	6	2,575.06	6	2,932.72	6	3,290.39
1/4	114.22	1/4	437.34	1/4	794.14	1/4	1,151.42	1/4	1,509.19	1/4	1,866.97	1/4	2,224.74	1/4	2,582.51	1/4	2,940.17	1/4	3,297.84
1/2	120.45	1/2	444.62	1/2	801.59	1/2	1,158.87	1/2	1,516.65	1/2	1,874.42	1/2	2,232.19	1/2	2,589.96	1/2	2,947.62	1/2	3,305.29
3/4	126.68	3/4	451.90	3/4	809.04	3/4	1,166.33	3/4	1,524.10	3/4	1,881.87	3/4	2,239.65	3/4	2,597.40	3/4	2,955.07	3/4	3,312.75
7	132.91	7	459.18	7	816.48	7	1,173.78	7	1,531.55	7	1,889.33	7	2,247.10	7	2,604.85	7	2,962.53	7	3,320.20
1/4	139.22	1/4	466.54	1/4	823.92	1/4	1,181.24	1/4	1,539.01	1/4	1,896.78	1/4	2,254.55	1/4	2,612.31	1/4	2,969.98	1/4	3,327.65
1/2	145.54	1/2	473.91	1/2	831.36	1/2	1,188.69	1/2	1,546.46	1/2	1,904.23	1/2	2,262.01	1/2	2,619.76	1/2	2,977.43	1/2	3,335.10
3/4	151.86	3/4	481.28	3/4	838.80	3/4	1,196.14	3/4	1,553.92	3/4	1,911.69	3/4	2,269.46	3/4	2,627.21	3/4	2,984.88	3/4	3,342.55
8	158.17	8	488.64	8	846.24	8	1,203.60	8	1,561.37	8	1,919.14	8	2,276.91	8	2,634.66	8	2,992.33	8	3,350.00
1/4	164.58	1/4	496.07	1/4	853.68	1/4	1,211.05	1/4	1,568.82	1/4	1,926.60	1/4	2,284.37	1/4	2,642.11	1/4	2,999.78	1/4	3,357.46
1/2	170.98	1/2	503.51	1/2	861.12	1/2	1,218.50	1/2	1,576.28	1/2	1,934.05	1/2	2,291.82	1/2	2,649.56	1/2	3,007.23	1/2	3,364.91
3/4	177.38	3/4	510.94	3/4	868.56	3/4	1,225.96	3/4	1,583.73	3/4	1,941.50	3/4	2,299.28	3/4	2,657.01	3/4	3,014.69	3/4	3,372.36
9	183.79	9	518.37	9	876.00	9	1,233.41	9	1,591.18	9	1,948.96	9	2,306.73	9	2,664.47	9	3,022.14	9	3,379.81
1/4	190.28	1/4	525.82	1/4	883.44	1/4	1,240.86	1/4	1,598.64	1/4	1,956.41	1/4	2,314.18	1/4	2,671.92	1/4	3,029.59	1/4	3,387.26
1/2	196.77	1/2	533.28	1/2	890.88	1/2	1,248.32	1/2	1,606.09	1/2	1,963.86	1/2	2,321.64	1/2	2,679.37	1/2	3,037.04	1/2	3,394.71
3/4	203.26	3/4	540.73	3/4	898.32	3/4	1,255.77	3/4	1,613.54	3/4	1,971.32	3/4	2,329.09	3/4	2,686.82	3/4	3,044.49	3/4	3,402.16
10	209.75	10	548.18	10	905.75	10	1,263.23	10	1,621.00	10	1,978.77	10	2,336.54	10	2,694.27	10	3,051.94	10	3,409.62
1/4	216.33	1/4	555.64	1/4	913.19	1/4	1,270.68	1/4	1,628.45	1/4	1,986.22	1/4	2,344.00	1/4	2,701.72	1/4	3,059.40	1/4	3,417.07
1/2	222.91	1/2	563.09	1/2	920.63	1/2	1,278.13	1/2	1,635.91	1/2	1,993.68	1/2	2,351.45	1/2	2,709.17	1/2	3,066.85	1/2	3,424.52
3/4	229.49	3/4	570.54	3/4	928.07	3/4	1,285.59	3/4	1,643.36	3/4	2,001.13	3/4	2,358.90	3/4	2,716.63	3/4	3,074.30	3/4	3,431.97
11	236.07	11	578.00	11	935.51	11	1,293.04	11	1,650.81	11	2,008.59	11	2,366.36	11	2,724.08	11	3,081.75	11	3,439.42
1/4	242.73	1/4	585.45	1/4	942.95	1/4	1,300.49	1/4	1,658.27	1/4	2,016.04	1/4	2,373.81	1/4	2,731.53	1/4	3,089.20	1/4	3,446.87
1/2	249.40	1/2	592.90	1/2	950.39	1/2	1,307.95	1/2	1,665.72	1/2	2,023.49	1/2	2,381.27	1/2	2,738.98	1/2	3,096.65	1/2	3,454.32
3/4	256.06	3/4	600.36	3/4	957.83	3/4	1,315.40	3/4	1,673.17	3/4	2,030.95	3/4	2,388.72	3/4	2,746.43	3/4	3,104.10	3/4	3,461.78

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMLP 335"

1 STBD

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-07 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

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	3,469.23	0	3,826.90	0	4,183.99	0	4,540.62	0	4,895.92	0		0		0		0		0	
1/4	3,476.68	1/4	3,834.35	1/4	4,191.42	1/4	4,548.05	1/4	4,903.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,484.13	1/2	3,841.80	1/2	4,198.85	1/2	4,555.48	1/2	4,910.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,491.58	3/4	3,849.25	3/4	4,206.28	3/4	4,562.91	3/4	4,917.97	3/4		3/4		3/4		3/4		3/4	
1	3,499.03	1	3,856.71	1	4,213.71	1	4,570.34	1	4,925.32	1		1		1		1		1	
1/4	3,506.49	1/4	3,864.16	1/4	4,221.14	1/4	4,577.77	1/4	4,932.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,513.94	1/2	3,871.61	1/2	4,228.57	1/2	4,585.20	1/2	4,939.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,521.39	3/4	3,879.06	3/4	4,236.00	3/4	4,592.63	3/4	4,947.26	3/4		3/4		3/4		3/4		3/4	
2	3,528.84	2	3,886.51	2	4,243.43	2	4,600.06	2	4,954.58	2		2		2		2		2	
1/4	3,536.29	1/4	3,893.96	1/4	4,250.86	1/4	4,607.48	1/4	4,961.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,543.74	1/2	3,901.41	1/2	4,258.29	1/2	4,614.91	1/2	4,968.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,551.19	3/4	3,908.87	3/4	4,265.72	3/4	4,622.34	3/4	4,975.15	3/4		3/4		3/4		3/4		3/4	
3	3,558.65	3	3,916.32	3	4,273.15	3	4,629.77	3	4,982.01	3		3		3		3		3	
1/4	3,566.10	1/4	3,923.77	1/4	4,280.58	1/4	4,637.20	1/4	4,987.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,573.55	1/2	3,931.22	1/2	4,288.01	1/2	4,644.63	1/2	4,993.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,581.00	3/4	3,938.67	3/4	4,295.44	3/4	4,652.06	3/4	4,999.42	3/4		3/4		3/4		3/4		3/4	
4	3,588.45	4	3,946.12	4	4,302.87	4	4,659.49	4	5,005.23	4		4		4		4		4	
1/4	3,595.90	1/4	3,953.58	1/4	4,310.30	1/4	4,666.92	1/4	5,009.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,603.35	1/2	3,961.03	1/2	4,317.73	1/2	4,674.35	1/2	5,014.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,610.81	3/4	3,968.48	3/4	4,325.16	3/4	4,681.78	3/4	5,018.92	3/4		3/4		3/4		3/4		3/4	
5	3,618.26	5	3,975.93	5	4,332.59	5	4,689.21	5	5,023.48	5		5		5		5		5	
1/4	3,625.71	1/4	3,983.37	1/4	4,340.02	1/4	4,696.64	1/4	5,026.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,633.16	1/2	3,990.80	1/2	4,347.45	1/2	4,704.07	1/2	5,030.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,640.61	3/4	3,998.24	3/4	4,354.87	3/4	4,711.50	3/4	5,033.44	3/4		3/4		3/4		3/4		3/4	
6	3,648.06	6	4,005.68	6	4,362.30	6	4,718.93	6	5,036.76	6		6		6		6		6	
1/4	3,655.52	1/4	4,013.11	1/4	4,369.73	1/4	4,726.36	1/4	5,038.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,662.97	1/2	4,020.54	1/2	4,377.16	1/2	4,733.79	1/2	5,040.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,670.42	3/4	4,027.97	3/4	4,384.59	3/4	4,741.22	3/4	5,043.00	3/4		3/4		3/4		3/4		3/4	
7	3,677.87	7	4,035.40	7	4,392.02	7	4,748.65	7	5,045.07	7		7		7		7		7	
1/4	3,685.32	1/4	4,042.83	1/4	4,399.45	1/4	4,756.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,692.77	1/2	4,050.26	1/2	4,406.88	1/2	4,763.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,700.22	3/4	4,057.69	3/4	4,414.31	3/4	4,770.83	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,707.68	8	4,065.12	8	4,421.74	8	4,778.22	8		8		8		8		8		8	
1/4	3,715.13	1/4	4,072.55	1/4	4,429.17	1/4	4,785.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.58	1/2	4,079.98	1/2	4,436.60	1/2	4,792.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,730.03	3/4	4,087.41	3/4	4,444.03	3/4	4,800.29	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,737.48	9	4,094.84	9	4,451.46	9	4,807.64	9		9		9		9		9		9	
1/4	3,744.93	1/4	4,102.27	1/4	4,458.89	1/4	4,815.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,752.38	1/2	4,109.69	1/2	4,466.32	1/2	4,822.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.84	3/4	4,117.12	3/4	4,473.75	3/4	4,829.71	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,767.29	10	4,124.55	10	4,481.18	10	4,837.07	10		10		10		10		10		10	
1/4	3,774.74	1/4	4,131.98	1/4	4,488.61	1/4	4,844.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.19	1/2	4,139.41	1/2	4,496.04	1/2	4,851.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,789.64	3/4	4,146.84	3/4	4,503.47	3/4	4,859.14	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,797.09	11	4,154.27	11	4,510.90	11	4,866.50	11		11		11		11		11		11	
1/4	3,804.55	1/4	4,161.70	1/4	4,518.33	1/4	4,873.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,812.00	1/2	4,169.13	1/2	4,525.76	1/2	4,881.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,819.45	3/4	4,176.56	3/4	4,533.19	3/4	4,888.56	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2019 CL
CALCULATED: 02/21/2019 CL
PRINTED: 02/24/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

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



BARGE "MMLP 335"

2 PORT INNAGE TABLE

10" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

GAUGE HEIGHT 17'-07 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	2.24	0	314.51	0	673.75	0	1,025.12	0	1,377.77	0	1,737.02	0	2,096.26	0	2,455.51	0	2,814.76	0	3,174.00
1/4	4.11	1/4	321.99	1/4	681.24	1/4	1,032.29	1/4	1,385.26	1/4	1,744.50	1/4	2,103.75	1/4	2,463.00	1/4	2,822.24	1/4	3,181.49
1/2	5.98	1/2	329.48	1/2	688.72	1/2	1,039.47	1/2	1,392.74	1/2	1,751.99	1/2	2,111.23	1/2	2,470.48	1/2	2,829.73	1/2	3,188.97
3/4	7.85	3/4	336.96	3/4	696.21	3/4	1,046.65	3/4	1,400.22	3/4	1,759.47	3/4	2,118.72	3/4	2,477.96	3/4	2,837.21	3/4	3,196.46
1	9.72	1	344.44	1	703.69	1	1,053.82	1	1,407.71	1	1,766.96	1	2,126.20	1	2,485.45	1	2,844.69	1	3,203.94
1/4	13.46	1/4	351.93	1/4	711.17	1/4	1,061.00	1/4	1,415.19	1/4	1,774.44	1/4	2,133.69	1/4	2,492.93	1/4	2,852.18	1/4	3,211.43
1/2	17.20	1/2	359.41	1/2	718.66	1/2	1,068.18	1/2	1,422.68	1/2	1,781.92	1/2	2,141.17	1/2	2,500.42	1/2	2,859.66	1/2	3,218.91
3/4	20.95	3/4	366.90	3/4	726.14	3/4	1,075.36	3/4	1,430.16	3/4	1,789.41	3/4	2,148.65	3/4	2,507.90	3/4	2,867.15	3/4	3,226.39
2	24.69	2	374.38	2	733.63	2	1,082.53	2	1,437.65	2	1,796.89	2	2,156.14	2	2,515.39	2	2,874.63	2	3,233.88
1/4	30.30	1/4	381.87	1/4	741.11	1/4	1,089.71	1/4	1,445.13	1/4	1,804.38	1/4	2,163.62	1/4	2,522.87	1/4	2,882.12	1/4	3,241.36
1/2	35.91	1/2	389.35	1/2	748.60	1/2	1,096.90	1/2	1,452.61	1/2	1,811.86	1/2	2,171.11	1/2	2,530.35	1/2	2,889.60	1/2	3,248.85
3/4	41.53	3/4	396.83	3/4	756.08	3/4	1,104.08	3/4	1,460.10	3/4	1,819.35	3/4	2,178.59	3/4	2,537.84	3/4	2,897.08	3/4	3,256.33
3	47.14	3	404.32	3	763.56	3	1,111.26	3	1,467.58	3	1,826.83	3	2,186.08	3	2,545.32	3	2,904.57	3	3,263.82
1/4	54.14	1/4	411.80	1/4	771.05	1/4	1,118.44	1/4	1,475.07	1/4	1,834.31	1/4	2,195.56	1/4	2,552.81	1/4	2,912.05	1/4	3,271.30
1/2	61.13	1/2	419.29	1/2	778.53	1/2	1,125.63	1/2	1,482.55	1/2	1,841.80	1/2	2,201.04	1/2	2,560.29	1/2	2,919.54	1/2	3,278.78
3/4	68.13	3/4	426.77	3/4	786.02	3/4	1,132.82	3/4	1,490.04	3/4	1,849.28	3/4	2,208.53	3/4	2,567.78	3/4	2,927.02	3/4	3,286.27
4	75.13	4	434.26	4	793.50	4	1,140.00	4	1,497.52	4	1,856.77	4	2,216.01	4	2,575.26	4	2,934.51	4	3,293.75
1/4	82.59	1/4	441.74	1/4	800.99	1/4	1,147.20	1/4	1,505.00	1/4	1,864.25	1/4	2,223.50	1/4	2,582.74	1/4	2,941.99	1/4	3,301.24
1/2	90.05	1/2	449.22	1/2	808.47	1/2	1,154.39	1/2	1,512.49	1/2	1,871.74	1/2	2,230.98	1/2	2,590.23	1/2	2,949.47	1/2	3,308.72
3/4	97.51	3/4	456.71	3/4	815.95	3/4	1,161.58	3/4	1,519.97	3/4	1,879.22	3/4	2,238.47	3/4	2,597.71	3/4	2,956.96	3/4	3,316.21
5	104.97	5	464.19	5	823.44	5	1,168.78	5	1,527.46	5	1,886.70	5	2,245.95	5	2,605.20	5	2,964.44	5	3,323.69
1/4	112.45	1/4	471.68	1/4	830.78	1/4	1,176.12	1/4	1,534.94	1/4	1,894.19	1/4	2,253.43	1/4	2,612.68	1/4	2,971.93	1/4	3,331.17
1/2	119.93	1/2	479.16	1/2	838.13	1/2	1,183.46	1/2	1,542.43	1/2	1,901.67	1/2	2,260.92	1/2	2,620.17	1/2	2,979.41	1/2	3,338.66
3/4	127.41	3/4	486.65	3/4	845.47	3/4	1,190.81	3/4	1,549.91	3/4	1,909.16	3/4	2,268.40	3/4	2,627.65	3/4	2,986.90	3/4	3,346.14
6	134.89	6	494.13	6	852.81	6	1,198.15	6	1,557.39	6	1,916.64	6	2,275.89	6	2,635.13	6	2,994.38	6	3,353.63
1/4	142.37	1/4	501.61	1/4	860.00	1/4	1,205.63	1/4	1,564.88	1/4	1,924.13	1/4	2,283.37	1/4	2,642.62	1/4	3,001.86	1/4	3,361.11
1/2	149.85	1/2	509.10	1/2	867.19	1/2	1,213.12	1/2	1,572.36	1/2	1,931.61	1/2	2,290.86	1/2	2,650.10	1/2	3,009.35	1/2	3,368.60
3/4	157.34	3/4	516.58	3/4	874.38	3/4	1,220.60	3/4	1,579.85	3/4	1,939.09	3/4	2,298.34	3/4	2,657.59	3/4	3,016.83	3/4	3,376.08
7	164.82	7	524.07	7	881.57	7	1,228.09	7	1,587.33	7	1,946.58	7	2,305.82	7	2,665.07	7	3,024.32	7	3,383.56
1/4	172.31	1/4	531.55	1/4	888.75	1/4	1,235.57	1/4	1,594.82	1/4	1,954.06	1/4	2,313.31	1/4	2,672.56	1/4	3,031.80	1/4	3,391.05
1/2	179.79	1/2	539.04	1/2	895.93	1/2	1,243.05	1/2	1,602.30	1/2	1,961.55	1/2	2,320.79	1/2	2,680.04	1/2	3,039.29	1/2	3,398.53
3/4	187.27	3/4	546.52	3/4	903.10	3/4	1,250.54	3/4	1,609.79	3/4	1,969.03	3/4	2,328.28	3/4	2,687.52	3/4	3,046.77	3/4	3,406.02
8	194.76	8	554.00	8	910.28	8	1,258.02	8	1,617.27	8	1,976.52	8	2,335.76	8	2,695.01	8	3,054.25	8	3,413.50
1/4	202.24	1/4	561.49	1/4	917.46	1/4	1,265.51	1/4	1,624.75	1/4	1,984.00	1/4	2,343.25	1/4	2,702.49	1/4	3,061.74	1/4	3,420.99
1/2	209.73	1/2	568.97	1/2	924.63	1/2	1,272.99	1/2	1,632.24	1/2	1,991.48	1/2	2,350.73	1/2	2,709.98	1/2	3,069.22	1/2	3,428.47
3/4	217.21	3/4	576.46	3/4	931.81	3/4	1,280.48	3/4	1,639.72	3/4	1,998.97	3/4	2,358.22	3/4	2,717.46	3/4	3,076.71	3/4	3,435.95
9	224.70	9	583.94	9	938.99	9	1,287.96	9	1,647.21	9	2,006.45	9	2,365.70	9	2,724.95	9	3,084.19	9	3,443.44
1/4	232.18	1/4	591.43	1/4	946.17	1/4	1,295.44	1/4	1,654.69	1/4	2,013.94	1/4	2,373.18	1/4	2,732.43	1/4	3,091.68	1/4	3,450.92
1/2	239.66	1/2	598.91	1/2	953.34	1/2	1,302.93	1/2	1,662.18	1/2	2,021.42	1/2	2,380.67	1/2	2,739.91	1/2	3,099.16	1/2	3,458.41
3/4	247.15	3/4	606.39	3/4	960.52	3/4	1,310.41	3/4	1,669.66	3/4	2,028.91	3/4	2,388.15	3/4	2,747.40	3/4	3,106.65	3/4	3,465.89
10	254.63	10	613.88	10	967.70	10	1,317.90	10	1,677.14	10	2,036.39	10	2,395.64	10	2,754.88	10	3,114.13	10	3,473.38
1/4	262.12	1/4	621.36	1/4	974.87	1/4	1,325.38	1/4	1,684.63	1/4	2,043.87	1/4	2,403.12	1/4	2,762.37	1/4	3,121.61	1/4	3,480.86
1/2	269.60	1/2	628.85	1/2	982.05	1/2	1,332.87	1/2	1,692.11	1/2	2,051.36	1/2	2,410.61	1/2	2,769.85	1/2	3,129.10	1/2	3,488.34
3/4	277.09	3/4	636.33	3/4	989.23	3/4	1,340.35	3/4	1,699.60	3/4	2,058.84	3/4	2,418.09	3/4	2,777.34	3/4	3,136.58	3/4	3,495.83
11	284.57	11	643.82	11	996.41	11	1,347.83	11	1,707.08	11	2,066.33	11	2,425.57	11	2,784.82	11	3,144.07	11	3,503.31
1/4	292.05	1/4	651.30	1/4	1,003.58	1/4	1,355.32	1/4	1,714.57	1/4	2,073.81	1/4	2,433.06	1/4	2,792.30	1/4	3,151.55	1/4	3,510.80
1/2	299.54	1/2	658.78	1/2	1,010.76	1/2	1,362.80	1/2	1,722.05	1/2	2,081.30	1/2	2,440.54	1/2	2,799.79	1/2	3,159.04	1/2	3,518.28
3/4	307.02	3/4	666.27	3/4	1,017.94	3/4	1,370.29	3/4	1,729.53	3/4	2,088.78	3/4	2,448.03	3/4	2,807.27	3/4	3,166.52	3/4	3,525.77

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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





BARGE "MMLP 335"

2 PORT

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-07 1/4"

FORMERLY "SMS 30067"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,533.25	0	3,892.50	0	4,251.19	0	4,609.39	0	4,966.40	0		0		0		0		0	
1/4	3,540.73	1/4	3,899.98	1/4	4,258.65	1/4	4,616.86	1/4	4,973.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,548.22	1/2	3,907.47	1/2	4,266.11	1/2	4,624.32	1/2	4,981.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,555.70	3/4	3,914.95	3/4	4,273.58	3/4	4,631.78	3/4	4,988.56	3/4		3/4		3/4		3/4		3/4	
1	3,563.19	1	3,922.43	1	4,281.04	1	4,639.24	1	4,995.94	1		1		1		1		1	
1/4	3,570.67	1/4	3,929.92	1/4	4,288.50	1/4	4,646.71	1/4	5,003.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,578.16	1/2	3,937.40	1/2	4,295.96	1/2	4,654.17	1/2	5,010.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,585.64	3/4	3,944.89	3/4	4,303.43	3/4	4,661.63	3/4	5,018.01	3/4		3/4		3/4		3/4		3/4	
2	3,593.12	2	3,952.37	2	4,310.89	2	4,669.09	2	5,025.36	2		2		2		2		2	
1/4	3,600.61	1/4	3,959.86	1/4	4,318.35	1/4	4,676.56	1/4	5,032.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.09	1/2	3,967.34	1/2	4,325.81	1/2	4,684.02	1/2	5,039.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.58	3/4	3,974.82	3/4	4,333.28	3/4	4,691.48	3/4	5,046.04	3/4		3/4		3/4		3/4		3/4	
3	3,623.06	3	3,982.31	3	4,340.74	3	4,698.94	3	5,052.93	3		3		3		3		3	
1/4	3,630.55	1/4	3,989.79	1/4	4,348.20	1/4	4,706.41	1/4	5,058.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,638.03	1/2	3,997.28	1/2	4,355.66	1/2	4,713.87	1/2	5,064.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,645.51	3/4	4,004.76	3/4	4,363.13	3/4	4,721.33	3/4	5,070.44	3/4		3/4		3/4		3/4		3/4	
4	3,653.00	4	4,012.25	4	4,370.59	4	4,728.79	4	5,076.28	4		4		4		4		4	
1/4	3,660.48	1/4	4,019.73	1/4	4,378.05	1/4	4,736.26	1/4	5,080.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,667.97	1/2	4,027.21	1/2	4,385.51	1/2	4,743.72	1/2	5,085.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.45	3/4	4,034.70	3/4	4,392.98	3/4	4,751.18	3/4	5,090.05	3/4		3/4		3/4		3/4		3/4	
5	3,682.94	5	4,042.18	5	4,400.44	5	4,758.64	5	5,094.64	5		5		5		5		5	
1/4	3,690.42	1/4	4,049.66	1/4	4,407.90	1/4	4,766.11	1/4	5,097.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,697.90	1/2	4,057.13	1/2	4,415.37	1/2	4,773.57	1/2	5,101.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,705.39	3/4	4,064.61	3/4	4,422.83	3/4	4,781.03	3/4	5,104.66	3/4		3/4		3/4		3/4		3/4	
6	3,712.87	6	4,072.09	6	4,430.29	6	4,788.50	6	5,108.01	6		6		6		6		6	
1/4	3,720.36	1/4	4,079.55	1/4	4,437.75	1/4	4,795.96	1/4	5,110.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,727.84	1/2	4,087.01	1/2	4,445.22	1/2	4,803.42	1/2	5,112.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,735.33	3/4	4,094.47	3/4	4,452.68	3/4	4,810.88	3/4	5,114.29	3/4		3/4		3/4		3/4		3/4	
7	3,742.81	7	4,101.94	7	4,460.14	7	4,818.35	7	5,116.39	7		7		7		7		7	
1/4	3,750.29	1/4	4,109.40	1/4	4,467.60	1/4	4,825.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.78	1/2	4,116.86	1/2	4,475.07	1/2	4,833.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.26	3/4	4,124.32	3/4	4,482.53	3/4	4,840.63	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,772.75	8	4,131.79	8	4,489.99	8	4,848.06	8		8		8		8		8		8	
1/4	3,780.23	1/4	4,139.25	1/4	4,497.45	1/4	4,855.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,787.72	1/2	4,146.71	1/2	4,504.92	1/2	4,862.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,795.20	3/4	4,154.17	3/4	4,512.38	3/4	4,870.25	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,802.68	9	4,161.64	9	4,519.84	9	4,877.65	9		9		9		9		9		9	
1/4	3,810.17	1/4	4,169.10	1/4	4,527.30	1/4	4,885.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.65	1/2	4,176.56	1/2	4,534.77	1/2	4,892.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,825.14	3/4	4,184.02	3/4	4,542.23	3/4	4,899.84	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,832.62	10	4,191.49	10	4,549.69	10	4,907.23	10		10		10		10		10		10	
1/4	3,840.11	1/4	4,198.95	1/4	4,557.15	1/4	4,914.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,847.59	1/2	4,206.41	1/2	4,564.62	1/2	4,922.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,855.08	3/4	4,213.88	3/4	4,572.08	3/4	4,929.42	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,862.56	11	4,221.34	11	4,579.54	11	4,936.82	11		11		11		11		11		11	
1/4	3,870.04	1/4	4,228.80	1/4	4,587.01	1/4	4,944.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,877.53	1/2	4,236.26	1/2	4,594.47	1/2	4,951.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,885.01	3/4	4,243.73	3/4	4,601.93	3/4	4,959.00	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2019 CL
CALCULATED: 02/21/2019 CL
PRINTED: 02/24/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "MMLP 335"

2 STBD INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

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	2.24	0	314.47	0	673.67	0	1,032.56	0	1,391.58	0	1,750.78	0	2,109.99	0	2,469.19	0	2,828.35	0	3,187.45
1/4	4.11	1/4	321.95	1/4	681.16	1/4	1,040.03	1/4	1,399.06	1/4	1,758.27	1/4	2,117.47	1/4	2,476.67	1/4	2,835.83	1/4	3,194.93
1/2	5.98	1/2	329.44	1/2	688.64	1/2	1,047.50	1/2	1,406.55	1/2	1,765.75	1/2	2,124.95	1/2	2,484.16	1/2	2,843.31	1/2	3,202.41
3/4	7.85	3/4	336.92	3/4	696.12	3/4	1,054.97	3/4	1,414.03	3/4	1,773.23	3/4	2,132.44	3/4	2,491.64	3/4	2,850.79	3/4	3,209.89
1	9.72	1	344.40	1	703.61	1	1,062.44	1	1,421.51	1	1,780.72	1	2,139.92	1	2,499.12	1	2,858.27	1	3,217.37
1/4	13.46	1/4	351.89	1/4	711.09	1/4	1,069.91	1/4	1,429.00	1/4	1,788.20	1/4	2,147.40	1/4	2,506.61	1/4	2,865.75	1/4	3,224.86
1/2	17.20	1/2	359.37	1/2	718.57	1/2	1,077.38	1/2	1,436.48	1/2	1,795.68	1/2	2,154.89	1/2	2,514.09	1/2	2,873.24	1/2	3,232.34
3/4	20.94	3/4	366.85	3/4	726.06	3/4	1,084.85	3/4	1,443.96	3/4	1,803.17	3/4	2,162.37	3/4	2,521.57	3/4	2,880.72	3/4	3,239.82
2	24.69	2	374.34	2	733.54	2	1,092.32	2	1,451.45	2	1,810.65	2	2,169.85	2	2,529.06	2	2,888.20	2	3,247.30
1/4	30.30	1/4	381.82	1/4	741.02	1/4	1,099.79	1/4	1,458.93	1/4	1,818.13	1/4	2,177.34	1/4	2,536.54	1/4	2,895.68	1/4	3,254.78
1/2	35.91	1/2	389.30	1/2	748.51	1/2	1,107.26	1/2	1,466.41	1/2	1,825.62	1/2	2,184.82	1/2	2,544.02	1/2	2,903.16	1/2	3,262.26
3/4	41.52	3/4	396.79	3/4	755.99	3/4	1,114.74	3/4	1,473.90	3/4	1,833.10	3/4	2,192.30	3/4	2,551.51	3/4	2,910.64	3/4	3,269.74
3	47.13	3	404.27	3	763.47	3	1,122.21	3	1,481.38	3	1,840.58	3	2,199.79	3	2,558.99	3	2,918.12	3	3,277.23
1/4	54.13	1/4	411.75	1/4	770.96	1/4	1,129.69	1/4	1,488.86	1/4	1,848.07	1/4	2,207.27	1/4	2,566.47	1/4	2,925.60	1/4	3,284.71
1/2	61.13	1/2	419.24	1/2	778.44	1/2	1,137.17	1/2	1,496.35	1/2	1,855.55	1/2	2,214.75	1/2	2,573.96	1/2	2,933.09	1/2	3,292.19
3/4	68.12	3/4	426.72	3/4	785.92	3/4	1,144.65	3/4	1,503.83	3/4	1,863.03	3/4	2,222.24	3/4	2,581.44	3/4	2,940.57	3/4	3,299.67
4	75.12	4	434.20	4	793.41	4	1,152.12	4	1,511.31	4	1,870.52	4	2,229.72	4	2,588.92	4	2,948.05	4	3,307.15
1/4	82.58	1/4	441.69	1/4	800.89	1/4	1,159.60	1/4	1,518.80	1/4	1,878.00	1/4	2,237.20	1/4	2,596.41	1/4	2,955.53	1/4	3,314.63
1/2	90.04	1/2	449.17	1/2	808.37	1/2	1,167.08	1/2	1,526.28	1/2	1,885.48	1/2	2,244.69	1/2	2,603.89	1/2	2,963.01	1/2	3,322.11
3/4	97.50	3/4	456.65	3/4	815.86	3/4	1,174.56	3/4	1,533.77	3/4	1,892.97	3/4	2,252.17	3/4	2,611.37	3/4	2,970.49	3/4	3,329.59
5	104.96	5	464.14	5	823.34	5	1,182.05	5	1,541.25	5	1,900.45	5	2,259.65	5	2,618.86	5	2,977.97	5	3,337.08
1/4	112.44	1/4	471.62	1/4	830.82	1/4	1,189.53	1/4	1,548.73	1/4	1,907.94	1/4	2,267.14	1/4	2,626.34	1/4	2,985.45	1/4	3,344.56
1/2	119.92	1/2	479.10	1/2	838.31	1/2	1,197.01	1/2	1,556.22	1/2	1,915.42	1/2	2,274.62	1/2	2,633.82	1/2	2,992.94	1/2	3,352.04
3/4	127.39	3/4	486.59	3/4	845.79	3/4	1,204.50	3/4	1,563.70	3/4	1,922.90	3/4	2,282.11	3/4	2,641.31	3/4	3,000.42	3/4	3,359.52
6	134.87	6	494.07	6	853.27	6	1,211.98	6	1,571.18	6	1,930.39	6	2,289.59	6	2,648.79	6	3,007.90	6	3,367.00
1/4	142.35	1/4	501.55	1/4	860.75	1/4	1,219.46	1/4	1,578.67	1/4	1,937.87	1/4	2,297.07	1/4	2,656.27	1/4	3,015.38	1/4	3,374.48
1/2	149.84	1/2	509.04	1/2	868.23	1/2	1,226.95	1/2	1,586.15	1/2	1,945.35	1/2	2,304.56	1/2	2,663.76	1/2	3,022.86	1/2	3,381.96
3/4	157.32	3/4	516.52	3/4	875.70	3/4	1,234.43	3/4	1,593.63	3/4	1,952.84	3/4	2,312.04	3/4	2,671.24	3/4	3,030.34	3/4	3,389.44
7	164.80	7	524.00	7	883.18	7	1,241.91	7	1,601.12	7	1,960.32	7	2,319.52	7	2,678.72	7	3,037.82	7	3,396.93
1/4	172.28	1/4	531.49	1/4	890.65	1/4	1,249.40	1/4	1,608.60	1/4	1,967.80	1/4	2,327.01	1/4	2,686.20	1/4	3,045.31	1/4	3,404.41
1/2	179.77	1/2	538.97	1/2	898.12	1/2	1,256.88	1/2	1,616.08	1/2	1,975.29	1/2	2,334.49	1/2	2,693.68	1/2	3,052.79	1/2	3,411.89
3/4	187.25	3/4	546.45	3/4	905.59	3/4	1,264.36	3/4	1,623.57	3/4	1,982.77	3/4	2,341.97	3/4	2,701.17	3/4	3,060.27	3/4	3,419.37
8	194.73	8	553.94	8	913.06	8	1,271.85	8	1,631.05	8	1,990.25	8	2,349.46	8	2,708.65	8	3,067.75	8	3,426.85
1/4	202.22	1/4	561.42	1/4	920.52	1/4	1,279.33	1/4	1,638.53	1/4	1,997.74	1/4	2,356.94	1/4	2,716.13	1/4	3,075.23	1/4	3,434.33
1/2	209.70	1/2	568.90	1/2	927.99	1/2	1,286.81	1/2	1,646.02	1/2	2,005.22	1/2	2,364.42	1/2	2,723.61	1/2	3,082.71	1/2	3,441.81
3/4	217.18	3/4	576.39	3/4	935.46	3/4	1,294.30	3/4	1,653.50	3/4	2,012.70	3/4	2,371.91	3/4	2,731.09	3/4	3,090.19	3/4	3,449.30
9	224.67	9	583.87	9	942.93	9	1,301.78	9	1,660.98	9	2,020.19	9	2,379.39	9	2,738.57	9	3,097.67	9	3,456.78
1/4	232.15	1/4	591.35	1/4	950.40	1/4	1,309.26	1/4	1,668.47	1/4	2,027.67	1/4	2,386.87	1/4	2,746.05	1/4	3,105.16	1/4	3,464.26
1/2	239.63	1/2	598.84	1/2	957.87	1/2	1,316.75	1/2	1,675.95	1/2	2,035.15	1/2	2,394.36	1/2	2,753.53	1/2	3,112.64	1/2	3,471.74
3/4	247.12	3/4	606.32	3/4	965.34	3/4	1,324.23	3/4	1,683.43	3/4	2,042.64	3/4	2,401.84	3/4	2,761.02	3/4	3,120.12	3/4	3,479.22
10	254.60	10	613.80	10	972.81	10	1,331.71	10	1,690.92	10	2,050.12	10	2,409.32	10	2,768.50	10	3,127.60	10	3,486.70
1/4	262.09	1/4	621.29	1/4	980.28	1/4	1,339.20	1/4	1,698.40	1/4	2,057.60	1/4	2,416.81	1/4	2,775.98	1/4	3,135.08	1/4	3,494.18
1/2	269.57	1/2	628.77	1/2	987.75	1/2	1,346.68	1/2	1,705.88	1/2	2,065.09	1/2	2,424.29	1/2	2,783.46	1/2	3,142.56	1/2	3,501.66
3/4	277.05	3/4	636.26	3/4	995.22	3/4	1,354.16	3/4	1,713.37	3/4	2,072.57	3/4	2,431.77	3/4	2,790.94	3/4	3,150.04	3/4	3,509.15
11	284.54	11	643.74	11	1,002.69	11	1,361.65	11	1,720.85	11	2,080.05	11	2,439.26	11	2,798.42	11	3,157.52	11	3,516.63
1/4	292.02	1/4	651.22	1/4	1,010.16	1/4	1,369.13	1/4	1,728.33	1/4	2,087.54	1/4	2,446.74	1/4	2,805.90	1/4	3,165.01	1/4	3,524.11
1/2	299.50	1/2	658.71	1/2	1,017.62	1/2	1,376.61	1/2	1,735.82	1/2	2,095.02	1/2	2,454.22	1/2	2,813.38	1/2	3,172.49	1/2	3,531.59
3/4	306.99	3/4	666.19	3/4	1,025.09	3/4	1,384.10	3/4	1,743.30	3/4	2,102.50	3/4	2,461.71	3/4	2,820.87	3/4	3,179.97	3/4	3,539.07

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT & ANALYSIS, INC.

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



BARGE "MMLP 335"

2 STBD

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

Table with 19 columns (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.) and multiple rows of capacity data.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2019 CL
CALCULATED: 02/21/2019 CL
PRINTED: 02/24/2019 SW

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CANCELS AND SUPERCEDES ALL PRIOR TO 02/2019





BARGE "MMLP 335"

3 PORT INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-07 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

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	2.23	0	313.25	0	670.54	0	1,019.94	0	1,371.47	0	1,728.51	0	2,084.76	0	2,441.70	0	2,798.39	0	3,155.04
1/4	4.09	1/4	320.70	1/4	677.98	1/4	1,027.09	1/4	1,378.91	1/4	1,735.94	1/4	2,092.18	1/4	2,449.13	1/4	2,805.82	1/4	3,162.47
1/2	5.96	1/2	328.14	1/2	685.42	1/2	1,034.24	1/2	1,386.35	1/2	1,743.38	1/2	2,099.61	1/2	2,456.56	1/2	2,813.25	1/2	3,169.90
3/4	7.82	3/4	335.58	3/4	692.87	3/4	1,041.38	3/4	1,393.79	3/4	1,750.81	3/4	2,107.03	3/4	2,464.00	3/4	2,820.68	3/4	3,177.33
1	9.68	1	343.03	1	700.31	1	1,048.53	1	1,401.22	1	1,758.24	1	2,114.46	1	2,471.43	1	2,828.11	1	3,184.76
1/4	13.41	1/4	350.47	1/4	707.75	1/4	1,055.68	1/4	1,408.66	1/4	1,765.66	1/4	2,121.89	1/4	2,478.86	1/4	2,835.54	1/4	3,192.18
1/2	17.14	1/2	357.91	1/2	715.20	1/2	1,062.82	1/2	1,416.10	1/2	1,773.08	1/2	2,129.33	1/2	2,486.29	1/2	2,842.97	1/2	3,199.60
3/4	20.87	3/4	365.36	3/4	722.64	3/4	1,069.97	3/4	1,423.54	3/4	1,780.50	3/4	2,136.76	3/4	2,493.72	3/4	2,850.40	3/4	3,207.01
2	24.59	2	372.80	2	730.08	2	1,077.12	2	1,430.98	2	1,787.92	2	2,144.20	2	2,501.15	2	2,857.83	2	3,214.43
1/4	30.18	1/4	380.24	1/4	737.53	1/4	1,084.30	1/4	1,438.42	1/4	1,795.35	1/4	2,151.63	1/4	2,508.59	1/4	2,865.26	1/4	3,221.83
1/2	35.77	1/2	387.69	1/2	744.97	1/2	1,091.48	1/2	1,445.86	1/2	1,802.77	1/2	2,159.07	1/2	2,516.02	1/2	2,872.69	1/2	3,229.23
3/4	41.37	3/4	395.13	3/4	752.41	3/4	1,098.66	3/4	1,453.29	3/4	1,810.19	3/4	2,166.50	3/4	2,523.45	3/4	2,880.12	3/4	3,236.63
3	46.96	3	402.57	3	759.86	3	1,105.84	3	1,460.73	3	1,817.61	3	2,173.94	3	2,530.88	3	2,887.55	3	3,244.03
1/4	53.93	1/4	410.02	1/4	767.30	1/4	1,113.06	1/4	1,468.17	1/4	1,825.03	1/4	2,181.37	1/4	2,538.31	1/4	2,894.98	1/4	3,251.44
1/2	60.90	1/2	417.46	1/2	774.74	1/2	1,120.28	1/2	1,475.61	1/2	1,832.46	1/2	2,188.81	1/2	2,545.74	1/2	2,902.41	1/2	3,258.84
3/4	67.87	3/4	424.90	3/4	782.19	3/4	1,127.50	3/4	1,483.05	3/4	1,839.88	3/4	2,196.24	3/4	2,553.17	3/4	2,909.84	3/4	3,266.24
4	74.84	4	432.35	4	789.63	4	1,134.71	4	1,490.49	4	1,847.30	4	2,203.68	4	2,560.61	4	2,917.27	4	3,273.64
1/4	82.27	1/4	439.79	1/4	797.04	1/4	1,141.94	1/4	1,497.92	1/4	1,854.72	1/4	2,211.11	1/4	2,568.04	1/4	2,924.70	1/4	3,281.04
1/2	89.70	1/2	447.23	1/2	804.45	1/2	1,149.16	1/2	1,505.36	1/2	1,862.14	1/2	2,218.55	1/2	2,575.47	1/2	2,932.13	1/2	3,288.45
3/4	97.13	3/4	454.68	3/4	811.86	3/4	1,156.39	3/4	1,512.80	3/4	1,869.57	3/4	2,225.98	3/4	2,582.90	3/4	2,939.56	3/4	3,295.85
5	104.56	5	462.12	5	819.28	5	1,163.61	5	1,520.24	5	1,876.99	5	2,233.42	5	2,590.33	5	2,946.99	5	3,303.25
1/4	112.01	1/4	469.57	1/4	826.55	1/4	1,170.95	1/4	1,527.68	1/4	1,884.41	1/4	2,240.85	1/4	2,597.76	1/4	2,954.42	1/4	3,310.65
1/2	119.46	1/2	477.01	1/2	833.82	1/2	1,178.28	1/2	1,535.12	1/2	1,891.83	1/2	2,248.29	1/2	2,605.19	1/2	2,961.85	1/2	3,318.05
3/4	126.91	3/4	484.45	3/4	841.10	3/4	1,185.61	3/4	1,542.55	3/4	1,899.25	3/4	2,255.72	3/4	2,612.63	3/4	2,969.28	3/4	3,325.45
6	134.36	6	491.90	6	848.37	6	1,192.95	6	1,549.99	6	1,906.68	6	2,263.16	6	2,620.06	6	2,976.71	6	3,332.86
1/4	141.81	1/4	499.34	1/4	855.53	1/4	1,200.39	1/4	1,557.43	1/4	1,914.10	1/4	2,270.60	1/4	2,627.49	1/4	2,984.15	1/4	3,340.26
1/2	149.27	1/2	506.78	1/2	862.69	1/2	1,207.83	1/2	1,564.87	1/2	1,921.52	1/2	2,278.03	1/2	2,634.92	1/2	2,991.58	1/2	3,347.66
3/4	156.72	3/4	514.23	3/4	869.85	3/4	1,215.26	3/4	1,572.31	3/4	1,928.94	3/4	2,285.47	3/4	2,642.35	3/4	2,999.01	3/4	3,355.06
7	164.18	7	521.67	7	877.01	7	1,222.70	7	1,579.75	7	1,936.36	7	2,292.91	7	2,649.78	7	3,006.44	7	3,362.46
1/4	171.63	1/4	529.11	1/4	884.15	1/4	1,230.14	1/4	1,587.18	1/4	1,943.79	1/4	2,300.35	1/4	2,657.21	1/4	3,013.87	1/4	3,369.85
1/2	179.09	1/2	536.56	1/2	891.30	1/2	1,237.58	1/2	1,594.62	1/2	1,951.21	1/2	2,307.79	1/2	2,664.64	1/2	3,021.30	1/2	3,377.24
3/4	186.54	3/4	544.00	3/4	898.45	3/4	1,245.02	3/4	1,602.06	3/4	1,958.63	3/4	2,315.23	3/4	2,672.07	3/4	3,028.73	3/4	3,384.64
8	194.00	8	551.44	8	905.59	8	1,252.46	8	1,609.50	8	1,966.05	8	2,322.67	8	2,679.50	8	3,036.16	8	3,392.03
1/4	201.45	1/4	558.89	1/4	912.74	1/4	1,259.90	1/4	1,616.94	1/4	1,973.47	1/4	2,330.11	1/4	2,686.93	1/4	3,043.59	1/4	3,399.30
1/2	208.91	1/2	566.33	1/2	919.89	1/2	1,267.33	1/2	1,624.38	1/2	1,980.90	1/2	2,337.55	1/2	2,694.36	1/2	3,051.02	1/2	3,406.58
3/4	216.36	3/4	573.77	3/4	927.03	3/4	1,274.77	3/4	1,631.82	3/4	1,988.32	3/4	2,344.99	3/4	2,701.79	3/4	3,058.45	3/4	3,413.85
9	223.82	9	581.22	9	934.18	9	1,282.21	9	1,639.25	9	1,995.74	9	2,352.43	9	2,709.22	9	3,065.88	9	3,421.13
1/4	231.27	1/4	588.66	1/4	941.33	1/4	1,289.65	1/4	1,646.69	1/4	2,003.16	1/4	2,359.87	1/4	2,716.65	1/4	3,073.31	1/4	3,428.05
1/2	238.73	1/2	596.10	1/2	948.47	1/2	1,297.09	1/2	1,654.13	1/2	2,010.58	1/2	2,367.31	1/2	2,724.08	1/2	3,080.74	1/2	3,434.97
3/4	246.18	3/4	603.55	3/4	955.62	3/4	1,304.53	3/4	1,661.57	3/4	2,018.01	3/4	2,374.76	3/4	2,731.52	3/4	3,088.17	3/4	3,441.89
10	253.64	10	610.99	10	962.77	10	1,311.96	10	1,669.01	10	2,025.43	10	2,382.20	10	2,738.95	10	3,095.60	10	3,448.81
1/4	261.09	1/4	618.43	1/4	969.91	1/4	1,319.40	1/4	1,676.45	1/4	2,032.85	1/4	2,389.64	1/4	2,746.38	1/4	3,103.03	1/4	3,455.26
1/2	268.55	1/2	625.88	1/2	977.06	1/2	1,326.84	1/2	1,683.88	1/2	2,040.26	1/2	2,397.08	1/2	2,753.81	1/2	3,110.46	1/2	3,461.70
3/4	276.00	3/4	633.32	3/4	984.21	3/4	1,334.28	3/4	1,691.32	3/4	2,047.68	3/4	2,404.52	3/4	2,761.24	3/4	3,117.89	3/4	3,468.15
11	283.46	11	640.76	11	991.36	11	1,341.72	11	1,698.76	11	2,055.10	11	2,411.96	11	2,768.67	11	3,125.32	11	3,474.59
1/4	290.91	1/4	648.21	1/4	998.50	1/4	1,349.16	1/4	1,706.20	1/4	2,062.52	1/4	2,419.39	1/4	2,776.10	1/4	3,132.75	1/4	3,480.56
1/2	298.36	1/2	655.65	1/2	1,005.65	1/2	1,356.59	1/2	1,713.64	1/2	2,069.93	1/2	2,426.83	1/2	2,783.53	1/2	3,140.18	1/2	3,486.54
3/4	305.80	3/4	663.09	3/4	1,012.80	3/4	1,364.03	3/4	1,721.08	3/4	2,077.34	3/4	2,434.27	3/4	2,790.96	3/4	3,147.61	3/4	3,492.51

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 82'-09" FORWARD OF AFT BULKHEAD

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BARGE "MMLP 335"

3 PORT

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-07 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

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	3,498.48	0	3,724.15	0	3,943.48	0	4,162.53	0	4,380.78	0		0		0		0		0	
1/4	3,503.98	1/4	3,728.73	1/4	3,948.05	1/4	4,167.10	1/4	4,385.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,509.47	1/2	3,733.30	1/2	3,952.61	1/2	4,171.66	1/2	4,389.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,514.97	3/4	3,737.88	3/4	3,957.17	3/4	4,176.23	3/4	4,394.33	3/4		3/4		3/4		3/4		3/4	
1	3,520.47	1	3,742.46	1	3,961.74	1	4,180.79	1	4,398.84	1		1		1		1		1	
1/4	3,525.51	1/4	3,747.03	1/4	3,966.30	1/4	4,185.35	1/4	4,403.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,530.55	1/2	3,751.61	1/2	3,970.86	1/2	4,189.92	1/2	4,407.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,535.58	3/4	3,756.19	3/4	3,975.43	3/4	4,194.48	3/4	4,412.32	3/4		3/4		3/4		3/4		3/4	
2	3,540.62	2	3,760.76	2	3,979.99	2	4,199.04	2	4,416.82	2		2		2		2		2	
1/4	3,545.32	1/4	3,765.34	1/4	3,984.55	1/4	4,203.61	1/4	4,421.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,550.01	1/2	3,769.91	1/2	3,989.12	1/2	4,208.17	1/2	4,425.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,554.71	3/4	3,774.49	3/4	3,993.68	3/4	4,212.73	3/4	4,429.45	3/4		3/4		3/4		3/4		3/4	
3	3,559.40	3	3,779.07	3	3,998.25	3	4,217.30	3	4,433.66	3		3		3		3		3	
1/4	3,563.98	1/4	3,783.64	1/4	4,002.81	1/4	4,221.86	1/4	4,437.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,568.56	1/2	3,788.22	1/2	4,007.37	1/2	4,226.43	1/2	4,440.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.13	3/4	3,792.80	3/4	4,011.94	3/4	4,230.99	3/4	4,444.36	3/4		3/4		3/4		3/4		3/4	
4	3,577.71	4	3,797.37	4	4,016.50	4	4,235.55	4	4,447.93	4		4		4		4		4	
1/4	3,582.29	1/4	3,801.95	1/4	4,021.06	1/4	4,240.12	1/4	4,450.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,586.86	1/2	3,806.52	1/2	4,025.63	1/2	4,244.68	1/2	4,453.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,591.44	3/4	3,811.10	3/4	4,030.19	3/4	4,249.24	3/4	4,456.34	3/4		3/4		3/4		3/4		3/4	
5	3,596.01	5	3,815.68	5	4,034.75	5	4,253.81	5	4,459.14	5		5		5		5		5	
1/4	3,600.59	1/4	3,820.25	1/4	4,039.32	1/4	4,258.37	1/4	4,461.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,605.17	1/2	3,824.82	1/2	4,043.88	1/2	4,262.93	1/2	4,463.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,609.74	3/4	3,829.39	3/4	4,048.44	3/4	4,267.50	3/4	4,465.26	3/4		3/4		3/4		3/4		3/4	
6	3,614.32	6	3,833.96	6	4,053.01	6	4,272.06	6	4,467.30	6		6		6		6		6	
1/4	3,618.90	1/4	3,838.52	1/4	4,057.57	1/4	4,276.62	1/4	4,468.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,623.47	1/2	3,843.08	1/2	4,062.14	1/2	4,281.19	1/2	4,469.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,628.05	3/4	3,847.65	3/4	4,066.70	3/4	4,285.75	3/4	4,471.13	3/4		3/4		3/4		3/4		3/4	
7	3,632.63	7	3,852.21	7	4,071.26	7	4,290.32	7	4,472.41	7		7		7		7		7	
1/4	3,637.20	1/4	3,856.77	1/4	4,075.83	1/4	4,294.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,641.78	1/2	3,861.34	1/2	4,080.39	1/2	4,299.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,646.35	3/4	3,865.90	3/4	4,084.95	3/4	4,303.94	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,650.93	8	3,870.46	8	4,089.52	8	4,308.48	8		8		8		8		8		8	
1/4	3,655.51	1/4	3,875.03	1/4	4,094.08	1/4	4,313.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,660.08	1/2	3,879.59	1/2	4,098.64	1/2	4,317.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,664.66	3/4	3,884.16	3/4	4,103.21	3/4	4,322.03	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,669.24	9	3,888.72	9	4,107.77	9	4,326.55	9		9		9		9		9		9	
1/4	3,673.81	1/4	3,893.28	1/4	4,112.34	1/4	4,331.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,678.39	1/2	3,897.85	1/2	4,116.90	1/2	4,335.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,682.96	3/4	3,902.41	3/4	4,121.46	3/4	4,340.11	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,687.54	10	3,906.97	10	4,126.03	10	4,344.62	10		10		10		10		10		10	
1/4	3,692.12	1/4	3,911.54	1/4	4,130.59	1/4	4,349.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,696.69	1/2	3,916.10	1/2	4,135.15	1/2	4,353.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,701.27	3/4	3,920.66	3/4	4,139.72	3/4	4,358.18	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,705.85	11	3,925.23	11	4,144.28	11	4,362.70	11		11		11		11		11		11	
1/4	3,710.42	1/4	3,929.79	1/4	4,148.84	1/4	4,367.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.00	1/2	3,934.35	1/2	4,153.41	1/2	4,371.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,719.58	3/4	3,938.92	3/4	4,157.97	3/4	4,376.26	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2019 CL
 CALCULATED: 02/21/2019 CL
 PRINTED: 02/24/2019 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2019

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



BARGE "MMLP 335"

3 STBD

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-07 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

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	2.23	0	312.92	0	670.34	0	1,027.47	0	1,384.72	0	1,742.16	0	2,099.61	0	2,457.03	0	2,814.01	0	3,170.96
1/4	4.09	1/4	320.36	1/4	677.79	1/4	1,034.90	1/4	1,392.17	1/4	1,749.61	1/4	2,107.05	1/4	2,464.47	1/4	2,821.45	1/4	3,178.39
1/2	5.95	1/2	327.81	1/2	685.24	1/2	1,042.34	1/2	1,399.62	1/2	1,757.06	1/2	2,114.50	1/2	2,471.91	1/2	2,828.88	1/2	3,185.83
3/4	7.81	3/4	335.26	3/4	692.68	3/4	1,049.77	3/4	1,407.06	3/4	1,764.50	3/4	2,121.95	3/4	2,479.34	3/4	2,836.32	3/4	3,193.27
1	9.67	1	342.70	1	700.13	1	1,057.20	1	1,414.51	1	1,771.95	1	2,129.39	1	2,486.78	1	2,843.76	1	3,200.70
1/4	13.40	1/4	350.15	1/4	707.58	1/4	1,064.63	1/4	1,421.96	1/4	1,779.40	1/4	2,136.84	1/4	2,494.22	1/4	2,851.19	1/4	3,208.13
1/2	17.12	1/2	357.60	1/2	715.02	1/2	1,072.07	1/2	1,429.40	1/2	1,786.84	1/2	2,144.29	1/2	2,501.66	1/2	2,858.63	1/2	3,215.55
3/4	20.84	3/4	365.04	3/4	722.47	3/4	1,079.50	3/4	1,436.85	3/4	1,794.29	3/4	2,151.73	3/4	2,509.09	3/4	2,866.07	3/4	3,222.97
2	24.57	2	372.49	2	729.92	2	1,086.93	2	1,444.30	2	1,801.74	2	2,159.18	2	2,516.53	2	2,873.50	2	3,230.39
1/4	30.15	1/4	379.94	1/4	737.36	1/4	1,094.37	1/4	1,451.74	1/4	1,809.18	1/4	2,166.63	1/4	2,523.97	1/4	2,880.94	1/4	3,237.80
1/2	35.73	1/2	387.38	1/2	744.81	1/2	1,101.80	1/2	1,459.19	1/2	1,816.63	1/2	2,174.07	1/2	2,531.41	1/2	2,888.37	1/2	3,245.21
3/4	41.32	3/4	394.83	3/4	752.26	3/4	1,109.24	3/4	1,466.64	3/4	1,824.08	3/4	2,181.52	3/4	2,538.84	3/4	2,895.81	3/4	3,252.62
3	46.90	3	402.27	3	759.70	3	1,116.68	3	1,474.08	3	1,831.53	3	2,188.97	3	2,546.28	3	2,903.25	3	3,260.03
1/4	53.86	1/4	409.72	1/4	767.15	1/4	1,124.12	1/4	1,481.53	1/4	1,838.97	1/4	2,196.41	1/4	2,553.72	1/4	2,910.68	1/4	3,267.43
1/2	60.83	1/2	417.17	1/2	774.59	1/2	1,131.56	1/2	1,488.98	1/2	1,846.42	1/2	2,203.86	1/2	2,561.16	1/2	2,918.12	1/2	3,274.84
3/4	67.79	3/4	424.61	3/4	782.04	3/4	1,139.00	3/4	1,496.42	3/4	1,853.87	3/4	2,211.31	3/4	2,568.60	3/4	2,925.56	3/4	3,282.25
4	74.75	4	432.06	4	789.49	4	1,146.44	4	1,503.87	4	1,861.31	4	2,218.75	4	2,576.03	4	2,932.99	4	3,289.66
1/4	82.17	1/4	439.51	1/4	796.93	1/4	1,153.88	1/4	1,511.32	1/4	1,868.76	1/4	2,226.20	1/4	2,583.47	1/4	2,940.43	1/4	3,297.07
1/2	89.60	1/2	446.95	1/2	804.38	1/2	1,161.33	1/2	1,518.76	1/2	1,876.21	1/2	2,233.65	1/2	2,590.91	1/2	2,947.87	1/2	3,304.47
3/4	97.02	3/4	454.40	3/4	811.83	3/4	1,168.77	3/4	1,526.21	3/4	1,883.65	3/4	2,241.09	3/4	2,598.35	3/4	2,955.30	3/4	3,311.88
5	104.44	5	461.85	5	819.27	5	1,176.22	5	1,533.66	5	1,891.10	5	2,248.54	5	2,605.78	5	2,962.74	5	3,319.29
1/4	111.88	1/4	469.29	1/4	826.72	1/4	1,183.66	1/4	1,541.10	1/4	1,898.55	1/4	2,255.99	1/4	2,613.22	1/4	2,970.17	1/4	3,326.70
1/2	119.32	1/2	476.74	1/2	834.17	1/2	1,191.11	1/2	1,548.55	1/2	1,905.99	1/2	2,263.43	1/2	2,620.66	1/2	2,977.61	1/2	3,334.11
3/4	126.77	3/4	484.18	3/4	841.61	3/4	1,198.56	3/4	1,556.00	3/4	1,913.44	3/4	2,270.88	3/4	2,628.10	3/4	2,985.05	3/4	3,341.51
6	134.21	6	491.63	6	849.06	6	1,206.00	6	1,563.44	6	1,920.89	6	2,278.33	6	2,635.53	6	2,992.48	6	3,348.92
1/4	141.65	1/4	499.08	1/4	856.50	1/4	1,213.45	1/4	1,570.89	1/4	1,928.33	1/4	2,285.77	1/4	2,642.97	1/4	2,999.92	1/4	3,356.33
1/2	149.10	1/2	506.52	1/2	863.94	1/2	1,220.90	1/2	1,578.34	1/2	1,935.78	1/2	2,293.22	1/2	2,650.41	1/2	3,007.36	1/2	3,363.73
3/4	156.54	3/4	513.97	3/4	871.38	3/4	1,228.34	3/4	1,585.78	3/4	1,943.23	3/4	2,300.67	3/4	2,657.85	3/4	3,014.79	3/4	3,371.14
7	163.99	7	521.42	7	878.82	7	1,235.79	7	1,593.23	7	1,950.67	7	2,308.11	7	2,665.28	7	3,022.23	7	3,378.55
1/4	171.44	1/4	528.86	1/4	886.26	1/4	1,243.24	1/4	1,600.68	1/4	1,958.12	1/4	2,315.56	1/4	2,672.72	1/4	3,029.67	1/4	3,385.95
1/2	178.88	1/2	536.31	1/2	893.69	1/2	1,250.68	1/2	1,608.12	1/2	1,965.57	1/2	2,323.01	1/2	2,680.15	1/2	3,037.10	1/2	3,393.34
3/4	186.33	3/4	543.76	3/4	901.12	3/4	1,258.13	3/4	1,615.57	3/4	1,973.01	3/4	2,330.45	3/4	2,687.59	3/4	3,044.54	3/4	3,400.74
8	193.78	8	551.20	8	908.55	8	1,265.58	8	1,623.02	8	1,980.46	8	2,337.90	8	2,695.03	8	3,051.98	8	3,408.14
1/4	201.22	1/4	558.65	1/4	915.99	1/4	1,273.02	1/4	1,630.46	1/4	1,987.91	1/4	2,345.35	1/4	2,702.46	1/4	3,059.41	1/4	3,415.42
1/2	208.67	1/2	566.10	1/2	923.42	1/2	1,280.47	1/2	1,637.91	1/2	1,995.35	1/2	2,352.79	1/2	2,709.90	1/2	3,066.85	1/2	3,422.71
3/4	216.11	3/4	573.54	3/4	930.85	3/4	1,287.92	3/4	1,645.36	3/4	2,002.80	3/4	2,360.24	3/4	2,717.34	3/4	3,074.28	3/4	3,429.99
9	223.56	9	580.99	9	938.28	9	1,295.36	9	1,652.80	9	2,010.25	9	2,367.69	9	2,724.77	9	3,081.72	9	3,437.27
1/4	231.01	1/4	588.43	1/4	945.71	1/4	1,302.81	1/4	1,660.25	1/4	2,017.69	1/4	2,375.13	1/4	2,732.21	1/4	3,089.16	1/4	3,444.20
1/2	238.45	1/2	595.88	1/2	953.15	1/2	1,310.26	1/2	1,667.70	1/2	2,025.14	1/2	2,382.58	1/2	2,739.65	1/2	3,096.59	1/2	3,451.13
3/4	245.90	3/4	603.33	3/4	960.58	3/4	1,317.70	3/4	1,675.14	3/4	2,032.59	3/4	2,390.03	3/4	2,747.08	3/4	3,104.03	3/4	3,458.05
10	253.35	10	610.77	10	968.01	10	1,325.15	10	1,682.59	10	2,040.03	10	2,397.47	10	2,754.52	10	3,111.47	10	3,464.98
1/4	260.79	1/4	618.22	1/4	975.44	1/4	1,332.60	1/4	1,690.04	1/4	2,047.48	1/4	2,404.92	1/4	2,761.96	1/4	3,118.90	1/4	3,471.43
1/2	268.24	1/2	625.67	1/2	982.88	1/2	1,340.04	1/2	1,697.48	1/2	2,054.93	1/2	2,412.37	1/2	2,769.39	1/2	3,126.34	1/2	3,477.88
3/4	275.69	3/4	633.11	3/4	990.31	3/4	1,347.49	3/4	1,704.93	3/4	2,062.37	3/4	2,419.81	3/4	2,776.83	3/4	3,133.78	3/4	3,484.33
11	283.13	11	640.56	11	997.74	11	1,354.94	11	1,712.38	11	2,069.82	11	2,427.26	11	2,784.26	11	3,141.21	11	3,490.78
1/4	290.58	1/4	648.01	1/4	1,005.17	1/4	1,362.38	1/4	1,719.82	1/4	2,077.27	1/4	2,434.70	1/4	2,791.70	1/4	3,148.65	1/4	3,496.75
1/2	298.02	1/2	655.45	1/2	1,012.61	1/2	1,369.83	1/2	1,727.27	1/2	2,084.71	1/2	2,442.15	1/2	2,799.14	1/2	3,156.08	1/2	3,502.73
3/4	305.47	3/4	662.90	3/4	1,020.04	3/4	1,377.28	3/4	1,734.72	3/4	2,092.16	3/4	2,449.59	3/4	2,806.57	3/4	3,163.52	3/4	3,508.70

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 82'-09" FORWARD OF AFT BULKHEAD

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



BARGE "MMLP 335"

3 STBD

INNAGE TABLE 10" HATCH

GAUGE HEIGHT 17'-07 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30067"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,514.67	0	3,740.12	0	3,959.23	0	4,178.07	0	4,396.09	0		0		0		0		0	
1/4	3,520.16	1/4	3,744.69	1/4	3,963.79	1/4	4,182.63	1/4	4,400.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,525.65	1/2	3,749.26	1/2	3,968.35	1/2	4,187.18	1/2	4,405.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,531.15	3/4	3,753.83	3/4	3,972.91	3/4	4,191.74	3/4	4,409.62	3/4		3/4		3/4		3/4		3/4	
1	3,536.64	1	3,758.40	1	3,977.47	1	4,196.30	1	4,414.13	1		1		1		1		1	
1/4	3,541.67	1/4	3,762.97	1/4	3,982.02	1/4	4,200.86	1/4	4,418.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,546.70	1/2	3,767.55	1/2	3,986.58	1/2	4,205.42	1/2	4,423.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,551.73	3/4	3,772.12	3/4	3,991.14	3/4	4,209.98	3/4	4,427.60	3/4		3/4		3/4		3/4		3/4	
2	3,556.77	2	3,776.69	2	3,995.70	2	4,214.54	2	4,432.09	2		2		2		2		2	
1/4	3,561.46	1/4	3,781.26	1/4	4,000.26	1/4	4,219.10	1/4	4,436.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,566.15	1/2	3,785.83	1/2	4,004.82	1/2	4,223.66	1/2	4,440.50	1/2		1/2		1/2		1/2		1/2	
3/4	3,570.84	3/4	3,790.41	3/4	4,009.38	3/4	4,228.22	3/4	4,444.71	3/4		3/4		3/4		3/4		3/4	
3	3,575.53	3	3,794.98	3	4,013.94	3	4,232.78	3	4,448.92	3		3		3		3		3	
1/4	3,580.10	1/4	3,799.55	1/4	4,018.50	1/4	4,237.33	1/4	4,452.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,584.67	1/2	3,804.12	1/2	4,023.06	1/2	4,241.89	1/2	4,456.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,589.25	3/4	3,808.69	3/4	4,027.62	3/4	4,246.45	3/4	4,459.61	3/4		3/4		3/4		3/4		3/4	
4	3,593.82	4	3,813.26	4	4,032.18	4	4,251.01	4	4,463.17	4		4		4		4		4	
1/4	3,598.39	1/4	3,817.84	1/4	4,036.73	1/4	4,255.57	1/4	4,465.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,602.96	1/2	3,822.41	1/2	4,041.29	1/2	4,260.13	1/2	4,468.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,607.53	3/4	3,826.98	3/4	4,045.85	3/4	4,264.69	3/4	4,471.57	3/4		3/4		3/4		3/4		3/4	
5	3,612.11	5	3,831.55	5	4,050.41	5	4,269.25	5	4,474.37	5		5		5		5		5	
1/4	3,616.68	1/4	3,836.12	1/4	4,054.97	1/4	4,273.81	1/4	4,476.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,621.25	1/2	3,840.68	1/2	4,059.53	1/2	4,278.37	1/2	4,478.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,625.82	3/4	3,845.25	3/4	4,064.09	3/4	4,282.93	3/4	4,480.48	3/4		3/4		3/4		3/4		3/4	
6	3,630.39	6	3,849.81	6	4,068.65	6	4,287.48	6	4,482.52	6		6		6		6		6	
1/4	3,634.96	1/4	3,854.37	1/4	4,073.21	1/4	4,292.04	1/4	4,483.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.54	1/2	3,858.93	1/2	4,077.77	1/2	4,296.60	1/2	4,485.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.11	3/4	3,863.49	3/4	4,082.33	3/4	4,301.16	3/4	4,486.35	3/4		3/4		3/4		3/4		3/4	
7	3,648.68	7	3,868.05	7	4,086.88	7	4,305.72	7	4,487.63	7		7		7		7		7	
1/4	3,653.25	1/4	3,872.61	1/4	4,091.44	1/4	4,310.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,657.82	1/2	3,877.17	1/2	4,096.00	1/2	4,314.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,662.40	3/4	3,881.72	3/4	4,100.56	3/4	4,319.33	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,666.97	8	3,886.28	8	4,105.12	8	4,323.86	8		8		8		8		8		8	
1/4	3,671.54	1/4	3,890.84	1/4	4,109.68	1/4	4,328.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,676.11	1/2	3,895.40	1/2	4,114.24	1/2	4,332.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,680.68	3/4	3,899.96	3/4	4,118.80	3/4	4,337.41	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,685.25	9	3,904.52	9	4,123.36	9	4,341.92	9		9		9		9		9		9	
1/4	3,689.83	1/4	3,909.08	1/4	4,127.92	1/4	4,346.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,694.40	1/2	3,913.64	1/2	4,132.48	1/2	4,350.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,698.97	3/4	3,918.20	3/4	4,137.03	3/4	4,355.46	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,703.54	10	3,922.76	10	4,141.59	10	4,359.98	10		10		10		10		10		10	
1/4	3,708.11	1/4	3,927.32	1/4	4,146.15	1/4	4,364.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.69	1/2	3,931.87	1/2	4,150.71	1/2	4,369.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,717.26	3/4	3,936.43	3/4	4,155.27	3/4	4,373.52	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,721.83	11	3,940.99	11	4,159.83	11	4,378.03	11		11		11		11		11		11	
1/4	3,726.40	1/4	3,945.55	1/4	4,164.39	1/4	4,382.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.97	1/2	3,950.11	1/2	4,168.95	1/2	4,387.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,735.54	3/4	3,954.67	3/4	4,173.51	3/4	4,391.58	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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