



BARGE "MMLP 334"

INNAGE (HERMETIC)
FORMERLY "SMS 30066"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 7'-00"
 DIFF. = 5'-00" (DOWN BY STERN)

THE CORRECTION FOR 5'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

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 334"

1 PORT INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	15.28	0	303.62	0	653.07	0	1,009.29	0	1,366.68	0	1,724.76	0	2,082.83	0	2,440.91	0	2,798.93	0	3,156.91
1/4	18.33	1/4	310.51	1/4	660.53	1/4	1,016.69	1/4	1,374.14	1/4	1,732.22	1/4	2,090.29	1/4	2,448.37	1/4	2,806.38	1/4	3,164.36
1/2	21.37	1/2	317.40	1/2	667.99	1/2	1,024.10	1/2	1,381.60	1/2	1,739.68	1/2	2,097.75	1/2	2,455.83	1/2	2,813.84	1/2	3,171.82
3/4	24.41	3/4	324.29	3/4	675.45	3/4	1,031.50	3/4	1,389.06	3/4	1,747.14	3/4	2,105.21	3/4	2,463.29	3/4	2,821.30	3/4	3,179.28
1	27.46	1	331.19	1	682.91	1	1,038.90	1	1,396.52	1	1,754.60	1	2,112.67	1	2,470.75	1	2,828.76	1	3,186.74
1/4	32.45	1/4	338.16	1/4	690.37	1/4	1,046.31	1/4	1,403.98	1/4	1,762.06	1/4	2,120.13	1/4	2,478.21	1/4	2,836.22	1/4	3,194.20
1/2	37.45	1/2	345.14	1/2	697.83	1/2	1,053.72	1/2	1,411.44	1/2	1,769.52	1/2	2,127.59	1/2	2,485.67	1/2	2,843.67	1/2	3,201.65
3/4	42.44	3/4	352.12	3/4	705.29	3/4	1,061.13	3/4	1,418.90	3/4	1,776.98	3/4	2,135.05	3/4	2,493.13	3/4	2,851.13	3/4	3,209.11
2	47.43	2	359.10	2	712.75	2	1,068.54	2	1,426.36	2	1,784.44	2	2,142.51	2	2,500.59	2	2,858.59	2	3,216.57
1/4	53.41	1/4	366.17	1/4	720.21	1/4	1,075.97	1/4	1,433.82	1/4	1,791.90	1/4	2,149.97	1/4	2,508.05	1/4	2,866.05	1/4	3,224.03
1/2	59.39	1/2	373.23	1/2	727.67	1/2	1,083.39	1/2	1,441.28	1/2	1,799.36	1/2	2,157.43	1/2	2,515.51	1/2	2,873.51	1/2	3,231.48
3/4	65.37	3/4	380.30	3/4	735.13	3/4	1,090.82	3/4	1,448.74	3/4	1,806.82	3/4	2,164.89	3/4	2,522.97	3/4	2,880.96	3/4	3,238.94
3	71.35	3	387.36	3	742.59	3	1,098.25	3	1,456.20	3	1,814.28	3	2,172.35	3	2,530.43	3	2,888.42	3	3,246.40
1/4	77.44	1/4	394.52	1/4	750.05	1/4	1,105.68	1/4	1,463.66	1/4	1,821.74	1/4	2,179.81	1/4	2,537.89	1/4	2,895.88	1/4	3,253.86
1/2	83.54	1/2	401.67	1/2	757.51	1/2	1,113.11	1/2	1,471.12	1/2	1,829.20	1/2	2,187.27	1/2	2,545.35	1/2	2,903.34	1/2	3,261.32
3/4	89.63	3/4	408.82	3/4	764.97	3/4	1,120.54	3/4	1,478.58	3/4	1,836.66	3/4	2,194.73	3/4	2,552.81	3/4	2,910.80	3/4	3,268.77
4	95.72	4	415.98	4	772.43	4	1,127.97	4	1,486.04	4	1,844.12	4	2,202.19	4	2,560.27	4	2,918.25	4	3,276.23
1/4	101.91	1/4	423.22	1/4	779.84	1/4	1,135.43	1/4	1,493.50	1/4	1,851.58	1/4	2,209.65	1/4	2,567.73	1/4	2,925.71	1/4	3,283.69
1/2	108.10	1/2	430.46	1/2	787.25	1/2	1,142.89	1/2	1,500.96	1/2	1,859.04	1/2	2,217.11	1/2	2,575.19	1/2	2,933.17	1/2	3,291.15
3/4	114.29	3/4	437.70	3/4	794.66	3/4	1,150.34	3/4	1,508.42	3/4	1,866.50	3/4	2,224.57	3/4	2,582.65	3/4	2,940.63	3/4	3,298.61
5	120.48	5	444.94	5	802.07	5	1,157.80	5	1,515.88	5	1,873.96	5	2,232.03	5	2,590.11	5	2,948.08	5	3,306.06
1/4	126.76	1/4	452.27	1/4	809.47	1/4	1,165.26	1/4	1,523.34	1/4	1,881.42	1/4	2,239.49	1/4	2,597.56	1/4	2,955.54	1/4	3,313.52
1/2	133.04	1/2	459.60	1/2	816.87	1/2	1,172.72	1/2	1,530.80	1/2	1,888.88	1/2	2,246.95	1/2	2,605.02	1/2	2,963.00	1/2	3,320.98
3/4	139.31	3/4	466.93	3/4	824.27	3/4	1,180.18	3/4	1,538.26	3/4	1,896.33	3/4	2,254.41	3/4	2,612.48	3/4	2,970.46	3/4	3,328.44
6	145.59	6	474.26	6	831.67	6	1,187.64	6	1,545.72	6	1,903.79	6	2,261.87	6	2,619.94	6	2,977.92	6	3,335.90
1/4	151.96	1/4	481.67	1/4	839.07	1/4	1,195.10	1/4	1,553.18	1/4	1,911.25	1/4	2,269.33	1/4	2,627.40	1/4	2,985.37	1/4	3,343.35
1/2	158.32	1/2	489.09	1/2	846.47	1/2	1,202.56	1/2	1,560.64	1/2	1,918.71	1/2	2,276.79	1/2	2,634.85	1/2	2,992.83	1/2	3,350.81
3/4	164.69	3/4	496.50	3/4	853.87	3/4	1,210.02	3/4	1,568.10	3/4	1,926.17	3/4	2,284.25	3/4	2,642.31	3/4	3,000.29	3/4	3,358.27
7	171.06	7	503.92	7	861.27	7	1,217.48	7	1,575.56	7	1,933.63	7	2,291.71	7	2,649.77	7	3,007.75	7	3,365.73
1/4	177.51	1/4	511.38	1/4	868.67	1/4	1,224.94	1/4	1,583.02	1/4	1,941.09	1/4	2,299.17	1/4	2,657.23	1/4	3,015.21	1/4	3,373.19
1/2	183.96	1/2	518.84	1/2	876.08	1/2	1,232.40	1/2	1,590.48	1/2	1,948.55	1/2	2,306.63	1/2	2,664.68	1/2	3,022.66	1/2	3,380.64
3/4	190.42	3/4	526.30	3/4	883.48	3/4	1,239.86	3/4	1,597.94	3/4	1,956.01	3/4	2,314.09	3/4	2,672.14	3/4	3,030.12	3/4	3,388.10
8	196.87	8	533.76	8	890.88	8	1,247.32	8	1,605.40	8	1,963.47	8	2,321.55	8	2,679.60	8	3,037.58	8	3,395.56
1/4	203.41	1/4	541.21	1/4	898.28	1/4	1,254.78	1/4	1,612.86	1/4	1,970.93	1/4	2,329.01	1/4	2,687.06	1/4	3,045.04	1/4	3,403.02
1/2	209.95	1/2	548.67	1/2	905.68	1/2	1,262.24	1/2	1,620.32	1/2	1,978.39	1/2	2,336.47	1/2	2,694.52	1/2	3,052.50	1/2	3,410.47
3/4	216.49	3/4	556.12	3/4	913.08	3/4	1,269.70	3/4	1,627.78	3/4	1,985.85	3/4	2,343.93	3/4	2,701.97	3/4	3,059.95	3/4	3,417.93
9	223.03	9	563.58	9	920.48	9	1,277.16	9	1,635.24	9	1,993.31	9	2,351.39	9	2,709.43	9	3,067.41	9	3,425.39
1/4	229.66	1/4	571.03	1/4	927.88	1/4	1,284.62	1/4	1,642.70	1/4	2,000.77	1/4	2,358.85	1/4	2,716.89	1/4	3,074.87	1/4	3,432.85
1/2	236.29	1/2	578.49	1/2	935.28	1/2	1,292.08	1/2	1,650.16	1/2	2,008.23	1/2	2,366.31	1/2	2,724.35	1/2	3,082.33	1/2	3,440.31
3/4	242.92	3/4	585.94	3/4	942.68	3/4	1,299.54	3/4	1,657.62	3/4	2,015.69	3/4	2,373.77	3/4	2,731.81	3/4	3,089.78	3/4	3,447.76
10	249.54	10	593.39	10	950.09	10	1,307.00	10	1,665.08	10	2,023.15	10	2,381.23	10	2,739.26	10	3,097.24	10	3,455.22
1/4	256.26	1/4	600.85	1/4	957.49	1/4	1,314.46	1/4	1,672.54	1/4	2,030.61	1/4	2,388.69	1/4	2,746.72	1/4	3,104.70	1/4	3,462.68
1/2	262.98	1/2	608.31	1/2	964.89	1/2	1,321.92	1/2	1,680.00	1/2	2,038.07	1/2	2,396.15	1/2	2,754.18	1/2	3,112.16	1/2	3,470.14
3/4	269.69	3/4	615.77	3/4	972.29	3/4	1,329.38	3/4	1,687.46	3/4	2,045.53	3/4	2,403.61	3/4	2,761.64	3/4	3,119.62	3/4	3,477.60
11	276.41	11	623.23	11	979.69	11	1,336.84	11	1,694.92	11	2,052.99	11	2,411.07	11	2,769.10	11	3,127.07	11	3,485.05
1/4	283.21	1/4	630.69	1/4	987.09	1/4	1,344.30	1/4	1,702.38	1/4	2,060.45	1/4	2,418.53	1/4	2,776.55	1/4	3,134.53	1/4	3,492.51
1/2	290.02	1/2	638.15	1/2	994.49	1/2	1,351.76	1/2	1,709.84	1/2	2,067.91	1/2	2,425.99	1/2	2,784.01	1/2	3,141.99	1/2	3,499.97
3/4	296.82	3/4	645.61	3/4	1,001.89	3/4	1,359.22	3/4	1,717.30	3/4	2,075.37	3/4	2,433.45	3/4	2,791.47	3/4	3,149.45	3/4	3,507.43

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 OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "MMLP 334"

1 PORT

INNAGE TABLE
HERMETIC

GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	3,514.89	0	3,872.86	0	4,230.15	0	4,587.08	0	4,942.20	0		0		0		0		0	
1/4	3,522.34	1/4	3,880.32	1/4	4,237.58	1/4	4,594.51	1/4	4,949.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,529.80	1/2	3,887.78	1/2	4,245.02	1/2	4,601.95	1/2	4,956.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,537.26	3/4	3,895.24	3/4	4,252.45	3/4	4,609.39	3/4	4,964.08	3/4		3/4		3/4		3/4		3/4	
1	3,544.72	1	3,902.70	1	4,259.89	1	4,616.82	1	4,971.37	1		1		1		1		1	
1/4	3,552.17	1/4	3,910.15	1/4	4,267.33	1/4	4,624.26	1/4	4,977.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,559.63	1/2	3,917.61	1/2	4,274.76	1/2	4,631.70	1/2	4,984.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,567.09	3/4	3,925.07	3/4	4,282.20	3/4	4,639.13	3/4	4,990.67	3/4		3/4		3/4		3/4		3/4	
2	3,574.55	2	3,932.53	2	4,289.63	2	4,646.57	2	4,997.10	2		2		2		2		2	
1/4	3,582.01	1/4	3,939.99	1/4	4,297.07	1/4	4,654.00	1/4	5,002.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,589.46	1/2	3,947.44	1/2	4,304.51	1/2	4,661.44	1/2	5,007.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,596.92	3/4	3,954.90	3/4	4,311.94	3/4	4,668.88	3/4	5,012.67	3/4		3/4		3/4		3/4		3/4	
3	3,604.38	3	3,962.36	3	4,319.38	3	4,676.31	3	5,017.85	3		3		3		3		3	
1/4	3,611.84	1/4	3,969.82	1/4	4,326.82	1/4	4,683.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,619.30	1/2	3,977.27	1/2	4,334.25	1/2	4,691.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,626.75	3/4	3,984.73	3/4	4,341.69	3/4	4,698.62	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,634.21	4	3,992.19	4	4,349.12	4	4,706.06	4		4		4		4		4		4	
1/4	3,641.67	1/4	3,999.63	1/4	4,356.56	1/4	4,713.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,649.13	1/2	4,007.06	1/2	4,364.00	1/2	4,720.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,656.59	3/4	4,014.50	3/4	4,371.43	3/4	4,728.36	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,664.04	5	4,021.94	5	4,378.87	5	4,735.80	5		5		5		5		5		5	
1/4	3,671.50	1/4	4,029.37	1/4	4,386.30	1/4	4,743.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,678.96	1/2	4,036.81	1/2	4,393.74	1/2	4,750.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,686.42	3/4	4,044.24	3/4	4,401.18	3/4	4,758.11	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,693.87	6	4,051.68	6	4,408.61	6	4,765.55	6		6		6		6		6		6	
1/4	3,701.33	1/4	4,059.12	1/4	4,416.05	1/4	4,772.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.79	1/2	4,066.55	1/2	4,423.48	1/2	4,780.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.25	3/4	4,073.99	3/4	4,430.92	3/4	4,787.63	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,723.71	7	4,081.42	7	4,438.36	7	4,795.00	7		7		7		7		7		7	
1/4	3,731.16	1/4	4,088.86	1/4	4,445.79	1/4	4,802.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.62	1/2	4,096.30	1/2	4,453.23	1/2	4,809.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,746.08	3/4	4,103.73	3/4	4,460.67	3/4	4,817.08	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,753.54	8	4,111.17	8	4,468.10	8	4,824.45	8		8		8		8		8		8	
1/4	3,761.00	1/4	4,118.60	1/4	4,475.54	1/4	4,831.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,768.45	1/2	4,126.04	1/2	4,482.97	1/2	4,839.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,775.91	3/4	4,133.48	3/4	4,490.41	3/4	4,846.53	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,783.37	9	4,140.91	9	4,497.85	9	4,853.90	9		9		9		9		9		9	
1/4	3,790.83	1/4	4,148.35	1/4	4,505.28	1/4	4,861.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.29	1/2	4,155.78	1/2	4,512.72	1/2	4,868.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,805.74	3/4	4,163.22	3/4	4,520.15	3/4	4,875.99	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,813.20	10	4,170.66	10	4,527.59	10	4,883.35	10		10		10		10		10		10	
1/4	3,820.66	1/4	4,178.09	1/4	4,535.03	1/4	4,890.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,828.12	1/2	4,185.53	1/2	4,542.46	1/2	4,898.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.57	3/4	4,192.97	3/4	4,549.90	3/4	4,905.44	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,843.03	11	4,200.40	11	4,557.33	11	4,912.80	11		11		11		11		11		11	
1/4	3,850.49	1/4	4,207.84	1/4	4,564.77	1/4	4,920.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,857.95	1/2	4,215.27	1/2	4,572.21	1/2	4,927.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,865.41	3/4	4,222.71	3/4	4,579.64	3/4	4,934.85	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED:02/20/2019 SW
CALCULATED: 02/21/2019 CL
PRINTED: 02/23/2019 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 334"

1 STBD INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	15.27	0	303.30	0	652.45	0	1,009.78	0	1,367.40	0	1,725.13	0	2,082.85	0	2,440.58	0	2,798.25	0	3,155.88
1/4	18.31	1/4	310.18	1/4	659.90	1/4	1,017.22	1/4	1,374.86	1/4	1,732.58	1/4	2,090.31	1/4	2,448.03	1/4	2,805.70	1/4	3,163.33
1/2	21.35	1/2	317.07	1/2	667.36	1/2	1,024.66	1/2	1,382.31	1/2	1,740.03	1/2	2,097.76	1/2	2,455.48	1/2	2,813.15	1/2	3,170.78
3/4	24.39	3/4	323.95	3/4	674.81	3/4	1,032.10	3/4	1,389.76	3/4	1,747.49	3/4	2,105.21	3/4	2,462.94	3/4	2,820.60	3/4	3,178.23
1	27.43	1	330.84	1	682.26	1	1,039.54	1	1,397.21	1	1,754.94	1	2,112.66	1	2,470.39	1	2,828.05	1	3,185.68
1/4	32.42	1/4	337.81	1/4	689.71	1/4	1,046.98	1/4	1,404.67	1/4	1,762.39	1/4	2,120.12	1/4	2,477.84	1/4	2,835.50	1/4	3,193.13
1/2	37.40	1/2	344.78	1/2	697.17	1/2	1,054.43	1/2	1,412.12	1/2	1,769.84	1/2	2,127.57	1/2	2,485.29	1/2	2,842.95	1/2	3,200.58
3/4	42.39	3/4	351.75	3/4	704.62	3/4	1,061.88	3/4	1,419.57	3/4	1,777.30	3/4	2,135.02	3/4	2,492.75	3/4	2,850.40	3/4	3,208.03
2	47.38	2	358.72	2	712.07	2	1,069.32	2	1,427.02	2	1,784.75	2	2,142.47	2	2,500.20	2	2,857.85	2	3,215.48
1/4	53.35	1/4	365.78	1/4	719.52	1/4	1,076.77	1/4	1,434.48	1/4	1,792.20	1/4	2,149.93	1/4	2,507.65	1/4	2,865.30	1/4	3,222.93
1/2	59.33	1/2	372.84	1/2	726.98	1/2	1,084.22	1/2	1,441.93	1/2	1,799.65	1/2	2,157.38	1/2	2,515.10	1/2	2,872.75	1/2	3,230.38
3/4	65.30	3/4	379.90	3/4	734.43	3/4	1,091.66	3/4	1,449.38	3/4	1,807.11	3/4	2,164.83	3/4	2,522.56	3/4	2,880.20	3/4	3,237.83
3	71.27	3	386.96	3	741.88	3	1,099.11	3	1,456.83	3	1,814.56	3	2,172.28	3	2,530.01	3	2,887.65	3	3,245.28
1/4	77.36	1/4	394.10	1/4	749.34	1/4	1,106.56	1/4	1,464.29	1/4	1,822.01	1/4	2,179.74	1/4	2,537.46	1/4	2,895.10	1/4	3,252.73
1/2	83.45	1/2	401.25	1/2	756.79	1/2	1,114.01	1/2	1,471.74	1/2	1,829.46	1/2	2,187.19	1/2	2,544.91	1/2	2,902.55	1/2	3,260.18
3/4	89.53	3/4	408.40	3/4	764.24	3/4	1,121.47	3/4	1,479.19	3/4	1,836.92	3/4	2,194.64	3/4	2,552.37	3/4	2,910.01	3/4	3,267.63
4	95.62	4	415.54	4	771.69	4	1,128.92	4	1,486.64	4	1,844.37	4	2,202.09	4	2,559.82	4	2,917.46	4	3,275.08
1/4	101.80	1/4	422.78	1/4	779.15	1/4	1,136.37	1/4	1,494.10	1/4	1,851.82	1/4	2,209.55	1/4	2,567.27	1/4	2,924.91	1/4	3,282.54
1/2	107.98	1/2	430.01	1/2	786.60	1/2	1,143.83	1/2	1,501.55	1/2	1,859.27	1/2	2,217.00	1/2	2,574.72	1/2	2,932.36	1/2	3,289.99
3/4	114.17	3/4	437.24	3/4	794.05	3/4	1,151.28	3/4	1,509.00	3/4	1,866.73	3/4	2,224.45	3/4	2,582.18	3/4	2,939.81	3/4	3,297.44
5	120.35	5	444.48	5	801.50	5	1,158.73	5	1,516.46	5	1,874.18	5	2,231.90	5	2,589.63	5	2,947.26	5	3,304.89
1/4	126.62	1/4	451.80	1/4	808.94	1/4	1,166.18	1/4	1,523.91	1/4	1,881.63	1/4	2,239.36	1/4	2,597.08	1/4	2,954.71	1/4	3,312.34
1/2	132.89	1/2	459.12	1/2	816.38	1/2	1,173.64	1/2	1,531.36	1/2	1,889.09	1/2	2,246.81	1/2	2,604.53	1/2	2,962.16	1/2	3,319.79
3/4	139.16	3/4	466.44	3/4	823.82	3/4	1,181.09	3/4	1,538.81	3/4	1,896.54	3/4	2,254.26	3/4	2,611.98	3/4	2,969.61	3/4	3,327.24
6	145.43	6	473.76	6	831.26	6	1,188.54	6	1,546.27	6	1,903.99	6	2,261.72	6	2,619.43	6	2,977.06	6	3,334.69
1/4	151.79	1/4	481.17	1/4	838.70	1/4	1,195.99	1/4	1,553.72	1/4	1,911.44	1/4	2,269.17	1/4	2,626.88	1/4	2,984.51	1/4	3,342.14
1/2	158.15	1/2	488.58	1/2	846.13	1/2	1,203.45	1/2	1,561.17	1/2	1,918.90	1/2	2,276.62	1/2	2,634.33	1/2	2,991.96	1/2	3,349.59
3/4	164.51	3/4	495.99	3/4	853.57	3/4	1,210.90	3/4	1,568.62	3/4	1,926.35	3/4	2,284.07	3/4	2,641.78	3/4	2,999.41	3/4	3,357.04
7	170.87	7	503.40	7	861.01	7	1,218.35	7	1,576.08	7	1,933.80	7	2,291.53	7	2,649.23	7	3,006.86	7	3,364.49
1/4	177.32	1/4	510.85	1/4	868.45	1/4	1,225.80	1/4	1,583.53	1/4	1,941.25	1/4	2,298.98	1/4	2,656.69	1/4	3,014.31	1/4	3,371.94
1/2	183.76	1/2	518.30	1/2	875.89	1/2	1,233.26	1/2	1,590.98	1/2	1,948.71	1/2	2,306.43	1/2	2,664.14	1/2	3,021.76	1/2	3,379.39
3/4	190.21	3/4	525.76	3/4	883.33	3/4	1,240.71	3/4	1,598.43	3/4	1,956.16	3/4	2,313.88	3/4	2,671.59	3/4	3,029.22	3/4	3,386.84
8	196.66	8	533.21	8	890.77	8	1,248.16	8	1,605.89	8	1,963.61	8	2,321.34	8	2,679.04	8	3,036.67	8	3,394.29
1/4	203.19	1/4	540.66	1/4	898.20	1/4	1,255.61	1/4	1,613.34	1/4	1,971.06	1/4	2,328.79	1/4	2,686.49	1/4	3,044.12	1/4	3,401.75
1/2	209.72	1/2	548.11	1/2	905.64	1/2	1,263.07	1/2	1,620.79	1/2	1,978.52	1/2	2,336.24	1/2	2,693.94	1/2	3,051.57	1/2	3,409.20
3/4	216.26	3/4	555.57	3/4	913.08	3/4	1,270.52	3/4	1,628.24	3/4	1,985.97	3/4	2,343.69	3/4	2,701.39	3/4	3,059.02	3/4	3,416.65
9	222.79	9	563.02	9	920.52	9	1,277.97	9	1,635.70	9	1,993.42	9	2,351.15	9	2,708.84	9	3,066.47	9	3,424.10
1/4	229.41	1/4	570.47	1/4	927.96	1/4	1,285.42	1/4	1,643.15	1/4	2,000.87	1/4	2,358.60	1/4	2,716.29	1/4	3,073.92	1/4	3,431.55
1/2	236.04	1/2	577.93	1/2	935.40	1/2	1,292.88	1/2	1,650.60	1/2	2,008.33	1/2	2,366.05	1/2	2,723.74	1/2	3,081.37	1/2	3,439.00
3/4	242.66	3/4	585.38	3/4	942.83	3/4	1,300.33	3/4	1,658.05	3/4	2,015.78	3/4	2,373.50	3/4	2,731.19	3/4	3,088.82	3/4	3,446.45
10	249.28	10	592.83	10	950.27	10	1,307.78	10	1,665.51	10	2,023.23	10	2,380.96	10	2,738.64	10	3,096.27	10	3,453.90
1/4	255.99	1/4	600.28	1/4	957.71	1/4	1,315.24	1/4	1,672.96	1/4	2,030.68	1/4	2,388.41	1/4	2,746.09	1/4	3,103.72	1/4	3,461.35
1/2	262.70	1/2	607.74	1/2	965.15	1/2	1,322.69	1/2	1,680.41	1/2	2,038.14	1/2	2,395.86	1/2	2,753.54	1/2	3,111.17	1/2	3,468.80
3/4	269.41	3/4	615.19	3/4	972.59	3/4	1,330.14	3/4	1,687.87	3/4	2,045.59	3/4	2,403.31	3/4	2,760.99	3/4	3,118.62	3/4	3,476.25
11	276.11	11	622.64	11	980.03	11	1,337.59	11	1,695.32	11	2,053.04	11	2,410.77	11	2,768.44	11	3,126.07	11	3,483.70
1/4	282.91	1/4	630.09	1/4	987.47	1/4	1,345.05	1/4	1,702.77	1/4	2,060.50	1/4	2,418.22	1/4	2,775.89	1/4	3,133.52	1/4	3,491.15
1/2	289.71	1/2	637.55	1/2	994.90	1/2	1,352.50	1/2	1,710.22	1/2	2,067.95	1/2	2,425.67	1/2	2,783.35	1/2	3,140.97	1/2	3,498.60
3/4	296.50	3/4	645.00	3/4	1,002.34	3/4	1,359.95	3/4	1,717.68	3/4	2,075.40	3/4	2,433.13	3/4	2,790.80	3/4	3,148.42	3/4	3,506.05

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 OF 2" HERMETIC VALVE
 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 "MMLP 334"

1 STBD

INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-09 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	3,513.50	0	3,871.13	0	4,228.06	0	4,584.63	0	4,939.39	0		0		0		0		0	
1/4	3,520.95	1/4	3,878.58	1/4	4,235.49	1/4	4,592.06	1/4	4,946.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,528.41	1/2	3,886.03	1/2	4,242.91	1/2	4,599.49	1/2	4,953.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,535.86	3/4	3,893.48	3/4	4,250.34	3/4	4,606.92	3/4	4,961.25	3/4		3/4		3/4		3/4		3/4	
1	3,543.31	1	3,900.94	1	4,257.77	1	4,614.34	1	4,968.54	1		1		1		1		1	
1/4	3,550.76	1/4	3,908.39	1/4	4,265.20	1/4	4,621.77	1/4	4,974.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,558.21	1/2	3,915.84	1/2	4,272.63	1/2	4,629.20	1/2	4,981.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,565.66	3/4	3,923.29	3/4	4,280.06	3/4	4,636.63	3/4	4,987.81	3/4		3/4		3/4		3/4		3/4	
2	3,573.11	2	3,930.74	2	4,287.49	2	4,644.06	2	4,994.24	2		2		2		2		2	
1/4	3,580.56	1/4	3,938.19	1/4	4,294.92	1/4	4,651.49	1/4	4,999.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,588.01	1/2	3,945.64	1/2	4,302.34	1/2	4,658.92	1/2	5,004.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,595.46	3/4	3,953.09	3/4	4,309.77	3/4	4,666.35	3/4	5,009.79	3/4		3/4		3/4		3/4		3/4	
3	3,602.91	3	3,960.54	3	4,317.20	3	4,673.77	3	5,014.97	3		3		3		3		3	
1/4	3,610.36	1/4	3,967.99	1/4	4,324.63	1/4	4,681.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,617.81	1/2	3,975.44	1/2	4,332.06	1/2	4,688.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,625.26	3/4	3,982.89	3/4	4,339.49	3/4	4,696.06	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,632.71	4	3,990.34	4	4,346.92	4	4,703.49	4		4		4		4		4		4	
1/4	3,640.16	1/4	3,997.77	1/4	4,354.34	1/4	4,710.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,647.61	1/2	4,005.20	1/2	4,361.77	1/2	4,718.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,655.07	3/4	4,012.63	3/4	4,369.20	3/4	4,725.77	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,662.52	5	4,020.06	5	4,376.63	5	4,733.20	5		5		5		5		5		5	
1/4	3,669.97	1/4	4,027.49	1/4	4,384.06	1/4	4,740.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,677.42	1/2	4,034.91	1/2	4,391.49	1/2	4,748.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,684.87	3/4	4,042.34	3/4	4,398.92	3/4	4,755.49	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,692.32	6	4,049.77	6	4,406.34	6	4,762.92	6		6		6		6		6		6	
1/4	3,699.77	1/4	4,057.20	1/4	4,413.77	1/4	4,770.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,707.22	1/2	4,064.63	1/2	4,421.20	1/2	4,777.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,714.67	3/4	4,072.06	3/4	4,428.63	3/4	4,784.98	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,722.12	7	4,079.49	7	4,436.06	7	4,792.34	7		7		7		7		7		7	
1/4	3,729.57	1/4	4,086.91	1/4	4,443.49	1/4	4,799.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,737.02	1/2	4,094.34	1/2	4,450.92	1/2	4,807.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.47	3/4	4,101.77	3/4	4,458.34	3/4	4,814.40	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,751.92	8	4,109.20	8	4,465.77	8	4,821.76	8		8		8		8		8		8	
1/4	3,759.37	1/4	4,116.63	1/4	4,473.20	1/4	4,829.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.82	1/2	4,124.06	1/2	4,480.63	1/2	4,836.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,774.28	3/4	4,131.49	3/4	4,488.06	3/4	4,843.82	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,781.73	9	4,138.91	9	4,495.49	9	4,851.18	9		9		9		9		9		9	
1/4	3,789.18	1/4	4,146.34	1/4	4,502.92	1/4	4,858.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,796.63	1/2	4,153.77	1/2	4,510.34	1/2	4,865.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,804.08	3/4	4,161.20	3/4	4,517.77	3/4	4,873.25	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,811.53	10	4,168.63	10	4,525.20	10	4,880.61	10		10		10		10		10		10	
1/4	3,818.98	1/4	4,176.06	1/4	4,532.63	1/4	4,887.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,826.43	1/2	4,183.49	1/2	4,540.06	1/2	4,895.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,833.88	3/4	4,190.91	3/4	4,547.49	3/4	4,902.67	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,841.33	11	4,198.34	11	4,554.92	11	4,910.02	11		11		11		11		11		11	
1/4	3,848.78	1/4	4,205.77	1/4	4,562.34	1/4	4,917.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,856.23	1/2	4,213.20	1/2	4,569.77	1/2	4,924.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,863.68	3/4	4,220.63	3/4	4,577.20	3/4	4,932.05	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED:02/20/2019 SW
CALCULATED: 02/21/2019 CL
PRINTED: 02/23/2019 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 334"

2 PORT INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	15.32	0	359.02	0	717.88	0	1,067.01	0	1,421.13	0	1,779.98	0	2,138.84	0	2,497.70	0	2,856.56	0	3,215.41
1/4	19.99	1/4	366.50	1/4	725.36	1/4	1,074.18	1/4	1,428.60	1/4	1,877.46	1/4	2,146.32	1/4	2,505.17	1/4	2,864.03	1/4	3,222.89
1/2	24.66	1/2	373.97	1/2	732.83	1/2	1,081.35	1/2	1,436.08	1/2	1,794.94	1/2	2,153.79	1/2	2,512.65	1/2	2,871.51	1/2	3,230.37
3/4	29.33	3/4	381.45	3/4	740.31	3/4	1,088.52	3/4	1,443.55	3/4	1,802.41	3/4	2,161.27	3/4	2,520.13	3/4	2,878.98	3/4	3,237.84
1	34.01	1	388.93	1	747.78	1	1,095.69	1	1,451.03	1	1,809.89	1	2,168.75	1	2,527.60	1	2,886.46	1	3,245.32
1/4	40.55	1/4	396.40	1/4	755.26	1/4	1,102.87	1/4	1,458.51	1/4	1,817.36	1/4	2,176.22	1/4	2,535.08	1/4	2,893.94	1/4	3,252.79
1/2	47.09	1/2	403.88	1/2	762.74	1/2	1,110.05	1/2	1,465.98	1/2	1,824.84	1/2	2,183.70	1/2	2,542.56	1/2	2,901.41	1/2	3,260.27
3/4	53.63	3/4	411.36	3/4	770.21	3/4	1,117.22	3/4	1,473.46	3/4	1,832.32	3/4	2,191.17	3/4	2,550.03	3/4	2,908.89	3/4	3,267.75
2	60.17	2	418.83	2	777.69	2	1,124.40	2	1,480.94	2	1,839.79	2	2,198.65	2	2,557.51	2	2,916.37	2	3,275.22
1/4	67.61	1/4	426.31	1/4	785.17	1/4	1,131.58	1/4	1,488.41	1/4	1,847.27	1/4	2,206.13	1/4	2,564.98	1/4	2,923.84	1/4	3,282.70
1/2	75.05	1/2	433.78	1/2	792.64	1/2	1,138.76	1/2	1,495.89	1/2	1,854.75	1/2	2,213.60	1/2	2,572.46	1/2	2,931.32	1/2	3,290.18
3/4	82.49	3/4	441.26	3/4	800.12	3/4	1,145.93	3/4	1,503.36	3/4	1,862.22	3/4	2,221.08	3/4	2,579.94	3/4	2,938.79	3/4	3,297.65
3	89.93	3	448.74	3	807.59	3	1,153.11	3	1,510.84	3	1,869.70	3	2,228.56	3	2,587.41	3	2,946.27	3	3,305.13
1/4	97.39	1/4	456.21	1/4	815.07	1/4	1,160.31	1/4	1,518.32	1/4	1,877.17	1/4	2,236.03	1/4	2,594.89	1/4	2,953.75	1/4	3,312.60
1/2	104.86	1/2	463.69	1/2	822.55	1/2	1,167.50	1/2	1,525.79	1/2	1,884.65	1/2	2,243.51	1/2	2,602.37	1/2	2,961.22	1/2	3,320.08
3/4	112.32	3/4	471.17	3/4	830.02	3/4	1,174.69	3/4	1,533.27	3/4	1,892.13	3/4	2,250.98	3/4	2,609.84	3/4	2,968.70	3/4	3,327.56
4	119.79	4	478.64	4	837.50	4	1,181.89	4	1,540.74	4	1,899.60	4	2,258.46	4	2,617.32	4	2,976.18	4	3,335.03
1/4	127.26	1/4	486.12	1/4	844.69	1/4	1,189.36	1/4	1,548.22	1/4	1,907.08	1/4	2,265.94	1/4	2,624.79	1/4	2,983.65	1/4	3,342.51
1/2	134.74	1/2	493.59	1/2	851.88	1/2	1,196.84	1/2	1,555.70	1/2	1,914.55	1/2	2,273.41	1/2	2,632.27	1/2	2,991.13	1/2	3,349.99
3/4	142.21	3/4	501.07	3/4	859.08	3/4	1,204.32	3/4	1,563.17	3/4	1,922.03	3/4	2,280.89	3/4	2,639.75	3/4	2,998.60	3/4	3,357.46
5	149.69	5	508.55	5	866.27	5	1,211.79	5	1,570.65	5	1,929.51	5	2,288.36	5	2,647.22	5	3,006.08	5	3,364.94
1/4	157.16	1/4	516.02	1/4	873.44	1/4	1,219.27	1/4	1,578.13	1/4	1,936.98	1/4	2,295.84	1/4	2,654.70	1/4	3,013.56	1/4	3,372.41
1/2	164.64	1/2	523.50	1/2	880.61	1/2	1,226.74	1/2	1,585.60	1/2	1,944.46	1/2	2,303.32	1/2	2,662.17	1/2	3,021.03	1/2	3,379.89
3/4	172.12	3/4	530.97	3/4	887.78	3/4	1,234.22	3/4	1,593.08	3/4	1,951.94	3/4	2,310.79	3/4	2,669.65	3/4	3,028.51	3/4	3,387.37
6	179.59	6	538.45	6	894.95	6	1,241.70	6	1,600.55	6	1,959.41	6	2,318.27	6	2,677.13	6	3,035.98	6	3,394.84
1/4	187.07	1/4	545.93	1/4	902.12	1/4	1,249.17	1/4	1,608.03	1/4	1,966.89	1/4	2,325.75	1/4	2,684.60	1/4	3,043.46	1/4	3,402.32
1/2	194.55	1/2	553.40	1/2	909.29	1/2	1,256.65	1/2	1,615.51	1/2	1,974.36	1/2	2,333.22	1/2	2,692.08	1/2	3,050.94	1/2	3,409.79
3/4	202.02	3/4	560.88	3/4	916.46	3/4	1,264.13	3/4	1,622.98	3/4	1,981.84	3/4	2,340.70	3/4	2,699.56	3/4	3,058.41	3/4	3,417.27
7	209.50	7	568.36	7	923.62	7	1,271.60	7	1,630.46	7	1,989.32	7	2,348.17	7	2,707.03	7	3,065.89	7	3,424.75
1/4	216.97	1/4	575.83	1/4	930.79	1/4	1,279.08	1/4	1,637.94	1/4	1,996.79	1/4	2,355.65	1/4	2,714.51	1/4	3,073.37	1/4	3,432.22
1/2	224.45	1/2	583.31	1/2	937.96	1/2	1,286.55	1/2	1,645.41	1/2	2,004.27	1/2	2,363.13	1/2	2,721.98	1/2	3,080.84	1/2	3,439.70
3/4	231.93	3/4	590.78	3/4	945.13	3/4	1,294.03	3/4	1,652.89	3/4	2,011.75	3/4	2,370.60	3/4	2,729.46	3/4	3,088.32	3/4	3,447.18
8	239.40	8	598.26	8	952.30	8	1,301.51	8	1,660.36	8	2,019.22	8	2,378.08	8	2,736.94	8	3,095.79	8	3,454.65
1/4	246.88	1/4	605.74	1/4	959.47	1/4	1,308.98	1/4	1,667.84	1/4	2,026.70	1/4	2,385.56	1/4	2,744.41	1/4	3,103.27	1/4	3,462.13
1/2	254.36	1/2	613.21	1/2	966.64	1/2	1,316.46	1/2	1,675.32	1/2	2,034.17	1/2	2,393.03	1/2	2,751.89	1/2	3,110.75	1/2	3,469.60
3/4	261.83	3/4	620.69	3/4	973.81	3/4	1,323.93	3/4	1,682.79	3/4	2,041.65	3/4	2,400.51	3/4	2,759.37	3/4	3,118.22	3/4	3,477.08
9	269.31	9	628.17	9	980.98	9	1,331.41	9	1,690.27	9	2,049.13	9	2,407.98	9	2,766.84	9	3,125.70	9	3,484.56
1/4	276.78	1/4	635.64	1/4	988.15	1/4	1,338.89	1/4	1,697.74	1/4	2,056.60	1/4	2,415.46	1/4	2,774.32	1/4	3,133.18	1/4	3,492.03
1/2	284.26	1/2	643.12	1/2	995.32	1/2	1,346.36	1/2	1,705.22	1/2	2,064.08	1/2	2,422.94	1/2	2,781.79	1/2	3,140.65	1/2	3,499.51
3/4	291.74	3/4	650.59	3/4	1,002.49	3/4	1,353.84	3/4	1,712.70	3/4	2,071.55	3/4	2,430.41	3/4	2,789.27	3/4	3,148.13	3/4	3,506.99
10	299.21	10	658.07	10	1,009.66	10	1,361.32	10	1,720.17	10	2,079.03	10	2,437.89	10	2,796.75	10	3,155.60	10	3,514.46
1/4	306.69	1/4	665.55	1/4	1,016.83	1/4	1,368.79	1/4	1,727.65	1/4	2,086.51	1/4	2,445.36	1/4	2,804.22	1/4	3,163.08	1/4	3,521.94
1/2	314.17	1/2	673.02	1/2	1,024.00	1/2	1,376.27	1/2	1,735.13	1/2	2,093.98	1/2	2,452.84	1/2	2,811.70	1/2	3,170.56	1/2	3,529.41
3/4	321.64	3/4	680.50	3/4	1,031.17	3/4	1,383.74	3/4	1,742.60	3/4	2,101.46	3/4	2,460.32	3/4	2,819.17	3/4	3,178.03	3/4	3,536.89
11	329.12	11	687.97	11	1,038.34	11	1,391.22	11	1,750.08	11	2,108.94	11	2,467.79	11	2,826.65	11	3,185.51	11	3,544.37
1/4	336.59	1/4	695.45	1/4	1,045.50	1/4	1,398.70	1/4	1,757.55	1/4	2,116.41	1/4	2,475.27	1/4	2,834.13	1/4	3,192.98	1/4	3,551.84
1/2	344.07	1/2	702.93	1/2	1,052.67	1/2	1,406.17	1/2	1,765.03	1/2	2,123.89	1/2	2,482.75	1/2	2,841.60	1/2	3,200.46	1/2	3,559.32
3/4	351.55	3/4	710.40	3/4	1,059.84	3/4	1,413.65	3/4	1,772.51	3/4	2,131.36	3/4	2,490.22	3/4	2,849.08	3/4	3,207.94	3/4	3,566.79

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 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 "MMLP 334"

2 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	3,574.27	0	3,933.13	0	4,291.28	0	4,649.08	0	5,005.24	0		0		0		0		0	
1/4	3,581.75	1/4	3,940.60	1/4	4,298.74	1/4	4,656.54	1/4	5,012.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,589.22	1/2	3,948.08	1/2	4,306.19	1/2	4,663.99	1/2	5,019.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,596.70	3/4	3,955.56	3/4	4,313.64	3/4	4,671.45	3/4	5,027.19	3/4		3/4		3/4		3/4		3/4	
1	3,604.18	1	3,963.03	1	4,321.10	1	4,678.90	1	5,034.51	1		1		1		1		1	
1/4	3,611.65	1/4	3,970.51	1/4	4,328.55	1/4	4,686.35	1/4	5,040.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,619.13	1/2	3,977.99	1/2	4,336.01	1/2	4,693.81	1/2	5,047.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,626.60	3/4	3,985.46	3/4	4,343.46	3/4	4,701.26	3/4	5,053.87	3/4		3/4		3/4		3/4		3/4	
2	3,634.08	2	3,992.94	2	4,350.92	2	4,708.72	2	5,060.32	2		2		2		2		2	
1/4	3,641.56	1/4	4,000.41	1/4	4,358.37	1/4	4,716.17	1/4	5,065.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,649.03	1/2	4,007.89	1/2	4,365.82	1/2	4,723.63	1/2	5,070.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,656.51	3/4	4,015.37	3/4	4,373.28	3/4	4,731.08	3/4	5,075.94	3/4		3/4		3/4		3/4		3/4	
3	3,663.99	3	4,022.84	3	4,380.73	3	4,738.53	3	5,081.15	3		3		3		3		3	
1/4	3,671.46	1/4	4,030.32	1/4	4,388.19	1/4	4,745.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,678.94	1/2	4,037.80	1/2	4,395.64	1/2	4,753.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,686.41	3/4	4,045.27	3/4	4,403.10	3/4	4,760.90	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,693.89	4	4,052.75	4	4,410.55	4	4,768.35	4		4		4		4		4		4	
1/4	3,701.37	1/4	4,060.20	1/4	4,418.00	1/4	4,775.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.84	1/2	4,067.66	1/2	4,425.46	1/2	4,783.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.32	3/4	4,075.11	3/4	4,432.91	3/4	4,790.71	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,723.80	5	4,082.56	5	4,440.37	5	4,798.17	5		5		5		5		5		5	
1/4	3,731.27	1/4	4,090.02	1/4	4,447.82	1/4	4,805.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.75	1/2	4,097.47	1/2	4,455.27	1/2	4,813.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,746.22	3/4	4,104.93	3/4	4,462.73	3/4	4,820.53	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,753.70	6	4,112.38	6	4,470.18	6	4,827.98	6		6		6		6		6		6	
1/4	3,761.18	1/4	4,119.84	1/4	4,477.64	1/4	4,835.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,768.65	1/2	4,127.29	1/2	4,485.09	1/2	4,842.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.13	3/4	4,134.74	3/4	4,492.55	3/4	4,850.15	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,783.60	7	4,142.20	7	4,500.00	7	4,857.54	7		7		7		7		7		7	
1/4	3,791.08	1/4	4,149.65	1/4	4,507.45	1/4	4,864.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.56	1/2	4,157.11	1/2	4,514.91	1/2	4,872.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,806.03	3/4	4,164.56	3/4	4,522.36	3/4	4,879.70	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,813.51	8	4,172.02	8	4,529.82	8	4,887.09	8		8		8		8		8		8	
1/4	3,820.99	1/4	4,179.47	1/4	4,537.27	1/4	4,894.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,828.46	1/2	4,186.92	1/2	4,544.73	1/2	4,901.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.94	3/4	4,194.38	3/4	4,552.18	3/4	4,909.26	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,843.41	9	4,201.83	9	4,559.63	9	4,916.65	9		9		9		9		9		9	
1/4	3,850.89	1/4	4,209.29	1/4	4,567.09	1/4	4,924.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.37	1/2	4,216.74	1/2	4,574.54	1/2	4,931.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,865.84	3/4	4,224.19	3/4	4,582.00	3/4	4,938.81	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,873.32	10	4,231.65	10	4,589.45	10	4,946.20	10		10		10		10		10		10	
1/4	3,880.80	1/4	4,239.10	1/4	4,596.90	1/4	4,953.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.27	1/2	4,246.56	1/2	4,604.36	1/2	4,960.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,895.75	3/4	4,254.01	3/4	4,611.81	3/4	4,968.36	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,903.22	11	4,261.47	11	4,619.27	11	4,975.74	11		11		11		11		11		11	
1/4	3,910.70	1/4	4,268.92	1/4	4,626.72	1/4	4,983.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,918.18	1/2	4,276.37	1/2	4,634.18	1/2	4,990.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,925.65	3/4	4,283.83	3/4	4,641.63	3/4	4,997.86	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED:02/20/2019 SW
CALCULATED: 02/21/2019 CL
PRINTED: 02/23/2019 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 334"

2 STBD INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	15.33	0	359.42	0	718.67	0	1,077.51	0	1,436.66	0	1,795.91	0	2,155.16	0	2,514.41	0	2,873.60	0	3,232.74
1/4	20.01	1/4	366.90	1/4	726.15	1/4	1,084.98	1/4	1,444.15	1/4	1,803.40	1/4	2,162.65	1/4	2,521.90	1/4	2,881.08	1/4	3,240.22
1/2	24.69	1/2	374.38	1/2	733.64	1/2	1,092.45	1/2	1,451.63	1/2	1,810.88	1/2	2,170.13	1/2	2,529.38	1/2	2,888.57	1/2	3,247.71
3/4	29.37	3/4	381.87	3/4	741.12	3/4	1,099.92	3/4	1,459.11	3/4	1,818.37	3/4	2,177.62	3/4	2,536.87	3/4	2,896.05	3/4	3,255.19
1	34.04	1	389.35	1	748.60	1	1,107.39	1	1,466.60	1	1,825.85	1	2,185.10	1	2,544.35	1	2,903.53	1	3,262.67
1/4	40.59	1/4	396.84	1/4	756.09	1/4	1,114.87	1/4	1,474.08	1/4	1,833.33	1/4	2,192.59	1/4	2,551.84	1/4	2,911.01	1/4	3,270.15
1/2	47.14	1/2	404.32	1/2	763.57	1/2	1,122.35	1/2	1,481.57	1/2	1,840.82	1/2	2,200.07	1/2	2,559.32	1/2	2,918.49	1/2	3,277.63
3/4	53.69	3/4	411.81	3/4	771.06	3/4	1,129.83	3/4	1,489.05	3/4	1,848.30	3/4	2,207.55	3/4	2,566.81	3/4	2,925.98	3/4	3,285.12
2	60.23	2	419.29	2	778.54	2	1,137.31	2	1,496.54	2	1,855.79	2	2,215.04	2	2,574.29	2	2,933.46	2	3,292.60
1/4	67.68	1/4	426.78	1/4	786.03	1/4	1,144.79	1/4	1,504.02	1/4	1,863.27	1/4	2,222.52	1/4	2,581.77	1/4	2,940.94	1/4	3,300.08
1/2	75.13	1/2	434.26	1/2	793.51	1/2	1,152.26	1/2	1,511.50	1/2	1,870.76	1/2	2,230.01	1/2	2,589.26	1/2	2,948.42	1/2	3,307.56
3/4	82.58	3/4	441.74	3/4	801.00	3/4	1,159.74	3/4	1,518.99	3/4	1,878.24	3/4	2,237.49	3/4	2,596.74	3/4	2,955.90	3/4	3,315.04
3	90.03	3	449.23	3	808.48	3	1,167.22	3	1,526.47	3	1,885.72	3	2,244.98	3	2,604.23	3	2,963.39	3	3,322.53
1/4	97.50	1/4	456.71	1/4	815.96	1/4	1,174.71	1/4	1,533.96	1/4	1,893.21	1/4	2,252.46	1/4	2,611.71	1/4	2,970.87	1/4	3,330.01
1/2	104.97	1/2	464.20	1/2	823.45	1/2	1,182.19	1/2	1,541.44	1/2	1,900.69	1/2	2,259.94	1/2	2,619.20	1/2	2,978.35	1/2	3,337.49
3/4	112.45	3/4	471.68	3/4	830.93	3/4	1,189.68	3/4	1,548.93	3/4	1,908.18	3/4	2,267.43	3/4	2,626.68	3/4	2,985.83	3/4	3,344.97
4	119.92	4	479.17	4	838.42	4	1,197.16	4	1,556.41	4	1,915.66	4	2,274.91	4	2,634.16	4	2,993.31	4	3,352.46
1/4	127.40	1/4	486.65	1/4	845.90	1/4	1,204.64	1/4	1,563.90	1/4	1,923.15	1/4	2,282.40	1/4	2,641.65	1/4	3,000.80	1/4	3,359.94
1/2	134.89	1/2	494.14	1/2	853.39	1/2	1,212.13	1/2	1,571.38	1/2	1,930.63	1/2	2,289.88	1/2	2,649.13	1/2	3,008.28	1/2	3,367.42
3/4	142.37	3/4	501.62	3/4	860.87	3/4	1,219.61	3/4	1,578.86	3/4	1,938.12	3/4	2,297.37	3/4	2,656.62	3/4	3,015.76	3/4	3,374.90
5	149.85	5	509.10	5	868.36	5	1,227.10	5	1,586.35	5	1,945.60	5	2,304.85	5	2,664.10	5	3,023.24	5	3,382.38
1/4	157.34	1/4	516.59	1/4	875.82	1/4	1,234.58	1/4	1,593.83	1/4	1,953.08	1/4	2,312.34	1/4	2,671.58	1/4	3,030.73	1/4	3,389.87
1/2	164.82	1/2	524.07	1/2	883.29	1/2	1,242.07	1/2	1,601.32	1/2	1,960.57	1/2	2,319.82	1/2	2,679.07	1/2	3,038.21	1/2	3,397.35
3/4	172.31	3/4	531.56	3/4	890.76	3/4	1,249.55	3/4	1,608.80	3/4	1,968.05	3/4	2,327.30	3/4	2,686.55	3/4	3,045.69	3/4	3,404.83
6	179.79	6	539.04	6	898.23	6	1,257.04	6	1,616.29	6	1,975.54	6	2,334.79	6	2,694.03	6	3,053.17	6	3,412.31
1/4	187.27	1/4	546.53	1/4	905.70	1/4	1,264.52	1/4	1,623.77	1/4	1,983.02	1/4	2,342.27	1/4	2,701.51	1/4	3,060.65	1/4	3,419.79
1/2	194.76	1/2	554.01	1/2	913.17	1/2	1,272.00	1/2	1,631.26	1/2	1,990.51	1/2	2,349.76	1/2	2,708.99	1/2	3,068.14	1/2	3,427.28
3/4	202.24	3/4	561.49	3/4	920.64	3/4	1,279.49	3/4	1,638.74	3/4	1,997.99	3/4	2,357.24	3/4	2,716.48	3/4	3,075.62	3/4	3,434.76
7	209.73	7	568.98	7	928.11	7	1,286.97	7	1,646.22	7	2,005.48	7	2,364.73	7	2,723.96	7	3,083.10	7	3,442.24
1/4	217.21	1/4	576.46	1/4	935.58	1/4	1,294.46	1/4	1,653.71	1/4	2,012.96	1/4	2,372.21	1/4	2,731.44	1/4	3,090.58	1/4	3,449.72
1/2	224.70	1/2	583.95	1/2	943.05	1/2	1,301.94	1/2	1,661.19	1/2	2,020.44	1/2	2,379.70	1/2	2,738.92	1/2	3,098.06	1/2	3,457.20
3/4	232.18	3/4	591.43	3/4	950.52	3/4	1,309.43	3/4	1,668.68	3/4	2,027.93	3/4	2,387.18	3/4	2,746.41	3/4	3,105.55	3/4	3,464.69
8	239.67	8	598.92	8	957.99	8	1,316.91	8	1,676.16	8	2,035.41	8	2,394.66	8	2,753.89	8	3,113.03	8	3,472.17
1/4	247.15	1/4	606.40	1/4	965.46	1/4	1,324.39	1/4	1,683.65	1/4	2,042.90	1/4	2,402.15	1/4	2,761.37	1/4	3,120.51	1/4	3,479.65
1/2	254.63	1/2	613.89	1/2	972.93	1/2	1,331.88	1/2	1,691.13	1/2	2,050.38	1/2	2,409.63	1/2	2,768.85	1/2	3,127.99	1/2	3,487.13
3/4	262.12	3/4	621.37	3/4	980.40	3/4	1,339.36	3/4	1,698.61	3/4	2,057.87	3/4	2,417.12	3/4	2,776.33	3/4	3,135.47	3/4	3,494.62
9	269.60	9	628.85	9	987.87	9	1,346.85	9	1,706.10	9	2,065.35	9	2,424.60	9	2,783.82	9	3,142.96	9	3,502.10
1/4	277.09	1/4	636.34	1/4	995.34	1/4	1,354.33	1/4	1,713.58	1/4	2,072.83	1/4	2,432.09	1/4	2,791.30	1/4	3,150.44	1/4	3,509.58
1/2	284.57	1/2	643.82	1/2	1,002.81	1/2	1,361.82	1/2	1,721.07	1/2	2,080.32	1/2	2,439.57	1/2	2,798.78	1/2	3,157.92	1/2	3,517.06
3/4	292.06	3/4	651.31	3/4	1,010.28	3/4	1,369.30	3/4	1,728.55	3/4	2,087.80	3/4	2,447.05	3/4	2,806.26	3/4	3,165.40	3/4	3,524.54
10	299.54	10	658.79	10	1,017.75	10	1,376.79	10	1,736.04	10	2,095.29	10	2,454.54	10	2,813.74	10	3,172.89	10	3,532.03
1/4	307.03	1/4	666.28	1/4	1,025.22	1/4	1,384.27	1/4	1,743.52	1/4	2,102.77	1/4	2,462.02	1/4	2,821.23	1/4	3,180.37	1/4	3,539.51
1/2	314.51	1/2	673.76	1/2	1,032.69	1/2	1,391.75	1/2	1,751.01	1/2	2,110.26	1/2	2,469.51	1/2	2,828.71	1/2	3,187.85	1/2	3,546.99
3/4	321.99	3/4	681.25	3/4	1,040.16	3/4	1,399.24	3/4	1,758.49	3/4	2,117.74	3/4	2,476.99	3/4	2,836.19	3/4	3,195.33	3/4	3,554.47
11	329.48	11	688.73	11	1,047.63	11	1,406.72	11	1,765.97	11	2,125.23	11	2,484.48	11	2,843.67	11	3,202.81	11	3,561.95
1/4	336.96	1/4	696.21	1/4	1,055.10	1/4	1,414.21	1/4	1,773.46	1/4	2,132.71	1/4	2,491.96	1/4	2,851.15	1/4	3,210.30	1/4	3,569.44
1/2	344.45	1/2	703.70	1/2	1,062.57	1/2	1,421.69	1/2	1,780.94	1/2	2,140.19	1/2	2,499.45	1/2	2,858.64	1/2	3,217.78	1/2	3,576.92
3/4	351.93	3/4	711.18	3/4	1,070.04	3/4	1,429.18	3/4	1,788.43	3/4	2,147.68	3/4	2,506.93	3/4	2,866.12	3/4	3,225.26	3/4	3,584.40

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 OF 2" HERMETIC VALVE
 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 "MMLP 334"

2 STBD

INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-09 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	3,591.88	0	3,951.02	0	4,309.48	0	4,667.59	0	5,023.88	0		0		0		0		0	
1/4	3,599.36	1/4	3,958.51	1/4	4,316.94	1/4	4,675.05	1/4	5,031.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,606.85	1/2	3,965.99	1/2	4,324.40	1/2	4,682.51	1/2	5,038.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,614.33	3/4	3,973.47	3/4	4,331.86	3/4	4,689.97	3/4	5,045.83	3/4		3/4		3/4		3/4		3/4	
1	3,621.81	1	3,980.95	1	4,339.32	1	4,697.43	1	5,053.15	1		1		1		1		1	
1/4	3,629.29	1/4	3,988.43	1/4	4,346.78	1/4	4,704.89	1/4	5,059.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,636.78	1/2	3,995.92	1/2	4,354.24	1/2	4,712.35	1/2	5,066.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.26	3/4	4,003.40	3/4	4,361.70	3/4	4,719.81	3/4	5,072.51	3/4		3/4		3/4		3/4		3/4	
2	3,651.74	2	4,010.88	2	4,369.16	2	4,727.27	2	5,078.97	2		2		2		2		2	
1/4	3,659.22	1/4	4,018.36	1/4	4,376.62	1/4	4,734.73	1/4	5,084.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,666.70	1/2	4,025.84	1/2	4,384.08	1/2	4,742.19	1/2	5,089.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,674.19	3/4	4,033.33	3/4	4,391.54	3/4	4,749.65	3/4	5,094.58	3/4		3/4		3/4		3/4		3/4	
3	3,681.67	3	4,040.81	3	4,399.00	3	4,757.11	3	5,099.79	3		3		3		3		3	
1/4	3,689.15	1/4	4,048.29	1/4	4,406.46	1/4	4,764.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,696.63	1/2	4,055.77	1/2	4,413.92	1/2	4,772.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,704.11	3/4	4,063.25	3/4	4,421.39	3/4	4,779.49	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,711.60	4	4,070.74	4	4,428.85	4	4,786.95	4		4		4		4		4		4	
1/4	3,719.08	1/4	4,078.20	1/4	4,436.31	1/4	4,794.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,726.56	1/2	4,085.66	1/2	4,443.77	1/2	4,801.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,734.04	3/4	4,093.12	3/4	4,451.23	3/4	4,809.34	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,741.52	5	4,100.58	5	4,458.69	5	4,816.80	5		5		5		5		5		5	
1/4	3,749.01	1/4	4,108.04	1/4	4,466.15	1/4	4,824.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.49	1/2	4,115.50	1/2	4,473.61	1/2	4,831.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,763.97	3/4	4,122.96	3/4	4,481.07	3/4	4,839.18	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,771.45	6	4,130.42	6	4,488.53	6	4,846.64	6		6		6		6		6		6	
1/4	3,778.94	1/4	4,137.88	1/4	4,495.99	1/4	4,854.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.42	1/2	4,145.34	1/2	4,503.45	1/2	4,861.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,793.90	3/4	4,152.80	3/4	4,510.91	3/4	4,868.80	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,801.38	7	4,160.26	7	4,518.37	7	4,876.19	7		7		7		7		7		7	
1/4	3,808.86	1/4	4,167.72	1/4	4,525.83	1/4	4,883.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,816.35	1/2	4,175.19	1/2	4,533.29	1/2	4,890.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,823.83	3/4	4,182.65	3/4	4,540.75	3/4	4,898.35	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,831.31	8	4,190.11	8	4,548.22	8	4,905.73	8		8		8		8		8		8	
1/4	3,838.79	1/4	4,197.57	1/4	4,555.68	1/4	4,913.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,846.27	1/2	4,205.03	1/2	4,563.14	1/2	4,920.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,853.76	3/4	4,212.49	3/4	4,570.60	3/4	4,927.89	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,861.24	9	4,219.95	9	4,578.06	9	4,935.28	9		9		9		9		9		9	
1/4	3,868.72	1/4	4,227.41	1/4	4,585.52	1/4	4,942.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,876.20	1/2	4,234.87	1/2	4,592.98	1/2	4,950.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,883.68	3/4	4,242.33	3/4	4,600.44	3/4	4,957.45	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,891.17	10	4,249.79	10	4,607.90	10	4,964.83	10		10		10		10		10		10	
1/4	3,898.65	1/4	4,257.25	1/4	4,615.36	1/4	4,972.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,906.13	1/2	4,264.71	1/2	4,622.82	1/2	4,979.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,913.61	3/4	4,272.17	3/4	4,630.28	3/4	4,987.00	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,921.10	11	4,279.63	11	4,637.74	11	4,994.38	11		11		11		11		11		11	
1/4	3,928.58	1/4	4,287.09	1/4	4,645.20	1/4	5,001.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,936.06	1/2	4,294.56	1/2	4,652.66	1/2	5,009.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,943.54	3/4	4,302.02	3/4	4,660.12	3/4	5,016.51	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED:02/20/2019 SW
CALCULATED: 02/21/2019 CL
PRINTED: 02/23/2019 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 334"

3 PORT INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	15.26	0	357.63	0	714.63	0	1,061.98	0	1,414.98	0	1,771.67	0	2,127.64	0	2,484.32	0	2,840.72	0	3,197.09
1/4	19.92	1/4	365.07	1/4	722.07	1/4	1,069.12	1/4	1,422.41	1/4	1,779.09	1/4	2,135.07	1/4	2,491.75	1/4	2,848.14	1/4	3,204.49
1/2	24.57	1/2	372.51	1/2	729.51	1/2	1,076.26	1/2	1,429.85	1/2	1,786.51	1/2	2,142.50	1/2	2,499.17	1/2	2,855.57	1/2	3,211.88
3/4	29.23	3/4	379.94	3/4	736.94	3/4	1,083.40	3/4	1,437.28	3/4	1,793.92	3/4	2,149.93	3/4	2,506.60	3/4	2,862.99	3/4	3,219.28
1	33.89	1	387.38	1	744.38	1	1,090.54	1	1,444.71	1	1,801.34	1	2,157.36	1	2,514.03	1	2,870.42	1	3,226.67
1/4	40.40	1/4	394.82	1/4	751.82	1/4	1,097.76	1/4	1,452.14	1/4	1,808.75	1/4	2,164.79	1/4	2,521.45	1/4	2,877.84	1/4	3,234.07
1/2	46.92	1/2	402.26	1/2	759.26	1/2	1,104.97	1/2	1,459.58	1/2	1,816.17	1/2	2,172.22	1/2	2,528.88	1/2	2,885.26	1/2	3,241.47
3/4	53.44	3/4	409.69	3/4	766.69	3/4	1,112.18	3/4	1,467.01	3/4	1,823.59	3/4	2,179.65	3/4	2,536.30	3/4	2,892.69	3/4	3,248.86
2	59.95	2	417.13	2	774.13	2	1,119.39	2	1,474.44	2	1,831.00	2	2,187.08	2	2,543.73	2	2,900.11	2	3,256.26
1/4	67.36	1/4	424.57	1/4	781.57	1/4	1,126.60	1/4	1,481.87	1/4	1,838.42	1/4	2,194.50	1/4	2,551.15	1/4	2,907.54	1/4	3,263.65
1/2	74.78	1/2	432.01	1/2	789.01	1/2	1,133.81	1/2	1,489.31	1/2	1,845.84	1/2	2,201.93	1/2	2,558.58	1/2	2,914.96	1/2	3,271.05
3/4	82.19	3/4	439.44	3/4	796.44	3/4	1,141.03	3/4	1,496.74	3/4	1,853.25	3/4	2,209.36	3/4	2,566.00	3/4	2,922.39	3/4	3,278.45
3	89.60	3	446.88	3	803.88	3	1,148.24	3	1,504.17	3	1,860.67	3	2,216.79	3	2,573.43	3	2,929.81	3	3,285.84
1/4	97.04	1/4	454.32	1/4	811.25	1/4	1,155.46	1/4	1,511.60	1/4	1,868.08	1/4	2,224.22	1/4	2,580.86	1/4	2,937.24	1/4	3,293.24
1/2	104.48	1/2	461.76	1/2	818.63	1/2	1,162.69	1/2	1,519.04	1/2	1,875.50	1/2	2,231.65	1/2	2,588.28	1/2	2,944.66	1/2	3,300.63
3/4	111.92	3/4	469.19	3/4	826.00	3/4	1,169.91	3/4	1,526.47	3/4	1,882.92	3/4	2,239.08	3/4	2,595.71	3/4	2,952.08	3/4	3,308.03
4	119.36	4	476.63	4	833.37	4	1,177.14	4	1,533.90	4	1,890.33	4	2,246.51	4	2,603.13	4	2,959.51	4	3,315.43
1/4	126.81	1/4	484.07	1/4	840.54	1/4	1,184.57	1/4	1,541.33	1/4	1,897.75	1/4	2,253.94	1/4	2,610.56	1/4	2,966.93	1/4	3,322.82
1/2	134.25	1/2	491.51	1/2	847.70	1/2	1,192.01	1/2	1,548.77	1/2	1,905.16	1/2	2,261.37	1/2	2,617.98	1/2	2,974.36	1/2	3,330.22
3/4	141.70	3/4	498.94	3/4	854.87	3/4	1,199.44	3/4	1,556.20	3/4	1,912.58	3/4	2,268.80	3/4	2,625.41	3/4	2,981.78	3/4	3,337.61
5	149.15	5	506.38	5	862.03	5	1,206.87	5	1,563.63	5	1,920.00	5	2,276.22	5	2,632.84	5	2,989.21	5	3,345.01
1/4	156.60	1/4	513.82	1/4	869.17	1/4	1,214.30	1/4	1,571.06	1/4	1,927.41	1/4	2,283.66	1/4	2,640.26	1/4	2,996.63	1/4	3,352.40
1/2	164.05	1/2	521.26	1/2	876.31	1/2	1,221.74	1/2	1,578.50	1/2	1,934.83	1/2	2,291.09	1/2	2,647.68	1/2	3,004.06	1/2	3,359.79
3/4	171.50	3/4	528.69	3/4	883.45	3/4	1,229.17	3/4	1,585.93	3/4	1,942.24	3/4	2,298.53	3/4	2,655.11	3/4	3,011.48	3/4	3,367.19
6	178.95	6	536.13	6	890.59	6	1,236.60	6	1,593.36	6	1,949.66	6	2,305.96	6	2,662.53	6	3,018.90	6	3,374.58
1/4	186.39	1/4	543.57	1/4	897.74	1/4	1,244.03	1/4	1,600.79	1/4	1,957.08	1/4	2,313.40	1/4	2,669.96	1/4	3,026.33	1/4	3,381.96
1/2	193.84	1/2	551.01	1/2	904.88	1/2	1,251.47	1/2	1,608.23	1/2	1,964.49	1/2	2,320.83	1/2	2,677.38	1/2	3,033.75	1/2	3,389.34
3/4	201.29	3/4	558.44	3/4	912.02	3/4	1,258.90	3/4	1,615.66	3/4	1,971.91	3/4	2,328.27	3/4	2,684.81	3/4	3,041.18	3/4	3,396.72
7	208.74	7	565.88	7	919.16	7	1,266.33	7	1,623.09	7	1,979.33	7	2,335.70	7	2,692.23	7	3,048.60	7	3,404.11
1/4	216.19	1/4	573.32	1/4	926.30	1/4	1,273.76	1/4	1,630.52	1/4	1,986.74	1/4	2,343.14	1/4	2,699.65	1/4	3,056.03	1/4	3,411.26
1/2	223.64	1/2	580.76	1/2	933.44	1/2	1,281.20	1/2	1,637.96	1/2	1,994.16	1/2	2,350.57	1/2	2,707.08	1/2	3,063.45	1/2	3,418.42
3/4	231.09	3/4	588.19	3/4	940.58	3/4	1,288.63	3/4	1,645.39	3/4	2,001.57	3/4	2,358.01	3/4	2,714.50	3/4	3,070.87	3/4	3,425.57
8	238.54	8	595.63	8	947.72	8	1,296.06	8	1,652.82	8	2,008.99	8	2,365.44	8	2,721.93	8	3,078.30	8	3,432.73
1/4	245.99	1/4	603.07	1/4	954.86	1/4	1,303.49	1/4	1,660.25	1/4	2,016.41	1/4	2,372.88	1/4	2,729.35	1/4	3,085.72	1/4	3,439.41
1/2	253.44	1/2	610.51	1/2	962.01	1/2	1,310.93	1/2	1,667.68	1/2	2,023.82	1/2	2,380.31	1/2	2,736.78	1/2	3,093.15	1/2	3,446.08
3/4	260.89	3/4	617.94	3/4	969.15	3/4	1,318.36	3/4	1,675.12	3/4	2,031.24	3/4	2,387.74	3/4	2,744.20	3/4	3,100.57	3/4	3,452.76
9	268.33	9	625.38	9	976.29	9	1,325.79	9	1,682.55	9	2,038.65	9	2,395.18	9	2,751.63	9	3,108.00	9	3,459.44
1/4	275.78	1/4	632.82	1/4	983.43	1/4	1,333.22	1/4	1,689.98	1/4	2,046.06	1/4	2,402.61	1/4	2,759.05	1/4	3,115.42	1/4	3,465.64
1/2	283.23	1/2	640.26	1/2	990.57	1/2	1,340.66	1/2	1,697.41	1/2	2,053.47	1/2	2,410.05	1/2	2,766.47	1/2	3,122.85	1/2	3,471.84
3/4	290.68	3/4	647.69	3/4	997.71	3/4	1,348.09	3/4	1,704.85	3/4	2,060.88	3/4	2,417.48	3/4	2,773.90	3/4	3,130.27	3/4	3,478.04
10	298.13	10	655.13	10	1,004.85	10	1,355.52	10	1,712.28	10	2,068.29	10	2,424.92	10	2,781.32	10	3,137.69	10	3,484.24
1/4	305.57	1/4	662.57	1/4	1,011.99	1/4	1,362.95	1/4	1,719.71	1/4	2,075.70	1/4	2,432.34	1/4	2,788.75	1/4	3,145.12	1/4	3,489.97
1/2	313.01	1/2	670.01	1/2	1,019.13	1/2	1,370.39	1/2	1,727.14	1/2	2,083.11	1/2	2,439.77	1/2	2,796.17	1/2	3,152.54	1/2	3,495.71
3/4	320.44	3/4	677.44	3/4	1,026.27	3/4	1,377.82	3/4	1,734.58	3/4	2,090.52	3/4	2,447.20	3/4	2,803.60	3/4	3,159.97	3/4	3,501.44
11	327.88	11	684.88	11	1,033.42	11	1,385.25	11	1,742.01	11	2,097.93	11	2,454.62	11	2,811.02	11	3,167.39	11	3,507.17
1/4	335.32	1/4	692.32	1/4	1,040.56	1/4	1,392.68	1/4	1,749.43	1/4	2,105.36	1/4	2,462.05	1/4	2,818.45	1/4	3,174.82	1/4	3,512.43
1/2	342.76	1/2	699.76	1/2	1,047.70	1/2	1,400.12	1/2	1,756.84	1/2	2,112.78	1/2	2,469.47	1/2	2,825.87	1/2	3,182.24	1/2	3,517.68
3/4	350.19	3/4	707.19	3/4	1,054.84	3/4	1,407.55	3/4	1,764.26	3/4	2,120.21	3/4	2,476.90	3/4	2,833.29	3/4	3,189.67	3/4	3,522.94

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 OF 2" HERMETIC VALVE
 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 "MMLP 334"

3 PORT

INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	3,528.19	0	3,748.63	0	3,967.72	0	4,186.60	0	4,404.37	0		0		0		0		0	
1/4	3,533.00	1/4	3,753.21	1/4	3,972.28	1/4	4,191.16	1/4	4,408.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,537.82	1/2	3,757.78	1/2	3,976.84	1/2	4,195.72	1/2	4,413.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,542.63	3/4	3,762.35	3/4	3,981.40	3/4	4,200.28	3/4	4,417.79	3/4		3/4		3/4		3/4		3/4	
1	3,547.44	1	3,766.93	1	3,985.96	1	4,204.84	1	4,422.26	1		1		1		1		1	
1/4	3,552.01	1/4	3,771.50	1/4	3,990.52	1/4	4,209.40	1/4	4,426.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,556.59	1/2	3,776.07	1/2	3,995.08	1/2	4,213.96	1/2	4,430.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,561.16	3/4	3,780.64	3/4	3,999.64	3/4	4,218.52	3/4	4,434.10	3/4		3/4		3/4		3/4		3/4	
2	3,565.73	2	3,785.22	2	4,004.20	2	4,223.08	2	4,438.04	2		2		2		2		2	
1/4	3,570.30	1/4	3,789.79	1/4	4,008.76	1/4	4,227.64	1/4	4,441.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,574.88	1/2	3,794.36	1/2	4,013.32	1/2	4,232.20	1/2	4,444.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,579.45	3/4	3,798.93	3/4	4,017.88	3/4	4,236.76	3/4	4,447.59	3/4		3/4		3/4		3/4		3/4	
3	3,584.02	3	3,803.51	3	4,022.44	3	4,241.32	3	4,450.77	3		3		3		3		3	
1/4	3,588.59	1/4	3,808.08	1/4	4,027.00	1/4	4,245.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,593.17	1/2	3,812.65	1/2	4,031.56	1/2	4,250.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,597.74	3/4	3,817.22	3/4	4,036.12	3/4	4,255.00	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,602.31	4	3,821.80	4	4,040.68	4	4,259.56	4		4		4		4		4		4	
1/4	3,606.88	1/4	3,826.36	1/4	4,045.24	1/4	4,264.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,611.46	1/2	3,830.92	1/2	4,049.80	1/2	4,268.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,616.03	3/4	3,835.48	3/4	4,054.36	3/4	4,273.24	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,620.60	5	3,840.04	5	4,058.92	5	4,277.80	5		5		5		5		5		5	
1/4	3,625.17	1/4	3,844.60	1/4	4,063.48	1/4	4,282.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,629.75	1/2	3,849.16	1/2	4,068.04	1/2	4,286.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,634.32	3/4	3,853.72	3/4	4,072.60	3/4	4,291.48	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,638.89	6	3,858.28	6	4,077.16	6	4,296.04	6		6		6		6		6		6	
1/4	3,643.46	1/4	3,862.84	1/4	4,081.72	1/4	4,300.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,648.04	1/2	3,867.40	1/2	4,086.28	1/2	4,305.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,652.61	3/4	3,871.96	3/4	4,090.84	3/4	4,309.58	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,657.18	7	3,876.52	7	4,095.40	7	4,314.10	7		7		7		7		7		7	
1/4	3,661.76	1/4	3,881.08	1/4	4,099.96	1/4	4,318.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,666.33	1/2	3,885.64	1/2	4,104.52	1/2	4,323.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,670.90	3/4	3,890.20	3/4	4,109.08	3/4	4,327.64	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,675.47	8	3,894.76	8	4,113.64	8	4,332.15	8		8		8		8		8		8	
1/4	3,680.05	1/4	3,899.32	1/4	4,118.20	1/4	4,336.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.62	1/2	3,903.88	1/2	4,122.76	1/2	4,341.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,689.19	3/4	3,908.44	3/4	4,127.32	3/4	4,345.70	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,693.76	9	3,913.00	9	4,131.88	9	4,350.21	9		9		9		9		9		9	
1/4	3,698.34	1/4	3,917.56	1/4	4,136.44	1/4	4,354.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,702.91	1/2	3,922.12	1/2	4,141.00	1/2	4,359.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,707.48	3/4	3,926.68	3/4	4,145.56	3/4	4,363.76	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,712.05	10	3,931.24	10	4,150.12	10	4,368.28	10		10		10		10		10		10	
1/4	3,716.63	1/4	3,935.80	1/4	4,154.68	1/4	4,372.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,721.20	1/2	3,940.36	1/2	4,159.24	1/2	4,377.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,725.77	3/4	3,944.92	3/4	4,163.80	3/4	4,381.83	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,730.34	11	3,949.48	11	4,168.36	11	4,386.34	11		11		11		11		11		11	
1/4	3,734.92	1/4	3,954.04	1/4	4,172.92	1/4	4,390.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,739.49	1/2	3,958.60	1/2	4,177.48	1/2	4,395.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.06	3/4	3,963.16	3/4	4,182.04	3/4	4,399.86	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED:02/20/2019 SW
CALCULATED: 02/21/2019 CL
PRINTED: 02/23/2019 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 334"

3 STBD INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30066"

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	15.26	0	357.60	0	715.03	0	1,072.06	0	1,429.40	0	1,786.84	0	2,144.29	0	2,501.65	0	2,858.63	0	3,215.58
1/4	19.91	1/4	365.04	1/4	722.48	1/4	1,079.49	1/4	1,436.85	1/4	1,794.29	1/4	2,151.73	1/4	2,509.09	1/4	2,866.07	1/4	3,222.99
1/2	24.57	1/2	372.49	1/2	729.92	1/2	1,086.93	1/2	1,444.30	1/2	1,801.74	1/2	2,159.18	1/2	2,516.53	1/2	2,873.50	1/2	3,230.40
3/4	29.22	3/4	379.94	3/4	737.37	3/4	1,094.36	3/4	1,451.74	3/4	1,809.18	3/4	2,166.63	3/4	2,523.97	3/4	2,880.94	3/4	3,237.80
1	33.87	1	387.38	1	744.82	1	1,101.79	1	1,459.19	1	1,816.63	1	2,174.07	1	2,531.41	1	2,888.37	1	3,245.21
1/4	40.39	1/4	394.83	1/4	752.26	1/4	1,109.23	1/4	1,466.64	1/4	1,824.08	1/4	2,181.52	1/4	2,538.84	1/4	2,895.81	1/4	3,252.62
1/2	46.90	1/2	402.28	1/2	759.71	1/2	1,116.67	1/2	1,474.08	1/2	1,831.52	1/2	2,188.97	1/2	2,546.28	1/2	2,903.25	1/2	3,260.03
3/4	53.42	3/4	409.72	3/4	767.16	3/4	1,124.11	3/4	1,481.53	3/4	1,838.97	3/4	2,196.41	3/4	2,553.72	3/4	2,910.68	3/4	3,267.44
2	59.93	2	417.17	2	774.60	2	1,131.56	2	1,488.98	2	1,846.42	2	2,203.86	2	2,561.16	2	2,918.12	2	3,274.84
1/4	67.34	1/4	424.62	1/4	782.05	1/4	1,139.00	1/4	1,496.42	1/4	1,853.86	1/4	2,211.31	1/4	2,568.59	1/4	2,925.56	1/4	3,282.25
1/2	74.75	1/2	432.06	1/2	789.50	1/2	1,146.44	1/2	1,503.87	1/2	1,861.31	1/2	2,218.75	1/2	2,576.03	1/2	2,932.99	1/2	3,289.66
3/4	82.16	3/4	439.51	3/4	796.94	3/4	1,153.88	3/4	1,511.32	3/4	1,868.76	3/4	2,226.20	3/4	2,583.47	3/4	2,940.43	3/4	3,297.07
3	89.57	3	446.96	3	804.39	3	1,161.32	3	1,518.76	3	1,876.20	3	2,233.65	3	2,590.91	3	2,947.87	3	3,304.47
1/4	97.01	1/4	454.40	1/4	811.83	1/4	1,168.77	1/4	1,526.21	1/4	1,883.65	1/4	2,241.09	1/4	2,598.34	1/4	2,955.30	1/4	3,311.88
1/2	104.44	1/2	461.85	1/2	819.28	1/2	1,176.22	1/2	1,533.66	1/2	1,891.10	1/2	2,248.54	1/2	2,605.78	1/2	2,962.74	1/2	3,319.29
3/4	111.88	3/4	469.30	3/4	826.73	3/4	1,183.66	3/4	1,541.10	3/4	1,898.55	3/4	2,255.99	3/4	2,613.22	3/4	2,970.18	3/4	3,326.70
4	119.32	4	476.74	4	834.17	4	1,191.11	4	1,548.55	4	1,905.99	4	2,263.43	4	2,620.66	4	2,977.61	4	3,334.11
1/4	126.76	1/4	484.19	1/4	841.62	1/4	1,198.56	1/4	1,556.00	1/4	1,913.44	1/4	2,270.88	1/4	2,628.09	1/4	2,985.05	1/4	3,341.51
1/2	134.21	1/2	491.64	1/2	849.07	1/2	1,206.00	1/2	1,563.44	1/2	1,920.89	1/2	2,278.33	1/2	2,635.53	1/2	2,992.49	1/2	3,348.92
3/4	141.65	3/4	499.08	3/4	856.51	3/4	1,213.45	3/4	1,570.89	3/4	1,928.33	3/4	2,285.77	3/4	2,642.97	3/4	2,999.92	3/4	3,356.33
5	149.10	5	506.53	5	863.96	5	1,220.90	5	1,578.34	5	1,935.78	5	2,293.22	5	2,650.41	5	3,007.36	5	3,363.74
1/4	156.54	1/4	513.97	1/4	871.39	1/4	1,228.34	1/4	1,585.78	1/4	1,943.23	1/4	2,300.67	1/4	2,657.84	1/4	3,014.80	1/4	3,371.14
1/2	163.99	1/2	521.42	1/2	878.82	1/2	1,235.79	1/2	1,593.23	1/2	1,950.67	1/2	2,308.11	1/2	2,665.28	1/2	3,022.23	1/2	3,378.55
3/4	171.44	3/4	528.87	3/4	886.26	3/4	1,243.24	3/4	1,600.68	3/4	1,958.12	3/4	2,315.56	3/4	2,672.72	3/4	3,029.67	3/4	3,385.95
6	178.88	6	536.31	6	893.69	6	1,250.68	6	1,608.12	6	1,965.57	6	2,323.01	6	2,680.15	6	3,037.10	6	3,393.35
1/4	186.33	1/4	543.76	1/4	901.12	1/4	1,258.13	1/4	1,615.57	1/4	1,973.01	1/4	2,330.45	1/4	2,687.59	1/4	3,044.54	1/4	3,400.75
1/2	193.78	1/2	551.21	1/2	908.55	1/2	1,265.58	1/2	1,623.02	1/2	1,980.46	1/2	2,337.90	1/2	2,695.03	1/2	3,051.98	1/2	3,408.14
3/4	201.22	3/4	558.65	3/4	915.99	3/4	1,273.02	3/4	1,630.46	3/4	1,987.91	3/4	2,345.35	3/4	2,702.46	3/4	3,059.41	3/4	3,415.54
7	208.67	7	566.10	7	923.42	7	1,280.47	7	1,637.91	7	1,995.35	7	2,352.79	7	2,709.90	7	3,066.85	7	3,422.93
1/4	216.11	1/4	573.55	1/4	930.85	1/4	1,287.92	1/4	1,645.36	1/4	2,002.80	1/4	2,360.24	1/4	2,717.34	1/4	3,074.29	1/4	3,430.10
1/2	223.56	1/2	580.99	1/2	938.28	1/2	1,295.36	1/2	1,652.80	1/2	2,010.25	1/2	2,367.69	1/2	2,724.77	1/2	3,081.72	1/2	3,437.27
3/4	231.01	3/4	588.44	3/4	945.71	3/4	1,302.81	3/4	1,660.25	3/4	2,017.69	3/4	2,375.13	3/4	2,732.21	3/4	3,089.16	3/4	3,444.44
8	238.45	8	595.89	8	953.15	8	1,310.26	8	1,667.70	8	2,025.14	8	2,382.58	8	2,739.64	8	3,096.60	8	3,451.60
1/4	245.90	1/4	603.33	1/4	960.58	1/4	1,317.70	1/4	1,675.14	1/4	2,032.59	1/4	2,390.03	1/4	2,747.08	1/4	3,104.03	1/4	3,458.29
1/2	253.35	1/2	610.78	1/2	968.01	1/2	1,325.15	1/2	1,682.59	1/2	2,040.03	1/2	2,397.47	1/2	2,754.52	1/2	3,111.47	1/2	3,464.98
3/4	260.79	3/4	618.23	3/4	975.44	3/4	1,332.60	3/4	1,690.04	3/4	2,047.48	3/4	2,404.92	3/4	2,761.95	3/4	3,118.91	3/4	3,471.67
9	268.24	9	625.67	9	982.88	9	1,340.04	9	1,697.48	9	2,054.93	9	2,412.37	9	2,769.39	9	3,126.34	9	3,478.36
1/4	275.69	1/4	633.12	1/4	990.31	1/4	1,347.49	1/4	1,704.93	1/4	2,062.37	1/4	2,419.81	1/4	2,776.83	1/4	3,133.78	1/4	3,484.57
1/2	283.13	1/2	640.57	1/2	997.74	1/2	1,354.94	1/2	1,712.38	1/2	2,069.82	1/2	2,427.26	1/2	2,784.26	1/2	3,141.22	1/2	3,490.78
3/4	290.58	3/4	648.01	3/4	1,005.17	3/4	1,362.38	3/4	1,719.82	3/4	2,077.27	3/4	2,434.71	3/4	2,791.70	3/4	3,148.65	3/4	3,496.99
10	298.03	10	655.46	10	1,012.60	10	1,369.83	10	1,727.27	10	2,084.71	10	2,442.15	10	2,799.14	10	3,156.09	10	3,503.20
1/4	305.47	1/4	662.90	1/4	1,020.04	1/4	1,377.28	1/4	1,734.72	1/4	2,092.16	1/4	2,449.59	1/4	2,806.57	1/4	3,163.53	1/4	3,508.94
1/2	312.92	1/2	670.35	1/2	1,027.47	1/2	1,384.72	1/2	1,742.16	1/2	2,099.61	1/2	2,457.03	1/2	2,814.01	1/2	3,170.96	1/2	3,514.67
3/4	320.37	3/4	677.80	3/4	1,034.90	3/4	1,392.17	3/4	1,749.61	3/4	2,107.05	3/4	2,464.47	3/4	2,821.45	3/4	3,178.40	3/4	3,520.40
11	327.81	11	685.24	11	1,042.33	11	1,399.62	11	1,757.06	11	2,114.50	11	2,471.90	11	2,828.88	11	3,185.83	11	3,526.13
1/4	335.26	1/4	692.69	1/4	1,049.77	1/4	1,407.06	1/4	1,764.50	1/4	2,121.95	1/4	2,479.34	1/4	2,836.32	1/4	3,193.27	1/4	3,531.38
1/2	342.71	1/2	700.14	1/2	1,057.20	1/2	1,414.51	1/2	1,771.95	1/2	2,129.39	1/2	2,486.78	1/2	2,843.76	1/2	3,200.71	1/2	3,536.64
3/4	350.15	3/4	707.58	3/4	1,064.63	3/4	1,421.96	3/4	1,779.40	3/4	2,136.84	3/4	2,494.22	3/4	2,851.19	3/4	3,208.14	3/4	3,541.89

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 OF 2" HERMETIC VALVE
 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 "MMLP 334"

3 STBD

INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-09 1/2"

FORMERLY "SMS 30066"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,547.14	0	3,767.54	0	3,986.58	0	4,205.42	0	4,423.14	0		0		0		0		0	
1/4	3,551.95	1/4	3,772.11	1/4	3,991.14	1/4	4,209.98	1/4	4,427.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,556.77	1/2	3,776.69	1/2	3,995.70	1/2	4,214.54	1/2	4,432.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,561.58	3/4	3,781.26	3/4	4,000.26	3/4	4,219.09	3/4	4,436.56	3/4		3/4		3/4		3/4		3/4	
1	3,566.39	1	3,785.83	1	4,004.82	1	4,223.65	1	4,441.03	1		1		1		1		1	
1/4	3,570.96	1/4	3,790.40	1/4	4,009.38	1/4	4,228.21	1/4	4,444.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,575.53	1/2	3,794.97	1/2	4,013.94	1/2	4,232.77	1/2	4,448.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,580.10	3/4	3,799.54	3/4	4,018.49	3/4	4,237.33	3/4	4,452.86	3/4		3/4		3/4		3/4		3/4	
2	3,584.67	2	3,804.12	2	4,023.05	2	4,241.89	2	4,456.81	2		2		2		2		2	
1/4	3,589.25	1/4	3,808.69	1/4	4,027.61	1/4	4,246.45	1/4	4,459.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,593.82	1/2	3,813.26	1/2	4,032.17	1/2	4,251.01	1/2	4,463.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,598.39	3/4	3,817.83	3/4	4,036.73	3/4	4,255.57	3/4	4,466.35	3/4		3/4		3/4		3/4		3/4	
3	3,602.96	3	3,822.40	3	4,041.29	3	4,260.13	3	4,469.53	3		3		3		3		3	
1/4	3,607.53	1/4	3,826.97	1/4	4,045.85	1/4	4,264.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,612.10	1/2	3,831.55	1/2	4,050.41	1/2	4,269.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,616.68	3/4	3,836.12	3/4	4,054.97	3/4	4,273.80	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,621.25	4	3,840.69	4	4,059.53	4	4,278.36	4		4		4		4		4		4	
1/4	3,625.82	1/4	3,845.25	1/4	4,064.09	1/4	4,282.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,630.39	1/2	3,849.81	1/2	4,068.64	1/2	4,287.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,634.96	3/4	3,854.37	3/4	4,073.20	3/4	4,292.04	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,639.53	5	3,858.93	5	4,077.76	5	4,296.60	5		5		5		5		5		5	
1/4	3,644.11	1/4	3,863.49	1/4	4,082.32	1/4	4,301.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,648.68	1/2	3,868.04	1/2	4,086.88	1/2	4,305.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,653.25	3/4	3,872.60	3/4	4,091.44	3/4	4,310.28	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,657.82	6	3,877.16	6	4,096.00	6	4,314.84	6		6		6		6		6		6	
1/4	3,662.39	1/4	3,881.72	1/4	4,100.56	1/4	4,319.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,666.97	1/2	3,886.28	1/2	4,105.12	1/2	4,323.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,671.54	3/4	3,890.84	3/4	4,109.68	3/4	4,328.38	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,676.11	7	3,895.40	7	4,114.24	7	4,332.89	7		7		7		7		7		7	
1/4	3,680.68	1/4	3,899.96	1/4	4,118.79	1/4	4,337.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,685.25	1/2	3,904.52	1/2	4,123.35	1/2	4,341.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,689.82	3/4	3,909.08	3/4	4,127.91	3/4	4,346.43	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,694.40	8	3,913.64	8	4,132.47	8	4,350.95	8		8		8		8		8		8	
1/4	3,698.97	1/4	3,918.19	1/4	4,137.03	1/4	4,355.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,703.54	1/2	3,922.75	1/2	4,141.59	1/2	4,359.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.11	3/4	3,927.31	3/4	4,146.15	3/4	4,364.49	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,712.68	9	3,931.87	9	4,150.71	9	4,369.00	9		9		9		9		9		9	
1/4	3,717.25	1/4	3,936.43	1/4	4,155.27	1/4	4,373.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,721.83	1/2	3,940.99	1/2	4,159.83	1/2	4,378.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.40	3/4	3,945.55	3/4	4,164.39	3/4	4,382.55	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,730.97	10	3,950.11	10	4,168.94	10	4,387.06	10		10		10		10		10		10	
1/4	3,735.54	1/4	3,954.67	1/4	4,173.50	1/4	4,391.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.11	1/2	3,959.23	1/2	4,178.06	1/2	4,396.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.68	3/4	3,963.79	3/4	4,182.62	3/4	4,400.61	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,749.26	11	3,968.34	11	4,187.18	11	4,405.12	11		11		11		11		11		11	
1/4	3,753.83	1/4	3,972.90	1/4	4,191.74	1/4	4,409.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.40	1/2	3,977.46	1/2	4,196.30	1/2	4,414.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,762.97	3/4	3,982.02	3/4	4,200.86	3/4	4,418.64	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED:02/20/2019 SW
CALCULATED: 02/21/2019 CL
PRINTED: 02/23/2019 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 334"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMS 30066"

GAUGE HEIGHT 4'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	101	0	259	0	416	0	517	0		0		0		0		0	
1/4	1	1/4	104	1/4	262	1/4	419	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	107	1/2	265	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	110	3/4	269	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	113	1	272	1	428	1		1		1		1		1		1	
1/4	4	1/4	116	1/4	276	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	119	1/2	279	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	122	3/4	282	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	125	2	286	2	439	2		2		2		2		2		2	
1/4	9	1/4	129	1/4	289	1/4	442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	132	1/2	293	1/2	444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	135	3/4	296	3/4	447	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	138	3	300	3	450	3		3		3		3		3		3	
1/4	15	1/4	141	1/4	303	1/4	453	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	144	1/2	306	1/2	455	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	148	3/4	310	3/4	458	3/4		3/4		3/4		3/4		3/4		3/4	
4	21	4	151	4	313	4	460	4		4		4		4		4		4	
1/4	23	1/4	154	1/4	316	1/4	463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25	1/2	157	1/2	320	1/2	465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	161	3/4	323	3/4	468	3/4		3/4		3/4		3/4		3/4		3/4	
5	29	5	164	5	327	5	470	5		5		5		5		5		5	
1/4	31	1/4	167	1/4	330	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	170	1/2	333	1/2	475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	174	3/4	337	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	177	6	340	6	480	6		6		6		6		6		6	
1/4	40	1/4	180	1/4	343	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	184	1/2	347	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	187	3/4	350	3/4	486	3/4		3/4		3/4		3/4		3/4		3/4	
7	47	7	190	7	353	7	488	7		7		7		7		7		7	
1/4	49	1/4	194	1/4	356	1/4	490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	197	1/2	360	1/2	492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	201	3/4	363	3/4	494	3/4		3/4		3/4		3/4		3/4		3/4	
8	57	8	204	8	366	8	496	8		8		8		8		8		8	
1/4	59	1/4	207	1/4	369	1/4	498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	211	1/2	373	1/2	500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	214	3/4	376	3/4	502	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	217	9	379	9	504	9		9		9		9		9		9	
1/4	70	1/4	221	1/4	382	1/4	505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	224	1/2	385	1/2	507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	228	3/4	388	3/4	508	3/4		3/4		3/4		3/4		3/4		3/4	
10	78	10	231	10	392	10	510	10		10		10		10		10		10	
1/4	81	1/4	235	1/4	395	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84	1/2	238	1/2	398	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87	3/4	241	3/4	401	3/4	513	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	245	11	404	11	514	11		11		11		11		11		11	
1/4	92	1/4	248	1/4	407	1/4	515	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	252	1/2	410	1/2	516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	255	3/4	413	3/4	516	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

STRAPPED: 02/20/2019 CL
 CALCULATED: 02/21/2019 CL
 PRINTED: 02/23/2019 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "MMLP 334"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMS 30066"

GAUGE HEIGHT 5'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	430	0	1,014	0	1,630	0	2,191	0		0		0		0		0	
1/4	5	1/4	442	1/4	1,027	1/4	1,642	1/4	2,202	1/4		1/4		1/4		1/4		1/4	
1/2	11	1/2	453	1/2	1,040	1/2	1,655	1/2	2,212	1/2		1/2		1/2		1/2		1/2	
3/4	16	3/4	464	3/4	1,053	3/4	1,667	3/4	2,222	3/4		3/4		3/4		3/4		3/4	
1	21	1	475	1	1,065	1	1,680	1	2,232	1		1		1		1		1	
1/4	28	1/4	487	1/4	1,078	1/4	1,692	1/4	2,242	1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	498	1/2	1,091	1/2	1,705	1/2	2,252	1/2		1/2		1/2		1/2		1/2	
3/4	41	3/4	510	3/4	1,104	3/4	1,717	3/4	2,262	3/4		3/4		3/4		3/4		3/4	
2	48	2	522	2	1,117	2	1,729	2	2,272	2		2		2		2		2	
1/4	55	1/4	533	1/4	1,130	1/4	1,742	1/4	2,282	1/4		1/4		1/4		1/4		1/4	
1/2	63	1/2	545	1/2	1,143	1/2	1,754	1/2	2,291	1/2		1/2		1/2		1/2		1/2	
3/4	70	3/4	557	3/4	1,156	3/4	1,766	3/4	2,301	3/4		3/4		3/4		3/4		3/4	
3	78	3	568	3	1,168	3	1,779	3	2,310	3		3		3		3		3	
1/4	86	1/4	580	1/4	1,181	1/4	1,791	1/4	2,319	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	592	1/2	1,194	1/2	1,803	1/2	2,328	1/2		1/2		1/2		1/2		1/2	
3/4	102	3/4	604	3/4	1,207	3/4	1,815	3/4	2,338	3/4		3/4		3/4		3/4		3/4	
4	110	4	616	4	1,220	4	1,827	4	2,347	4		4		4		4		4	
1/4	119	1/4	628	1/4	1,233	1/4	1,839	1/4	2,355	1/4		1/4		1/4		1/4		1/4	
1/2	128	1/2	640	1/2	1,246	1/2	1,852	1/2	2,364	1/2		1/2		1/2		1/2		1/2	
3/4	136	3/4	652	3/4	1,259	3/4	1,864	3/4	2,373	3/4		3/4		3/4		3/4		3/4	
5	145	5	664	5	1,272	5	1,876	5	2,381	5		5		5		5		5	
1/4	154	1/4	676	1/4	1,284	1/4	1,887	1/4	2,390	1/4		1/4		1/4		1/4		1/4	
1/2	163	1/2	689	1/2	1,297	1/2	1,899	1/2	2,398	1/2		1/2		1/2		1/2		1/2	
3/4	172	3/4	701	3/4	1,310	3/4	1,911	3/4	2,406	3/4		3/4		3/4		3/4		3/4	
6	181	6	713	6	1,323	6	1,923	6	2,414	6		6		6		6		6	
1/4	191	1/4	725	1/4	1,336	1/4	1,935	1/4	2,421	1/4		1/4		1/4		1/4		1/4	
1/2	200	1/2	738	1/2	1,349	1/2	1,947	1/2	2,429	1/2		1/2		1/2		1/2		1/2	
3/4	210	3/4	750	3/4	1,362	3/4	1,958	3/4	2,436	3/4		3/4		3/4		3/4		3/4	
7	220	7	762	7	1,375	7	1,970	7	2,444	7		7		7		7		7	
1/4	229	1/4	775	1/4	1,388	1/4	1,982	1/4	2,450	1/4		1/4		1/4		1/4		1/4	
1/2	239	1/2	787	1/2	1,400	1/2	1,993	1/2	2,457	1/2		1/2		1/2		1/2		1/2	
3/4	249	3/4	799	3/4	1,413	3/4	2,005	3/4	2,464	3/4		3/4		3/4		3/4		3/4	
8	259	8	812	8	1,426	8	2,016	8	2,470	8		8		8		8		8	
1/4	270	1/4	824	1/4	1,439	1/4	2,027	1/4	2,476	1/4		1/4		1/4		1/4		1/4	
1/2	280	1/2	837	1/2	1,452	1/2	2,039	1/2	2,481	1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	849	3/4	1,464	3/4	2,050	3/4	2,486	3/4		3/4		3/4		3/4		3/4	
9	300	9	862	9	1,477	9	2,061	9	2,492	9		9		9		9		9	
1/4	311	1/4	875	1/4	1,490	1/4	2,072	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	321	1/2	887	1/2	1,503	1/2	2,084	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	332	3/4	900	3/4	1,516	3/4	2,095	3/4		3/4		3/4		3/4		3/4		3/4	
10	343	10	912	10	1,528	10	2,106	10		10		10		10		10		10	
1/4	353	1/4	925	1/4	1,541	1/4	2,117	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	364	1/2	938	1/2	1,554	1/2	2,127	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	375	3/4	951	3/4	1,566	3/4	2,138	3/4		3/4		3/4		3/4		3/4		3/4	
11	386	11	963	11	1,579	11	2,149	11		11		11		11		11		11	
1/4	397	1/4	976	1/4	1,592	1/4	2,160	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	408	1/2	989	1/2	1,604	1/2	2,170	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	419	3/4	1,002	3/4	1,617	3/4	2,181	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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ALL PRIOR TO 02/2019

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