



BARGE "MMLP 332"

INNAGE (HERMETIC)

	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	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
3 PORT	- 01-0/8	01-0/8	- 02-1/8	02-1/8	- 03-1/8	03-1/8	- 04-1/4	04-1/4	- 05-1/4	05-1/4	- 06-3/8	06-3/8
3 STBD	- 01-0/8	01-0/8	- 02-1/8	02-1/8	- 03-1/8	03-1/8	- 04-1/4	04-1/4	- 05-1/4	05-1/4	- 06-3/8	06-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-06"

November 29, 2018

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MMLP 332"

INNAGE (8" HATCH)

	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	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8	02-0/8	- 02-0/8
1 STBD	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8	02-0/8	- 02-0/8
2 PORT	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8	02-0/8	- 02-0/8
2 STBD	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8	02-0/8	- 02-0/8
3 PORT	- 01-1/8	01-1/8	- 02-3/8	02-3/8	- 03-1/2	03-1/2	- 04-5/8	04-5/8	- 05-6/8	05-6/8	- 07-0/8	07-0/8
3 STBD	- 01-1/8	01-1/8	- 02-3/8	02-3/8	- 03-1/2	03-1/2	- 04-5/8	04-5/8	- 05-6/8	05-6/8	- 07-0/8	07-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-5/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 237'-06"

November 29, 2018

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BARGE "MMLP 332"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	3,506.03	0	3,863.62	0	4,221.09	0	4,577.63	0	4,933.47	0		0		0		0		0	
1/4	3,513.48	1/4	3,871.07	1/4	4,228.51	1/4	4,585.06	1/4	4,940.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,520.93	1/2	3,878.52	1/2	4,235.94	1/2	4,592.49	1/2	4,946.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,528.38	3/4	3,885.97	3/4	4,243.37	3/4	4,599.92	3/4	4,953.25	3/4		3/4		3/4		3/4		3/4	
1	3,535.83	1	3,893.42	1	4,250.80	1	4,607.35	1	4,959.84	1		1		1		1		1	
1/4	3,543.27	1/4	3,900.87	1/4	4,258.23	1/4	4,614.78	1/4	4,965.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,550.72	1/2	3,908.32	1/2	4,265.65	1/2	4,622.20	1/2	4,970.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,558.17	3/4	3,915.77	3/4	4,273.08	3/4	4,629.63	3/4	4,976.09	3/4		3/4		3/4		3/4		3/4	
2	3,565.62	2	3,923.22	2	4,280.51	2	4,637.06	2	4,981.51	2		2		2		2		2	
1/4	3,573.07	1/4	3,930.67	1/4	4,287.94	1/4	4,644.49	1/4	4,985.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,580.52	1/2	3,938.12	1/2	4,295.37	1/2	4,651.92	1/2	4,990.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,587.97	3/4	3,945.57	3/4	4,302.79	3/4	4,659.34	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,595.42	3	3,953.02	3	4,310.22	3	4,666.77	3		3		3		3		3		3	
1/4	3,602.87	1/4	3,960.47	1/4	4,317.65	1/4	4,674.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,610.32	1/2	3,967.92	1/2	4,325.08	1/2	4,681.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,617.77	3/4	3,975.37	3/4	4,332.51	3/4	4,689.06	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,625.22	4	3,982.82	4	4,339.94	4	4,696.48	4		4		4		4		4		4	
1/4	3,632.67	1/4	3,990.27	1/4	4,347.36	1/4	4,703.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,640.12	1/2	3,997.72	1/2	4,354.79	1/2	4,711.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,647.57	3/4	4,005.17	3/4	4,362.22	3/4	4,718.77	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,655.02	5	4,012.62	5	4,369.65	5	4,726.20	5		5		5		5		5		5	
1/4	3,662.47	1/4	4,020.07	1/4	4,377.08	1/4	4,733.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,669.92	1/2	4,027.52	1/2	4,384.50	1/2	4,741.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,677.37	3/4	4,034.97	3/4	4,391.93	3/4	4,748.48	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,684.82	6	4,042.42	6	4,399.36	6	4,755.91	6		6		6		6		6		6	
1/4	3,692.27	1/4	4,049.87	1/4	4,406.79	1/4	4,763.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,699.72	1/2	4,057.32	1/2	4,414.22	1/2	4,770.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,707.17	3/4	4,064.77	3/4	4,421.64	3/4	4,778.19	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,714.62	7	4,072.22	7	4,429.07	7	4,785.62	7		7		7		7		7		7	
1/4	3,722.07	1/4	4,079.67	1/4	4,436.50	1/4	4,793.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.52	1/2	4,087.12	1/2	4,443.93	1/2	4,800.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.97	3/4	4,094.57	3/4	4,451.36	3/4	4,807.91	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,744.42	8	4,102.02	8	4,458.79	8	4,815.33	8		8		8		8		8		8	
1/4	3,751.87	1/4	4,109.47	1/4	4,466.21	1/4	4,822.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,759.32	1/2	4,116.92	1/2	4,473.64	1/2	4,830.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,766.77	3/4	4,124.37	3/4	4,481.07	3/4	4,837.62	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,774.22	9	4,131.82	9	4,488.50	9	4,845.05	9		9		9		9		9		9	
1/4	3,781.67	1/4	4,139.27	1/4	4,495.93	1/4	4,852.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,789.12	1/2	4,146.72	1/2	4,503.35	1/2	4,859.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,796.57	3/4	4,154.17	3/4	4,510.78	3/4	4,867.33	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,804.02	10	4,161.62	10	4,518.21	10	4,874.75	10		10		10		10		10		10	
1/4	3,811.47	1/4	4,169.06	1/4	4,525.64	1/4	4,882.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,818.92	1/2	4,176.50	1/2	4,533.07	1/2	4,889.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,826.37	3/4	4,183.93	3/4	4,540.49	3/4	4,896.99	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,833.82	11	4,191.37	11	4,547.92	11	4,904.40	11		11		11		11		11		11	
1/4	3,841.27	1/4	4,198.80	1/4	4,555.35	1/4	4,911.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,848.72	1/2	4,206.23	1/2	4,562.78	1/2	4,918.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,856.17	3/4	4,213.66	3/4	4,570.21	3/4	4,926.21	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2018 CL
CALCULATED: 11/29/2018 CL
PRINTED: 11/29/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "MMLP 332"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02"

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	3,506.70	0	3,864.20	0	4,221.60	0	4,578.06	0	4,933.81	0		0		0		0		0	
1/4	3,514.14	1/4	3,871.65	1/4	4,229.03	1/4	4,585.49	1/4	4,940.40	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,521.59	1/2	3,879.10	1/2	4,236.45	1/2	4,592.92	1/2	4,946.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,529.04	3/4	3,886.54	3/4	4,243.88	3/4	4,600.34	3/4	4,953.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,536.49	1	3,893.99	1	4,251.31	1	4,607.77	1	4,960.17	1	1	1	1	1	1	1	1	1	1
1/4	3,543.94	1/4	3,901.44	1/4	4,258.73	1/4	4,615.20	1/4	4,965.59	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,551.38	1/2	3,908.89	1/2	4,266.16	1/2	4,622.62	1/2	4,971.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,558.83	3/4	3,916.34	3/4	4,273.59	3/4	4,630.05	3/4	4,976.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,566.28	2	3,923.78	2	4,281.01	2	4,637.47	2	4,981.84	2	2	2	2	2	2	2	2	2	2
1/4	3,573.73	1/4	3,931.23	1/4	4,288.44	1/4	4,644.90	1/4	4,986.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,581.18	1/2	3,938.68	1/2	4,295.87	1/2	4,652.33	1/2	4,990.54	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,588.62	3/4	3,946.13	3/4	4,303.29	3/4	4,659.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,596.07	3	3,953.58	3	4,310.72	3	4,667.18	3		3	3	3	3	3	3	3	3	3	3
1/4	3,603.52	1/4	3,961.02	1/4	4,318.14	1/4	4,674.61	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,610.97	1/2	3,968.47	1/2	4,325.57	1/2	4,682.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,618.42	3/4	3,975.92	3/4	4,333.00	3/4	4,689.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,625.86	4	3,983.37	4	4,340.42	4	4,696.89	4		4	4	4	4	4	4	4	4	4	4
1/4	3,633.31	1/4	3,990.82	1/4	4,347.85	1/4	4,704.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,640.76	1/2	3,998.26	1/2	4,355.28	1/2	4,711.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,648.21	3/4	4,005.71	3/4	4,362.70	3/4	4,719.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,655.66	5	4,013.16	5	4,370.13	5	4,726.59	5		5	5	5	5	5	5	5	5	5	5
1/4	3,663.10	1/4	4,020.61	1/4	4,377.55	1/4	4,734.02	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,670.55	1/2	4,028.06	1/2	4,384.98	1/2	4,741.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,678.00	3/4	4,035.50	3/4	4,392.41	3/4	4,748.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,685.45	6	4,042.95	6	4,399.83	6	4,756.30	6		6	6	6	6	6	6	6	6	6	6
1/4	3,692.90	1/4	4,050.40	1/4	4,407.26	1/4	4,763.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,700.34	1/2	4,057.85	1/2	4,414.69	1/2	4,771.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,707.79	3/4	4,065.30	3/4	4,422.11	3/4	4,778.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,715.24	7	4,072.74	7	4,429.54	7	4,786.00	7		7	7	7	7	7	7	7	7	7	7
1/4	3,722.69	1/4	4,080.19	1/4	4,436.96	1/4	4,793.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,730.14	1/2	4,087.64	1/2	4,444.39	1/2	4,800.85	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,737.58	3/4	4,095.09	3/4	4,451.82	3/4	4,808.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,745.03	8	4,102.54	8	4,459.24	8	4,815.71	8		8	8	8	8	8	8	8	8	8	8
1/4	3,752.48	1/4	4,109.98	1/4	4,466.67	1/4	4,823.13	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,759.93	1/2	4,117.43	1/2	4,474.10	1/2	4,830.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,767.38	3/4	4,124.88	3/4	4,481.52	3/4	4,837.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,774.82	9	4,132.33	9	4,488.95	9	4,845.41	9		9	9	9	9	9	9	9	9	9	9
1/4	3,782.27	1/4	4,139.78	1/4	4,496.38	1/4	4,852.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,789.72	1/2	4,147.22	1/2	4,503.80	1/2	4,860.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,797.17	3/4	4,154.67	3/4	4,511.23	3/4	4,867.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,804.62	10	4,162.12	10	4,518.65	10	4,875.11	10		10	10	10	10	10	10	10	10	10	10
1/4	3,812.06	1/4	4,169.56	1/4	4,526.08	1/4	4,882.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,819.51	1/2	4,177.01	1/2	4,533.51	1/2	4,889.93	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,826.96	3/4	4,184.45	3/4	4,540.93	3/4	4,897.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,834.41	11	4,191.90	11	4,548.36	11	4,904.75	11		11	11	11	11	11	11	11	11	11	11
1/4	3,841.86	1/4	4,199.32	1/4	4,555.79	1/4	4,912.01	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,849.30	1/2	4,206.75	1/2	4,563.21	1/2	4,919.28	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,856.75	3/4	4,214.18	3/4	4,570.64	3/4	4,926.55	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: 11/28/2018 CL
CALCULATED: 11/29/2018 CL
PRINTED: 11/29/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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



BARGE "MMLP 332"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,564.84	0	3,923.83	0	4,282.72	0	4,640.67	0	4,997.90	0		0		0		0		0	
1/4	3,572.31	1/4	3,931.31	1/4	4,290.18	1/4	4,648.13	1/4	5,004.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,579.79	1/2	3,938.79	1/2	4,297.63	1/2	4,655.58	1/2	5,011.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,587.27	3/4	3,946.27	3/4	4,305.09	3/4	4,663.04	3/4	5,017.75	3/4		3/4		3/4		3/4		3/4	
1	3,594.75	1	3,953.75	1	4,312.55	1	4,670.50	1	5,024.37	1		1		1		1		1	
1/4	3,602.23	1/4	3,961.23	1/4	4,320.01	1/4	4,677.96	1/4	5,029.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.71	1/2	3,968.71	1/2	4,327.46	1/2	4,685.41	1/2	5,035.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,617.19	3/4	3,976.19	3/4	4,334.92	3/4	4,692.87	3/4	5,040.68	3/4		3/4		3/4		3/4		3/4	
2	3,624.67	2	3,983.66	2	4,342.38	2	4,700.33	2	5,046.12	2		2		2		2		2	
1/4	3,632.15	1/4	3,991.14	1/4	4,349.84	1/4	4,707.79	1/4	5,050.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.63	1/2	3,998.62	1/2	4,357.29	1/2	4,715.24	1/2	5,054.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,647.11	3/4	4,006.10	3/4	4,364.75	3/4	4,722.70	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,654.58	3	4,013.58	3	4,372.21	3	4,730.16	3		3		3		3		3		3	
1/4	3,662.06	1/4	4,021.06	1/4	4,379.66	1/4	4,737.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,669.54	1/2	4,028.54	1/2	4,387.12	1/2	4,745.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,677.02	3/4	4,036.02	3/4	4,394.58	3/4	4,752.53	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,684.50	4	4,043.50	4	4,402.04	4	4,759.99	4		4		4		4		4		4	
1/4	3,691.98	1/4	4,050.98	1/4	4,409.49	1/4	4,767.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,699.46	1/2	4,058.46	1/2	4,416.95	1/2	4,774.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,706.94	3/4	4,065.94	3/4	4,424.41	3/4	4,782.36	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,714.42	5	4,073.41	5	4,431.87	5	4,789.82	5		5		5		5		5		5	
1/4	3,721.90	1/4	4,080.89	1/4	4,439.32	1/4	4,797.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.38	1/2	4,088.37	1/2	4,446.78	1/2	4,804.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.85	3/4	4,095.85	3/4	4,454.24	3/4	4,812.19	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,744.33	6	4,103.33	6	4,461.69	6	4,819.65	6		6		6		6		6		6	
1/4	3,751.81	1/4	4,110.81	1/4	4,469.15	1/4	4,827.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,759.29	1/2	4,118.29	1/2	4,476.61	1/2	4,834.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,766.77	3/4	4,125.77	3/4	4,484.07	3/4	4,842.02	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,774.25	7	4,133.25	7	4,491.52	7	4,849.47	7		7		7		7		7		7	
1/4	3,781.73	1/4	4,140.73	1/4	4,498.98	1/4	4,856.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,789.21	1/2	4,148.21	1/2	4,506.44	1/2	4,864.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,796.69	3/4	4,155.68	3/4	4,513.90	3/4	4,871.85	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,804.17	8	4,163.16	8	4,521.35	8	4,879.30	8		8		8		8		8		8	
1/4	3,811.65	1/4	4,170.64	1/4	4,528.81	1/4	4,886.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,819.12	1/2	4,178.12	1/2	4,536.27	1/2	4,894.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,826.60	3/4	4,185.60	3/4	4,543.73	3/4	4,901.68	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,834.08	9	4,193.08	9	4,551.18	9	4,909.13	9		9		9		9		9		9	
1/4	3,841.56	1/4	4,200.56	1/4	4,558.64	1/4	4,916.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.04	1/2	4,208.04	1/2	4,566.10	1/2	4,924.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,856.52	3/4	4,215.52	3/4	4,573.55	3/4	4,931.49	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,864.00	10	4,223.00	10	4,581.01	10	4,938.94	10		10		10		10		10		10	
1/4	3,871.48	1/4	4,230.47	1/4	4,588.47	1/4	4,946.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,878.96	1/2	4,237.94	1/2	4,595.93	1/2	4,953.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.44	3/4	4,245.42	3/4	4,603.38	3/4	4,961.27	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,893.92	11	4,252.89	11	4,610.84	11	4,968.71	11		11		11		11		11		11	
1/4	3,901.39	1/4	4,260.35	1/4	4,618.30	1/4	4,976.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,908.87	1/2	4,267.81	1/2	4,625.76	1/2	4,983.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,916.35	3/4	4,275.26	3/4	4,633.21	3/4	4,990.60	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2018 CL
CALCULATED: 11/29/2018 CL
PRINTED: 11/29/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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



BARGE "MMLP 332"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Gauge Height 15'-02 1/2"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	20.48	360.65	713.14	1,071.00	1,429.75	1,785.57	2,143.59	2,502.39	2,861.20	3,220.01
1/4	25.61	368.11	720.62	1,078.46	1,437.22	1,792.90	2,151.06	2,509.87	2,868.68	3,227.49
1/2	30.75	375.57	728.09	1,085.92	1,444.70	1,800.24	2,158.54	2,517.34	2,876.15	3,234.96
3/4	35.89	383.03	735.57	1,093.38	1,452.17	1,807.58	2,166.01	2,524.82	2,883.63	3,242.44
1	41.03	390.50	743.04	1,100.84	1,459.65	1,814.92	2,173.49	2,532.29	2,891.10	3,249.91
1/4	47.62	397.91	750.52	1,108.32	1,467.12	1,822.33	2,180.96	2,539.77	2,898.58	3,257.39
1/2	54.21	405.33	757.99	1,115.79	1,474.60	1,829.75	2,188.44	2,547.24	2,906.05	3,264.86
3/4	60.80	412.75	765.47	1,123.27	1,482.07	1,837.17	2,195.91	2,554.72	2,913.53	3,272.34
2	67.39	420.17	772.94	1,130.75	1,489.55	1,844.58	2,203.39	2,562.19	2,921.00	3,279.81
1/4	74.13	427.59	780.41	1,138.22	1,497.03	1,852.06	2,210.86	2,569.67	2,928.48	3,287.29
1/2	80.87	435.00	787.88	1,145.70	1,504.50	1,859.53	2,218.34	2,577.15	2,935.95	3,294.76
3/4	87.62	442.42	795.35	1,153.17	1,511.98	1,867.01	2,225.81	2,584.62	2,943.43	3,302.24
3	94.36	449.84	802.81	1,160.65	1,519.45	1,874.48	2,233.29	2,592.10	2,950.91	3,309.71
1/4	101.29	457.10	810.26	1,168.12	1,526.93	1,881.96	2,240.76	2,599.57	2,958.38	3,317.19
1/2	108.21	464.35	817.71	1,175.60	1,534.40	1,889.43	2,248.24	2,607.05	2,965.86	3,324.67
3/4	115.14	471.61	825.16	1,183.07	1,541.88	1,896.91	2,255.71	2,614.52	2,973.33	3,332.14
4	122.06	478.87	832.61	1,190.55	1,549.35	1,904.38	2,263.19	2,622.00	2,980.81	3,339.62
1/4	129.48	486.64	840.06	1,198.02	1,556.83	1,911.86	2,270.66	2,629.47	2,988.28	3,347.09
1/2	136.90	492.41	847.50	1,205.50	1,564.30	1,919.33	2,278.14	2,636.95	2,995.76	3,354.57
3/4	144.31	499.18	854.95	1,212.97	1,571.78	1,926.81	2,285.61	2,644.42	3,003.23	3,362.04
5	151.73	505.95	862.40	1,220.45	1,579.25	1,934.28	2,293.09	2,651.90	3,010.71	3,369.52
1/4	159.15	512.90	869.85	1,227.92	1,586.73	1,941.76	2,300.56	2,659.37	3,018.18	3,376.99
1/2	166.57	519.85	877.30	1,235.40	1,594.20	1,949.23	2,308.04	2,666.85	3,025.66	3,384.47
3/4	173.99	526.80	884.75	1,242.87	1,601.68	1,956.71	2,315.51	2,674.32	3,033.13	3,391.94
6	181.40	533.74	892.20	1,250.35	1,609.15	1,964.18	2,322.99	2,681.80	3,040.61	3,399.42
1/4	188.84	541.22	899.64	1,257.82	1,616.61	1,971.66	2,330.46	2,689.27	3,048.08	3,406.89
1/2	196.27	548.69	907.09	1,265.30	1,624.06	1,979.13	2,337.94	2,696.75	3,055.56	3,414.37
3/4	203.70	556.17	914.54	1,272.77	1,631.52	1,986.61	2,345.41	2,704.22	3,063.03	3,421.84
7	211.13	563.64	921.99	1,280.25	1,638.97	1,994.08	2,352.89	2,711.70	3,070.51	3,429.32
1/4	218.61	571.12	929.44	1,287.72	1,646.35	2,001.56	2,360.36	2,719.17	3,077.98	3,436.79
1/2	226.09	578.59	936.89	1,295.20	1,653.73	2,009.03	2,367.84	2,726.65	3,085.46	3,444.27
3/4	233.56	586.07	944.34	1,302.67	1,661.11	2,016.51	2,375.31	2,734.12	3,092.93	3,451.74
8	241.04	593.54	951.78	1,310.15	1,668.48	2,023.98	2,382.79	2,741.60	3,100.41	3,459.22
1/4	248.51	601.02	959.23	1,317.62	1,675.80	2,031.46	2,390.27	2,749.07	3,107.88	3,466.69
1/2	255.99	608.49	966.68	1,325.10	1,683.12	2,038.93	2,397.74	2,756.55	3,115.36	3,474.17
3/4	263.46	615.97	974.13	1,332.57	1,690.44	2,046.41	2,405.22	2,764.03	3,122.83	3,481.64
9	270.94	623.44	981.58	1,340.05	1,697.75	2,053.88	2,412.69	2,771.50	3,130.31	3,489.12
1/4	278.42	630.92	989.03	1,347.52	1,705.07	2,061.36	2,420.17	2,778.98	3,137.79	3,496.59
1/2	285.89	638.39	996.47	1,355.00	1,712.39	2,068.83	2,427.64	2,786.45	3,145.26	3,504.07
3/4	293.37	645.87	1,003.92	1,362.47	1,719.71	2,076.31	2,435.12	2,793.93	3,152.74	3,511.55
10	300.84	653.34	1,011.37	1,369.95	1,727.02	2,083.79	2,442.59	2,801.40	3,160.21	3,519.02
1/4	308.32	660.82	1,018.82	1,377.42	1,734.34	2,091.26	2,450.07	2,808.88	3,167.69	3,526.50
1/2	315.80	668.29	1,026.27	1,384.90	1,741.66	2,098.74	2,457.54	2,816.35	3,175.16	3,533.97
3/4	323.27	675.77	1,033.72	1,392.37	1,748.98	2,106.21	2,465.02	2,823.83	3,182.64	3,541.45
11	330.75	683.24	1,041.17	1,399.85	1,756.30	2,113.69	2,472.49	2,831.30	3,190.11	3,548.92
1/4	338.22	690.72	1,048.63	1,407.32	1,763.61	2,121.16	2,479.97	2,838.78	3,197.59	3,556.40
1/2	345.70	698.19	1,056.09	1,414.80	1,770.93	2,128.64	2,487.44	2,846.25	3,205.06	3,563.87
3/4	353.17	705.67	1,063.54	1,422.27	1,778.25	2,136.11	2,494.92	2,853.73	3,212.54	3,571.35

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 8" DIAMETER HATCH OR 2" DIAMETER "HERMETIC" VALVE
GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 38'-00" FORWARD OF AFT BULKHEAD
GAUGE POINT: (8" HATCH) LOCATED 12'-06" OFF CENTERLINE AND 36'-06" FORWARD OF AFT BULKHEAD

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BARGE "MMLP 332"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,578.82	0	3,937.63	0	4,296.33	0	4,654.09	0	5,011.13	0		0		0		0		0	
1/4	3,586.30	1/4	3,945.11	1/4	4,303.78	1/4	4,661.54	1/4	5,017.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,593.77	1/2	3,952.58	1/2	4,311.23	1/2	4,669.00	1/2	5,024.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,601.25	3/4	3,960.06	3/4	4,318.69	3/4	4,676.45	3/4	5,030.98	3/4		3/4		3/4		3/4		3/4	
1	3,608.72	1	3,967.53	1	4,326.14	1	4,683.90	1	5,037.59	1		1		1		1		1	
1/4	3,616.20	1/4	3,975.01	1/4	4,333.59	1/4	4,691.36	1/4	5,043.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,623.67	1/2	3,982.48	1/2	4,341.05	1/2	4,698.81	1/2	5,048.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,631.15	3/4	3,989.96	3/4	4,348.50	3/4	4,706.26	3/4	5,053.90	3/4		3/4		3/4		3/4		3/4	
2	3,638.62	2	3,997.43	2	4,355.96	2	4,713.72	2	5,059.34	2		2		2		2		2	
1/4	3,646.10	1/4	4,004.91	1/4	4,363.41	1/4	4,721.17	1/4	5,063.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,653.57	1/2	4,012.38	1/2	4,370.86	1/2	4,728.63	1/2	5,068.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,661.05	3/4	4,019.86	3/4	4,378.32	3/4	4,736.08	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,668.52	3	4,027.33	3	4,385.77	3	4,743.53	3		3		3		3		3		3	
1/4	3,676.00	1/4	4,034.81	1/4	4,393.22	1/4	4,750.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,683.47	1/2	4,042.28	1/2	4,400.68	1/2	4,758.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.95	3/4	4,049.76	3/4	4,408.13	3/4	4,765.89	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,698.43	4	4,057.23	4	4,415.58	4	4,773.35	4		4		4		4		4		4	
1/4	3,705.90	1/4	4,064.71	1/4	4,423.04	1/4	4,780.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,713.38	1/2	4,072.19	1/2	4,430.49	1/2	4,788.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.85	3/4	4,079.66	3/4	4,437.94	3/4	4,795.71	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,728.33	5	4,087.14	5	4,445.40	5	4,803.16	5		5		5		5		5		5	
1/4	3,735.80	1/4	4,094.61	1/4	4,452.85	1/4	4,810.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,743.28	1/2	4,102.09	1/2	4,460.30	1/2	4,818.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,750.75	3/4	4,109.56	3/4	4,467.76	3/4	4,825.52	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,758.23	6	4,117.04	6	4,475.21	6	4,832.97	6		6		6		6		6		6	
1/4	3,765.70	1/4	4,124.51	1/4	4,482.66	1/4	4,840.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.18	1/2	4,131.99	1/2	4,490.12	1/2	4,847.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,780.65	3/4	4,139.46	3/4	4,497.57	3/4	4,855.33	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,788.13	7	4,146.94	7	4,505.02	7	4,862.79	7		7		7		7		7		7	
1/4	3,795.60	1/4	4,154.41	1/4	4,512.48	1/4	4,870.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,803.08	1/2	4,161.89	1/2	4,519.93	1/2	4,877.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.55	3/4	4,169.36	3/4	4,527.38	3/4	4,885.15	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,818.03	8	4,176.84	8	4,534.84	8	4,892.60	8		8		8		8		8		8	
1/4	3,825.50	1/4	4,184.31	1/4	4,542.29	1/4	4,900.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,832.98	1/2	4,191.79	1/2	4,549.74	1/2	4,907.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,840.45	3/4	4,199.26	3/4	4,557.20	3/4	4,914.96	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,847.93	9	4,206.74	9	4,564.65	9	4,922.42	9		9		9		9		9		9	
1/4	3,855.40	1/4	4,214.21	1/4	4,572.10	1/4	4,929.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,862.88	1/2	4,221.69	1/2	4,579.56	1/2	4,937.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,870.35	3/4	4,229.16	3/4	4,587.01	3/4	4,944.76	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,877.83	10	4,236.64	10	4,594.46	10	4,952.21	10		10		10		10		10		10	
1/4	3,885.31	1/4	4,244.11	1/4	4,601.92	1/4	4,959.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,892.78	1/2	4,251.58	1/2	4,609.37	1/2	4,967.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,900.26	3/4	4,259.05	3/4	4,616.82	3/4	4,974.52	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,907.73	11	4,266.51	11	4,624.28	11	4,981.96	11		11		11		11		11		11	
1/4	3,915.21	1/4	4,273.97	1/4	4,631.73	1/4	4,989.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,922.68	1/2	4,281.42	1/2	4,639.18	1/2	4,996.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,930.16	3/4	4,288.87	3/4	4,646.64	3/4	5,003.84	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2018 CL
CALCULATED: 11/29/2018 CL
PRINTED: 11/29/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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



BARGE "MMLP 332"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	20.38	0	358.67	0	708.39	0	1,051.10	0	1,406.52	0	1,759.69	0	2,112.47	0	2,467.84	0	2,823.82	0	3,179.52
1/4	25.50	1/4	366.06	1/4	715.74	1/4	1,058.29	1/4	1,413.95	1/4	1,766.98	1/4	2,119.82	1/4	2,475.27	1/4	2,831.23	1/4	3,186.93
1/2	30.61	1/2	373.45	1/2	723.10	1/2	1,065.49	1/2	1,421.37	1/2	1,774.26	1/2	2,127.17	1/2	2,482.69	1/2	2,838.64	1/2	3,194.34
3/4	35.73	3/4	380.84	3/4	730.46	3/4	1,072.69	3/4	1,428.79	3/4	1,781.54	3/4	2,134.52	3/4	2,490.12	3/4	2,846.05	3/4	3,201.75
1	40.84	1	388.23	1	737.81	1	1,079.89	1	1,436.22	1	1,788.83	1	2,141.87	1	2,497.54	1	2,853.46	1	3,209.17
1/4	47.40	1/4	395.58	1/4	744.95	1/4	1,087.31	1/4	1,443.64	1/4	1,796.19	1/4	2,149.21	1/4	2,504.96	1/4	2,860.87	1/4	3,216.58
1/2	53.96	1/2	402.93	1/2	752.09	1/2	1,094.73	1/2	1,451.06	1/2	1,803.55	1/2	2,156.56	1/2	2,512.39	1/2	2,868.28	1/2	3,223.99
3/4	60.51	3/4	410.28	3/4	759.24	3/4	1,102.16	3/4	1,458.49	3/4	1,810.92	3/4	2,163.91	3/4	2,519.81	3/4	2,875.69	3/4	3,231.40
2	67.07	2	417.62	2	766.38	2	1,109.58	2	1,465.91	2	1,818.28	2	2,171.26	2	2,527.24	2	2,883.10	2	3,238.81
1/4	73.78	1/4	424.97	1/4	773.51	1/4	1,117.01	1/4	1,473.33	1/4	1,825.68	1/4	2,178.63	1/4	2,534.66	1/4	2,890.51	1/4	3,246.22
1/2	80.49	1/2	432.32	1/2	780.65	1/2	1,124.43	1/2	1,480.76	1/2	1,833.09	1/2	2,186.00	1/2	2,542.09	1/2	2,897.92	1/2	3,253.63
3/4	87.19	3/4	439.66	3/4	787.78	3/4	1,131.85	3/4	1,488.18	3/4	1,840.49	3/4	2,193.36	3/4	2,549.51	3/4	2,905.33	3/4	3,261.04
3	93.90	3	447.01	3	794.92	3	1,139.28	3	1,495.60	3	1,847.89	3	2,200.73	3	2,556.94	3	2,912.75	3	3,268.45
1/4	100.79	1/4	454.20	1/4	802.03	1/4	1,146.70	1/4	1,503.03	1/4	1,855.24	1/4	2,208.15	1/4	2,564.36	1/4	2,920.16	1/4	3,275.86
1/2	107.68	1/2	461.38	1/2	809.15	1/2	1,154.12	1/2	1,510.45	1/2	1,862.59	1/2	2,215.57	1/2	2,571.79	1/2	2,927.57	1/2	3,283.27
3/4	114.57	3/4	468.57	3/4	816.26	3/4	1,161.55	3/4	1,517.87	3/4	1,869.94	3/4	2,222.99	3/4	2,579.21	3/4	2,934.98	3/4	3,290.68
4	121.46	4	475.76	4	823.38	4	1,168.97	4	1,525.30	4	1,877.29	4	2,230.40	4	2,586.64	4	2,942.39	4	3,298.09
1/4	128.84	1/4	482.46	1/4	830.49	1/4	1,176.39	1/4	1,532.72	1/4	1,884.64	1/4	2,237.82	1/4	2,594.06	1/4	2,949.80	1/4	3,305.50
1/2	136.22	1/2	489.16	1/2	837.61	1/2	1,183.82	1/2	1,540.13	1/2	1,891.99	1/2	2,245.24	1/2	2,601.48	1/2	2,957.21	1/2	3,312.91
3/4	143.60	3/4	495.86	3/4	844.72	3/4	1,191.24	3/4	1,547.55	3/4	1,899.34	3/4	2,252.66	3/4	2,608.90	3/4	2,964.62	3/4	3,320.32
5	150.98	5	502.57	5	851.84	5	1,198.66	5	1,554.97	5	1,906.69	5	2,260.08	5	2,616.33	5	2,972.03	5	3,327.73
1/4	158.37	1/4	509.46	1/4	858.95	1/4	1,206.09	1/4	1,562.38	1/4	1,914.04	1/4	2,267.50	1/4	2,623.74	1/4	2,979.44	1/4	3,335.14
1/2	165.75	1/2	516.35	1/2	866.07	1/2	1,213.51	1/2	1,569.79	1/2	1,921.39	1/2	2,274.92	1/2	2,631.15	1/2	2,986.85	1/2	3,342.55
3/4	173.13	3/4	523.24	3/4	873.18	3/4	1,220.93	3/4	1,577.20	3/4	1,928.74	3/4	2,282.34	3/4	2,638.56	3/4	2,994.26	3/4	3,349.96
6	180.52	6	530.13	6	880.30	6	1,228.36	6	1,584.61	6	1,936.08	6	2,289.76	6	2,645.97	6	3,001.67	6	3,357.38
1/4	187.91	1/4	537.55	1/4	887.41	1/4	1,235.78	1/4	1,592.00	1/4	1,943.43	1/4	2,297.18	1/4	2,653.38	1/4	3,009.08	1/4	3,364.77
1/2	195.31	1/2	544.98	1/2	894.53	1/2	1,243.20	1/2	1,599.39	1/2	1,950.78	1/2	2,304.59	1/2	2,660.79	1/2	3,016.49	1/2	3,372.16
3/4	202.71	3/4	552.40	3/4	901.64	3/4	1,250.63	3/4	1,606.78	3/4	1,958.13	3/4	2,312.01	3/4	2,668.20	3/4	3,023.90	3/4	3,379.55
7	210.10	7	559.83	7	908.76	7	1,258.05	7	1,614.17	7	1,965.48	7	2,319.43	7	2,675.61	7	3,031.31	7	3,386.94
1/4	217.54	1/4	567.26	1/4	915.87	1/4	1,265.48	1/4	1,621.50	1/4	1,972.83	1/4	2,326.85	1/4	2,683.02	1/4	3,038.72	1/4	3,394.27
1/2	224.98	1/2	574.68	1/2	922.99	1/2	1,272.90	1/2	1,628.82	1/2	1,980.18	1/2	2,334.27	1/2	2,690.43	1/2	3,046.13	1/2	3,401.60
3/4	232.42	3/4	582.11	3/4	930.10	3/4	1,280.32	3/4	1,636.14	3/4	1,987.53	3/4	2,341.69	3/4	2,697.84	3/4	3,053.54	3/4	3,408.94
8	239.86	8	589.54	8	937.22	8	1,287.75	8	1,643.47	8	1,994.88	8	2,349.11	8	2,705.25	8	3,060.96	8	3,416.27
1/4	247.29	1/4	596.97	1/4	944.33	1/4	1,295.17	1/4	1,650.73	1/4	2,002.23	1/4	2,356.53	1/4	2,712.66	1/4	3,068.37	1/4	3,423.60
1/2	254.73	1/2	604.39	1/2	951.45	1/2	1,302.59	1/2	1,658.00	1/2	2,009.58	1/2	2,363.95	1/2	2,720.07	1/2	3,075.78	1/2	3,430.93
3/4	262.16	3/4	611.82	3/4	958.56	3/4	1,310.02	3/4	1,665.26	3/4	2,016.93	3/4	2,371.37	3/4	2,727.48	3/4	3,083.19	3/4	3,438.27
9	269.59	9	619.25	9	965.68	9	1,317.44	9	1,672.52	9	2,024.28	9	2,378.78	9	2,734.89	9	3,090.60	9	3,445.60
1/4	277.02	1/4	626.68	1/4	972.79	1/4	1,324.86	1/4	1,679.79	1/4	2,031.63	1/4	2,386.20	1/4	2,742.30	1/4	3,098.01	1/4	3,452.93
1/2	284.45	1/2	634.11	1/2	979.91	1/2	1,332.29	1/2	1,687.05	1/2	2,038.98	1/2	2,393.62	1/2	2,749.71	1/2	3,105.42	1/2	3,460.26
3/4	291.88	3/4	641.53	3/4	987.02	3/4	1,339.71	3/4	1,694.32	3/4	2,046.32	3/4	2,401.04	3/4	2,757.12	3/4	3,112.83	3/4	3,467.60
10	299.31	10	648.96	10	994.14	10	1,347.13	10	1,701.58	10	2,053.67	10	2,408.46	10	2,764.54	10	3,120.24	10	3,474.93
1/4	306.73	1/4	656.39	1/4	1,001.25	1/4	1,354.56	1/4	1,708.84	1/4	2,061.02	1/4	2,415.88	1/4	2,771.95	1/4	3,127.65	1/4	3,482.26
1/2	314.16	1/2	663.82	1/2	1,008.37	1/2	1,361.98	1/2	1,716.11	1/2	2,068.37	1/2	2,423.30	1/2	2,779.36	1/2	3,135.06	1/2	3,489.59
3/4	321.59	3/4	671.25	3/4	1,015.49	3/4	1,369.40	3/4	1,723.37	3/4	2,075.72	3/4	2,430.72	3/4	2,786.77	3/4	3,142.47	3/4	3,496.93
11	329.01	11	678.67	11	1,022.60	11	1,376.83	11	1,730.64	11	2,083.07	11	2,438.14	11	2,794.18	11	3,149.88	11	3,504.26
1/4	336.43	1/4	686.10	1/4	1,029.73	1/4	1,384.25	1/4	1,737.90	1/4	2,090.42	1/4	2,445.57	1/4	2,801.59	1/4	3,157.29	1/4	3,511.59
1/2	343.84	1/2	693.53	1/2	1,036.85	1/2	1,391.67	1/2	1,745.16	1/2	2,097.77	1/2	2,452.99	1/2	2,809.00	1/2	3,164.70	1/2	3,518.92
3/4	351.26	3/4	700.96	3/4	1,043.97	3/4	1,399.10	3/4	1,752.43	3/4	2,105.12	3/4	2,460.42	3/4	2,816.41	3/4	3,172.11	3/4	3,526.26

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 8" DIAMETER HATCH OR 2" DIAMETER "HERMETIC" VALVE
GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 63'-09" FORWARD OF AFT BULKHEAD
GAUGE POINT: (8" HATCH) LOCATED 12'-06" OFF CENTERLINE AND 65'-09" FORWARD OF AFT BULKHEAD

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



BARGE "MMLP 332"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,533.59	0	3,683.14	0	3,819.08	0	3,953.82	0	4,087.84	0		0		0		0		0	
1/4	3,539.80	1/4	3,685.97	1/4	3,821.89	1/4	3,956.62	1/4	4,089.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,546.01	1/2	3,688.81	1/2	3,824.70	1/2	3,959.43	1/2	4,091.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,552.21	3/4	3,691.64	3/4	3,827.51	3/4	3,962.24	3/4	4,093.71	3/4		3/4		3/4		3/4		3/4	
1	3,558.42	1	3,694.48	1	3,830.31	1	3,965.04	1	4,095.67	1		1		1		1		1	
1/4	3,561.26	1/4	3,697.32	1/4	3,833.12	1/4	3,967.85	1/4	4,096.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,564.09	1/2	3,700.15	1/2	3,835.93	1/2	3,970.66	1/2	4,097.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,566.92	3/4	3,702.99	3/4	3,838.73	3/4	3,973.46	3/4	4,097.89	3/4		3/4		3/4		3/4		3/4	
2	3,569.76	2	3,705.82	2	3,841.54	2	3,976.27	2	4,098.64	2		2		2		2		2	
1/4	3,572.59	1/4	3,708.66	1/4	3,844.35	1/4	3,979.08	1/4	4,098.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,575.43	1/2	3,711.49	1/2	3,847.15	1/2	3,981.89	1/2	4,099.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,578.26	3/4	3,714.33	3/4	3,849.96	3/4	3,984.69	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,581.09	3	3,717.17	3	3,852.77	3	3,987.50	3		3		3		3		3		3	
1/4	3,583.93	1/4	3,720.00	1/4	3,855.57	1/4	3,990.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,586.76	1/2	3,722.84	1/2	3,858.38	1/2	3,993.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,589.60	3/4	3,725.67	3/4	3,861.19	3/4	3,995.92	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,592.43	4	3,728.51	4	3,864.00	4	3,998.73	4		4		4		4		4		4	
1/4	3,595.26	1/4	3,731.35	1/4	3,866.80	1/4	4,001.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,598.10	1/2	3,734.18	1/2	3,869.61	1/2	4,004.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,600.93	3/4	3,737.02	3/4	3,872.42	3/4	4,007.15	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,603.77	5	3,739.85	5	3,875.22	5	4,009.95	5		5		5		5		5		5	
1/4	3,606.60	1/4	3,742.69	1/4	3,878.03	1/4	4,012.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,609.44	1/2	3,745.52	1/2	3,880.84	1/2	4,015.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,612.27	3/4	3,748.36	3/4	3,883.64	3/4	4,018.37	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,615.10	6	3,751.20	6	3,886.45	6	4,021.18	6		6		6		6		6		6	
1/4	3,617.94	1/4	3,754.03	1/4	3,889.26	1/4	4,023.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,620.77	1/2	3,756.87	1/2	3,892.06	1/2	4,026.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.61	3/4	3,759.70	3/4	3,894.87	3/4	4,029.60	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,626.44	7	3,762.54	7	3,897.68	7	4,032.41	7		7		7		7		7		7	
1/4	3,629.27	1/4	3,765.38	1/4	3,900.48	1/4	4,035.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,632.11	1/2	3,768.21	1/2	3,903.29	1/2	4,038.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,634.94	3/4	3,771.05	3/4	3,906.10	3/4	4,040.83	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,637.78	8	3,773.88	8	3,908.91	8	4,043.64	8		8		8		8		8		8	
1/4	3,640.61	1/4	3,776.72	1/4	3,911.71	1/4	4,046.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,643.44	1/2	3,779.55	1/2	3,914.52	1/2	4,049.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,646.28	3/4	3,782.39	3/4	3,917.33	3/4	4,052.06	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,649.11	9	3,785.23	9	3,920.13	9	4,054.86	9		9		9		9		9		9	
1/4	3,651.95	1/4	3,788.06	1/4	3,922.94	1/4	4,057.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.78	1/2	3,790.90	1/2	3,925.75	1/2	4,060.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,657.62	3/4	3,793.73	3/4	3,928.55	3/4	4,063.28	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,660.45	10	3,796.56	10	3,931.36	10	4,066.08	10		10		10		10		10		10	
1/4	3,663.29	1/4	3,799.39	1/4	3,934.17	1/4	4,068.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,666.12	1/2	3,802.21	1/2	3,936.97	1/2	4,071.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,668.96	3/4	3,805.03	3/4	3,939.78	3/4	4,074.46	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,671.79	11	3,807.86	11	3,942.59	11	4,077.25	11		11		11		11		11		11	
1/4	3,674.63	1/4	3,810.66	1/4	3,945.40	1/4	4,079.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,677.47	1/2	3,813.47	1/2	3,948.20	1/2	4,082.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,680.30	3/4	3,816.28	3/4	3,951.01	3/4	4,085.19	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2018 CL
CALCULATED: 11/29/2018 CL
PRINTED: 11/29/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "MMLP 332"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	20.40	0	358.99	0	709.02	0	1,064.94	0	1,421.75	0	1,775.47	0	2,131.46	0	2,488.00	0	2,844.30	0	3,200.32
1/4	25.52	1/4	366.39	1/4	716.45	1/4	1,072.36	1/4	1,429.19	1/4	1,782.76	1/4	2,138.90	1/4	2,495.43	1/4	2,851.71	1/4	3,207.74
1/2	30.64	1/2	373.78	1/2	723.89	1/2	1,079.78	1/2	1,436.62	1/2	1,790.06	1/2	2,146.33	1/2	2,502.87	1/2	2,859.13	1/2	3,215.15
3/4	35.76	3/4	381.18	3/4	731.32	3/4	1,087.20	3/4	1,444.06	3/4	1,797.35	3/4	2,153.76	3/4	2,510.30	3/4	2,866.55	3/4	3,222.57
1	40.88	1	388.58	1	738.76	1	1,094.62	1	1,451.49	1	1,804.65	1	2,161.20	1	2,517.73	1	2,873.97	1	3,229.99
1/4	47.44	1/4	395.93	1/4	746.19	1/4	1,102.05	1/4	1,458.92	1/4	1,812.02	1/4	2,168.63	1/4	2,525.16	1/4	2,881.38	1/4	3,237.40
1/2	54.01	1/2	403.29	1/2	753.62	1/2	1,109.49	1/2	1,466.36	1/2	1,819.40	1/2	2,176.06	1/2	2,532.59	1/2	2,888.80	1/2	3,244.82
3/4	60.57	3/4	410.64	3/4	761.06	3/4	1,116.92	3/4	1,473.79	3/4	1,826.77	3/4	2,183.49	3/4	2,540.02	3/4	2,896.22	3/4	3,252.24
2	67.13	2	417.99	2	768.49	2	1,124.36	2	1,481.23	2	1,834.14	2	2,190.93	2	2,547.45	2	2,903.63	2	3,259.66
1/4	73.84	1/4	425.35	1/4	775.92	1/4	1,131.79	1/4	1,488.66	1/4	1,841.58	1/4	2,198.36	1/4	2,554.89	1/4	2,911.05	1/4	3,267.07
1/2	80.56	1/2	432.70	1/2	783.35	1/2	1,139.23	1/2	1,496.10	1/2	1,849.01	1/2	2,205.79	1/2	2,562.32	1/2	2,918.47	1/2	3,274.49
3/4	87.27	3/4	440.06	3/4	790.78	3/4	1,146.66	3/4	1,503.53	3/4	1,856.44	3/4	2,213.22	3/4	2,569.75	3/4	2,925.89	3/4	3,281.91
3	93.98	3	447.41	3	798.20	3	1,154.10	3	1,510.97	3	1,863.88	3	2,220.65	3	2,577.18	3	2,933.30	3	3,289.32
1/4	100.88	1/4	454.60	1/4	805.61	1/4	1,161.53	1/4	1,518.40	1/4	1,871.31	1/4	2,228.08	1/4	2,584.61	1/4	2,940.72	1/4	3,296.74
1/2	107.77	1/2	461.79	1/2	813.02	1/2	1,168.97	1/2	1,525.84	1/2	1,878.74	1/2	2,235.50	1/2	2,592.04	1/2	2,948.14	1/2	3,304.16
3/4	114.67	3/4	468.99	3/4	820.43	3/4	1,176.40	3/4	1,533.27	3/4	1,886.17	3/4	2,242.93	3/4	2,599.47	3/4	2,955.55	3/4	3,311.58
4	121.57	4	476.18	4	827.84	4	1,183.84	4	1,540.71	4	1,893.61	4	2,250.35	4	2,606.91	4	2,962.97	4	3,318.99
1/4	128.95	1/4	482.89	1/4	835.25	1/4	1,191.27	1/4	1,548.14	1/4	1,901.04	1/4	2,257.78	1/4	2,614.33	1/4	2,970.39	1/4	3,326.41
1/2	136.34	1/2	489.60	1/2	842.65	1/2	1,198.71	1/2	1,555.57	1/2	1,908.47	1/2	2,265.21	1/2	2,621.76	1/2	2,977.81	1/2	3,333.83
3/4	143.73	3/4	496.31	3/4	850.06	3/4	1,206.14	3/4	1,563.00	3/4	1,915.91	3/4	2,272.63	3/4	2,629.19	3/4	2,985.22	3/4	3,341.24
5	151.12	5	503.01	5	857.47	5	1,213.58	5	1,570.43	5	1,923.34	5	2,280.06	5	2,636.62	5	2,992.64	5	3,348.66
1/4	158.51	1/4	509.91	1/4	864.88	1/4	1,221.01	1/4	1,577.85	1/4	1,930.77	1/4	2,287.48	1/4	2,644.04	1/4	3,000.06	1/4	3,356.08
1/2	165.90	1/2	516.81	1/2	872.29	1/2	1,228.45	1/2	1,585.27	1/2	1,938.21	1/2	2,294.91	1/2	2,651.45	1/2	3,007.47	1/2	3,363.49
3/4	173.29	3/4	523.70	3/4	879.69	3/4	1,235.88	3/4	1,592.69	3/4	1,945.64	3/4	2,302.33	3/4	2,658.87	3/4	3,014.89	3/4	3,370.91
6	180.68	6	530.60	6	887.10	6	1,243.32	6	1,600.11	6	1,953.07	6	2,309.76	6	2,666.29	6	3,022.31	6	3,378.33
1/4	188.08	1/4	538.03	1/4	894.51	1/4	1,250.75	1/4	1,607.51	1/4	1,960.50	1/4	2,317.18	1/4	2,673.70	1/4	3,029.73	1/4	3,385.73
1/2	195.48	1/2	545.46	1/2	901.92	1/2	1,258.19	1/2	1,614.92	1/2	1,967.94	1/2	2,324.61	1/2	2,681.12	1/2	3,037.14	1/2	3,393.12
3/4	202.89	3/4	552.90	3/4	909.33	3/4	1,265.62	3/4	1,622.32	3/4	1,975.37	3/4	2,332.04	3/4	2,688.54	3/4	3,044.56	3/4	3,400.52
7	210.29	7	560.33	7	916.73	7	1,273.05	7	1,629.72	7	1,982.80	7	2,339.46	7	2,695.96	7	3,051.98	7	3,407.92
1/4	217.74	1/4	567.76	1/4	924.14	1/4	1,280.49	1/4	1,637.06	1/4	1,990.24	1/4	2,346.89	1/4	2,703.37	1/4	3,059.39	1/4	3,415.26
1/2	225.18	1/2	575.20	1/2	931.55	1/2	1,287.92	1/2	1,644.39	1/2	1,997.67	1/2	2,354.31	1/2	2,710.79	1/2	3,066.81	1/2	3,422.60
3/4	232.63	3/4	582.63	3/4	938.96	3/4	1,295.36	3/4	1,651.73	3/4	2,005.10	3/4	2,361.74	3/4	2,718.21	3/4	3,074.23	3/4	3,429.94
8	240.07	8	590.06	8	946.37	8	1,302.79	8	1,659.06	8	2,012.54	8	2,369.16	8	2,725.62	8	3,081.64	8	3,437.27
1/4	247.51	1/4	597.50	1/4	953.78	1/4	1,310.23	1/4	1,666.34	1/4	2,019.97	1/4	2,376.59	1/4	2,733.04	1/4	3,089.06	1/4	3,444.61
1/2	254.95	1/2	604.93	1/2	961.18	1/2	1,317.66	1/2	1,673.61	1/2	2,027.40	1/2	2,384.01	1/2	2,740.46	1/2	3,096.48	1/2	3,451.95
3/4	262.39	3/4	612.37	3/4	968.59	3/4	1,325.10	3/4	1,680.89	3/4	2,034.83	3/4	2,391.44	3/4	2,747.88	3/4	3,103.90	3/4	3,459.29
9	269.83	9	619.80	9	976.00	9	1,332.53	9	1,688.16	9	2,042.27	9	2,398.87	9	2,755.29	9	3,111.31	9	3,466.63
1/4	277.27	1/4	627.24	1/4	983.41	1/4	1,339.97	1/4	1,695.44	1/4	2,049.70	1/4	2,406.29	1/4	2,762.71	1/4	3,118.73	1/4	3,473.97
1/2	284.70	1/2	634.67	1/2	990.82	1/2	1,347.40	1/2	1,702.71	1/2	2,057.13	1/2	2,413.72	1/2	2,770.13	1/2	3,126.15	1/2	3,481.31
3/4	292.14	3/4	642.11	3/4	998.22	3/4	1,354.84	3/4	1,709.99	3/4	2,064.57	3/4	2,421.14	3/4	2,777.54	3/4	3,133.56	3/4	3,488.65
10	299.58	10	649.54	10	1,005.63	10	1,362.27	10	1,717.26	10	2,072.00	10	2,428.57	10	2,784.96	10	3,140.98	10	3,495.99
1/4	307.01	1/4	656.98	1/4	1,013.04	1/4	1,369.71	1/4	1,724.54	1/4	2,079.43	1/4	2,436.00	1/4	2,792.38	1/4	3,148.40	1/4	3,503.33
1/2	314.44	1/2	664.41	1/2	1,020.45	1/2	1,377.14	1/2	1,731.82	1/2	2,086.87	1/2	2,443.42	1/2	2,799.80	1/2	3,155.82	1/2	3,510.67
3/4	321.87	3/4	671.84	3/4	1,027.86	3/4	1,384.58	3/4	1,739.09	3/4	2,094.30	3/4	2,450.85	3/4	2,807.21	3/4	3,163.23	3/4	3,518.01
11	329.31	11	679.28	11	1,035.27	11	1,392.01	11	1,746.37	11	2,101.73	11	2,458.28	11	2,814.63	11	3,170.65	11	3,525.34
1/4	336.73	1/4	686.71	1/4	1,042.69	1/4	1,399.45	1/4	1,753.64	1/4	2,109.16	1/4	2,465.71	1/4	2,822.05	1/4	3,178.07	1/4	3,532.68
1/2	344.15	1/2	694.15	1/2	1,050.10	1/2	1,406.88	1/2	1,760.92	1/2	2,116.60	1/2	2,473.14	1/2	2,829.46	1/2	3,185.48	1/2	3,540.02
3/4	351.57	3/4	701.58	3/4	1,057.52	3/4	1,414.32	3/4	1,768.19	3/4	2,124.03	3/4	2,480.57	3/4	2,836.88	3/4	3,192.90	3/4	3,547.36

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 8" DIAMETER HATCH OR 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 63'-09" FORWARD OF AFT BULKHEAD
 GAUGE POINT: (8" HATCH) LOCATED 12'-06" OFF CENTERLINE AND 65'-09" FORWARD OF AFT BULKHEAD

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



BARGE "MMLP 332"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	3,554.70	0	3,704.38	0	3,840.45	0	3,975.30	0	4,109.44	0		0		0		0		0	
1/4	3,560.91	1/4	3,707.22	1/4	3,843.26	1/4	3,978.11	1/4	4,111.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,567.13	1/2	3,710.06	1/2	3,846.07	1/2	3,980.92	1/2	4,113.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.34	3/4	3,712.90	3/4	3,848.88	3/4	3,983.73	3/4	4,115.32	3/4		3/4		3/4		3/4		3/4	
1	3,579.55	1	3,715.73	1	3,851.69	1	3,986.54	1	4,117.28	1		1		1		1		1	
1/4	3,582.39	1/4	3,718.57	1/4	3,854.50	1/4	3,989.35	1/4	4,118.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,585.23	1/2	3,721.41	1/2	3,857.31	1/2	3,992.16	1/2	4,118.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,588.06	3/4	3,724.25	3/4	3,860.12	3/4	3,994.97	3/4	4,119.51	3/4		3/4		3/4		3/4		3/4	
2	3,590.90	2	3,727.09	2	3,862.92	2	3,997.78	2	4,120.25	2		2		2		2		2	
1/4	3,593.74	1/4	3,729.93	1/4	3,865.73	1/4	4,000.59	1/4	4,120.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,596.57	1/2	3,732.76	1/2	3,868.54	1/2	4,003.39	1/2	4,120.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,599.41	3/4	3,735.60	3/4	3,871.35	3/4	4,006.20	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,602.25	3	3,738.44	3	3,874.16	3	4,009.01	3		3		3		3		3		3	
1/4	3,605.08	1/4	3,741.28	1/4	3,876.97	1/4	4,011.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,607.92	1/2	3,744.12	1/2	3,879.78	1/2	4,014.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,610.76	3/4	3,746.96	3/4	3,882.59	3/4	4,017.44	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,613.59	4	3,749.79	4	3,885.40	4	4,020.25	4		4		4		4		4		4	
1/4	3,616.43	1/4	3,752.63	1/4	3,888.21	1/4	4,023.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,619.27	1/2	3,755.47	1/2	3,891.02	1/2	4,025.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,622.10	3/4	3,758.31	3/4	3,893.83	3/4	4,028.68	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,624.94	5	3,761.15	5	3,896.64	5	4,031.49	5		5		5		5		5		5	
1/4	3,627.78	1/4	3,763.98	1/4	3,899.45	1/4	4,034.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,630.61	1/2	3,766.82	1/2	3,902.26	1/2	4,037.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,633.45	3/4	3,769.66	3/4	3,905.07	3/4	4,039.92	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,636.29	6	3,772.50	6	3,907.88	6	4,042.73	6		6		6		6		6		6	
1/4	3,639.12	1/4	3,775.34	1/4	3,910.68	1/4	4,045.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,641.96	1/2	3,778.18	1/2	3,913.49	1/2	4,048.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,644.80	3/4	3,781.01	3/4	3,916.30	3/4	4,051.15	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,647.63	7	3,783.85	7	3,919.11	7	4,053.96	7		7		7		7		7		7	
1/4	3,650.47	1/4	3,786.69	1/4	3,921.92	1/4	4,056.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,653.31	1/2	3,789.53	1/2	3,924.73	1/2	4,059.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,656.14	3/4	3,792.37	3/4	3,927.54	3/4	4,062.39	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,658.98	8	3,795.21	8	3,930.35	8	4,065.20	8		8		8		8		8		8	
1/4	3,661.82	1/4	3,798.04	1/4	3,933.16	1/4	4,068.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,664.65	1/2	3,800.88	1/2	3,935.97	1/2	4,070.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,667.49	3/4	3,803.72	3/4	3,938.78	3/4	4,073.63	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,670.33	9	3,806.56	9	3,941.59	9	4,076.44	9		9		9		9		9		9	
1/4	3,673.16	1/4	3,809.40	1/4	3,944.40	1/4	4,079.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,676.00	1/2	3,812.23	1/2	3,947.21	1/2	4,082.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,678.84	3/4	3,815.07	3/4	3,950.02	3/4	4,084.86	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,681.67	10	3,817.91	10	3,952.83	10	4,087.67	10		10		10		10		10		10	
1/4	3,684.51	1/4	3,820.74	1/4	3,955.64	1/4	4,090.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,687.35	1/2	3,823.56	1/2	3,958.44	1/2	4,093.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.19	3/4	3,826.39	3/4	3,961.25	3/4	4,096.05	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,693.03	11	3,829.21	11	3,964.06	11	4,098.84	11		11		11		11		11		11	
1/4	3,695.87	1/4	3,832.02	1/4	3,966.87	1/4	4,101.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,698.70	1/2	3,834.83	1/2	3,969.68	1/2	4,104.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,701.54	3/4	3,837.64	3/4	3,972.49	3/4	4,106.79	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2018 CL
CALCULATED: 11/29/2018 CL
PRINTED: 11/29/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

PRECISION MEASUREMENT
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BARGE "MMLP 332"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	3,068	0	6,128	0	9,195	0	12,255	0		0		0		0		0	
1/4	64	1/4	3,132	1/4	6,191	1/4	9,259	1/4	12,319	1/4		1/4		1/4		1/4		1/4	
1/2	128	1/2	3,196	1/2	6,255	1/2	9,323	1/2	12,383	1/2		1/2		1/2		1/2		1/2	
3/4	192	3/4	3,260	3/4	6,319	3/4	9,387	3/4	12,447	3/4		3/4		3/4		3/4		3/4	
1	256	1	3,323	1	6,383	1	9,451	1	12,511	1		1		1		1		1	
1/4	320	1/4	3,387	1/4	6,447	1/4	9,514	1/4	12,575	1/4		1/4		1/4		1/4		1/4	
1/2	383	1/2	3,451	1/2	6,511	1/2	9,577	1/2	12,639	1/2		1/2		1/2		1/2		1/2	
3/4	447	3/4	3,515	3/4	6,575	3/4	9,641	3/4	12,703	3/4		3/4		3/4		3/4		3/4	
2	511	2	3,579	2	6,639	2	9,704	2	12,766	2		2		2		2		2	
1/4	575	1/4	3,643	1/4	6,703	1/4	9,767	1/4	12,830	1/4		1/4		1/4		1/4		1/4	
1/2	639	1/2	3,707	1/2	6,767	1/2	9,830	1/2	12,894	1/2		1/2		1/2		1/2		1/2	
3/4	703	3/4	3,771	3/4	6,831	3/4	9,894	3/4	12,958	3/4		3/4		3/4		3/4		3/4	
3	767	3	3,835	3	6,895	3	9,957	3	13,022	3		3		3		3		3	
1/4	831	1/4	3,899	1/4	6,958	1/4	10,020	1/4	13,086	1/4		1/4		1/4		1/4		1/4	
1/2	895	1/2	3,963	1/2	7,022	1/2	10,083	1/2	13,150	1/2		1/2		1/2		1/2		1/2	
3/4	959	3/4	4,026	3/4	7,086	3/4	10,147	3/4	13,214	3/4		3/4		3/4		3/4		3/4	
4	1,023	4	4,090	4	7,150	4	10,210	4	13,278	4		4		4		4		4	
1/4	1,087	1/4	4,154	1/4	7,214	1/4	10,274	1/4	13,342	1/4		1/4		1/4		1/4		1/4	
1/2	1,150	1/2	4,218	1/2	7,278	1/2	10,338	1/2	13,406	1/2		1/2		1/2		1/2		1/2	
3/4	1,214	3/4	4,282	3/4	7,342	3/4	10,402	3/4	13,469	3/4		3/4		3/4		3/4		3/4	
5	1,278	5	4,346	5	7,406	5	10,466	5	13,533	5		5		5		5		5	
1/4	1,342	1/4	4,410	1/4	7,470	1/4	10,529	1/4	13,597	1/4		1/4		1/4		1/4		1/4	
1/2	1,406	1/2	4,474	1/2	7,534	1/2	10,593	1/2	13,661	1/2		1/2		1/2		1/2		1/2	
3/4	1,470	3/4	4,538	3/4	7,598	3/4	10,657	3/4	13,725	3/4		3/4		3/4		3/4		3/4	
6	1,534	6	4,602	6	7,661	6	10,721	6	13,789	6		6		6		6		6	
1/4	1,598	1/4	4,666	1/4	7,725	1/4	10,785	1/4	13,853	1/4		1/4		1/4		1/4		1/4	
1/2	1,662	1/2	4,730	1/2	7,789	1/2	10,849	1/2	13,917	1/2		1/2		1/2		1/2		1/2	
3/4	1,726	3/4	4,793	3/4	7,853	3/4	10,913	3/4	13,981	3/4		3/4		3/4		3/4		3/4	
7	1,790	7	4,857	7	7,917	7	10,977	7	14,045	7		7		7		7		7	
1/4	1,853	1/4	4,921	1/4	7,981	1/4	11,041	1/4	14,109	1/4		1/4		1/4		1/4		1/4	
1/2	1,917	1/2	4,984	1/2	8,045	1/2	11,105	1/2	14,172	1/2		1/2		1/2		1/2		1/2	
3/4	1,981	3/4	5,047	3/4	8,109	3/4	11,169	3/4	14,236	3/4		3/4		3/4		3/4		3/4	
8	2,045	8	5,110	8	8,173	8	11,233	8	14,300	8		8		8		8		8	
1/4	2,109	1/4	5,174	1/4	8,237	1/4	11,296	1/4	14,364	1/4		1/4		1/4		1/4		1/4	
1/2	2,173	1/2	5,237	1/2	8,301	1/2	11,360	1/2	14,428	1/2		1/2		1/2		1/2		1/2	
3/4	2,237	3/4	5,300	3/4	8,364	3/4	11,424	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,301	9	5,363	9	8,428	9	11,488	9		9		9		9		9		9	
1/4	2,365	1/4	5,427	1/4	8,492	1/4	11,552	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,429	1/2	5,490	1/2	8,556	1/2	11,616	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,493	3/4	5,553	3/4	8,620	3/4	11,680	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,556	10	5,616	10	8,684	10	11,744	10		10		10		10		10		10	
1/4	2,620	1/4	5,680	1/4	8,748	1/4	11,808	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,684	1/2	5,744	1/2	8,812	1/2	11,872	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,748	3/4	5,808	3/4	8,876	3/4	11,936	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,812	11	5,872	11	8,940	11	11,999	11		11		11		11		11		11	
1/4	2,876	1/4	5,936	1/4	9,004	1/4	12,063	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,940	1/2	6,000	1/2	9,068	1/2	12,127	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,004	3/4	6,064	3/4	9,131	3/4	12,191	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK

STRAPPED: 11/28/2018 CL
CALCULATED: 11/29/2018 CL
PRINTED: 11/29/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2018

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