



BARGE "MM 326"

ULLAGE TRIM TABLE 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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
3 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
3 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
4 PORT	01-1/4	- 01-1/4	02-1/2	- 02-1/2	03-7/8	- 03-7/8	05-1/8	- 05-1/8	06-3/8	- 06-3/8	07-5/8	- 07-5/8
4 STBD	01-1/4	- 01-1/4	02-1/2	- 02-1/2	03-7/8	- 03-7/8	05-1/8	- 05-1/8	06-3/8	- 06-3/8	07-5/8	- 07-5/8

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

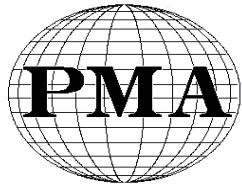
LENGTH BETWEEN DRAFT MARKS: 236'-09"

April 13, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MM 326"

ULLAGE TRIM TABLE MMC

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

(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 4 PORT IS - 02-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 4 PORT, THE TRIM CORRECTED ULLAGE IS 3'-09 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-09"

April 13, 2020

**PRECISION MEASUREMENT
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BARGE "MM 326"

1 PORT ULLAGE 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	0	3,432.64	0	3,193.95	0	2,947.54	0	2,701.13	0	2,454.02	0	2,206.74	0	1,959.46	0	1,712.18	0	1,464.90	
1/4	1/4	3,429.27	1/4	3,188.82	1/4	2,942.41	1/4	2,695.99	1/4	2,448.87	1/4	2,201.59	1/4	1,954.31	1/4	1,707.03	1/4	1,459.74	
1/2	1/2	3,425.05	1/2	3,183.69	1/2	2,937.27	1/2	2,690.86	1/2	2,443.72	1/2	2,196.44	1/2	1,949.16	1/2	1,701.87	1/2	1,454.59	
3/4	3/4	3,420.82	3/4	3,178.55	3/4	2,932.14	3/4	2,685.73	3/4	2,438.57	3/4	2,191.29	3/4	1,944.00	3/4	1,696.72	3/4	1,449.44	
1	1	3,416.60	1	3,173.42	1	2,927.01	1	2,680.59	1	2,433.42	1	2,186.13	1	1,938.85	1	1,691.57	1	1,444.29	
1/4	1/4	3,412.38	1/4	3,168.29	1/4	2,921.87	1/4	2,675.46	1/4	2,428.26	1/4	2,180.98	1/4	1,933.70	1/4	1,686.42	1/4	1,439.14	
1/2	1/2	3,407.52	1/2	3,163.15	1/2	2,916.74	1/2	2,670.33	1/2	2,423.11	1/2	2,175.83	1/2	1,928.55	1/2	1,681.27	1/2	1,433.99	
3/4	3/4	3,402.67	3/4	3,158.02	3/4	2,911.61	3/4	2,665.19	3/4	2,417.96	3/4	2,170.68	3/4	1,923.40	3/4	1,676.12	3/4	1,428.83	
2	2	3,397.81	2	3,152.88	2	2,906.47	2	2,660.06	2	2,412.81	2	2,165.53	2	1,918.25	2	1,670.96	2	1,423.68	
1/4	1/4	3,392.96	1/4	3,147.75	1/4	2,901.34	1/4	2,654.93	1/4	2,407.66	1/4	2,160.38	1/4	1,913.09	1/4	1,665.81	1/4	1,418.53	
1/2	1/2	3,387.89	1/2	3,142.62	1/2	2,896.20	1/2	2,649.78	1/2	2,402.51	1/2	2,155.22	1/2	1,907.94	1/2	1,660.66	1/2	1,413.38	
3/4	3/4	3,382.82	3/4	3,137.48	3/4	2,891.07	3/4	2,644.63	3/4	2,397.35	3/4	2,150.07	3/4	1,902.79	3/4	1,655.51	3/4	1,408.23	
3	3	3,377.76	3	3,132.35	3	2,885.94	3	2,639.48	3	2,392.20	3	2,144.92	3	1,897.64	3	1,650.36	3	1,403.08	
1/4	1/4	3,372.69	1/4	3,127.22	1/4	2,880.80	1/4	2,634.33	1/4	2,387.05	1/4	2,139.77	1/4	1,892.49	1/4	1,645.21	1/4	1,397.92	
1/2	1/2	3,367.61	1/2	3,122.08	1/2	2,875.67	1/2	2,629.18	1/2	2,381.90	1/2	2,134.62	1/2	1,887.34	1/2	1,640.05	1/2	1,392.77	
3/4	3/4	3,362.53	3/4	3,116.95	3/4	2,870.54	3/4	2,624.03	3/4	2,376.75	3/4	2,129.47	3/4	1,882.18	3/4	1,634.90	3/4	1,387.62	
4	4	3,357.45	4	3,111.82	4	2,865.40	4	2,618.88	4	2,371.60	4	2,124.31	4	1,877.03	4	1,629.75	4	1,382.47	
1/4	1/4	3,352.38	1/4	3,106.68	1/4	2,860.27	1/4	2,613.73	1/4	2,366.44	1/4	2,119.16	1/4	1,871.88	1/4	1,624.60	1/4	1,377.32	
1/2	1/2	3,347.29	1/2	3,101.55	1/2	2,855.14	1/2	2,608.57	1/2	2,361.29	1/2	2,114.01	1/2	1,866.73	1/2	1,619.45	1/2	1,372.17	
3/4	3/4	3,342.21	3/4	3,096.41	3/4	2,850.00	3/4	2,603.42	3/4	2,356.14	3/4	2,108.86	3/4	1,861.58	3/4	1,614.30	3/4	1,367.01	
5	5	3,337.13	5	3,091.28	5	2,844.87	5	2,598.27	5	2,350.99	5	2,103.71	5	1,856.43	5	1,609.14	5	1,361.86	
1/4	1/4	3,332.05	1/4	3,086.15	1/4	2,839.73	1/4	2,593.12	1/4	2,345.84	1/4	2,098.56	1/4	1,851.27	1/4	1,603.99	1/4	1,356.71	
1/2	1/2	3,326.97	1/2	3,081.01	1/2	2,834.60	1/2	2,587.97	1/2	2,340.69	1/2	2,093.40	1/2	1,846.12	1/2	1,598.84	1/2	1,351.56	
3/4	3/4	3,321.88	3/4	3,075.88	3/4	2,829.47	3/4	2,582.82	3/4	2,335.53	3/4	2,088.25	3/4	1,840.97	3/4	1,593.69	3/4	1,346.41	
6	6	3,316.80	6	3,070.75	6	2,824.33	6	2,577.66	6	2,330.38	6	2,083.10	6	1,835.82	6	1,588.54	6	1,341.26	
1/4	1/4	3,311.72	1/4	3,065.61	1/4	2,819.20	1/4	2,572.51	1/4	2,325.23	1/4	2,077.95	1/4	1,830.67	1/4	1,583.39	1/4	1,336.10	
1/2	1/2	3,306.63	1/2	3,060.48	1/2	2,814.07	1/2	2,567.36	1/2	2,320.08	1/2	2,072.80	1/2	1,825.52	1/2	1,578.23	1/2	1,330.95	
3/4	3/4	3,301.55	3/4	3,055.35	3/4	2,808.93	3/4	2,562.21	3/4	2,314.93	3/4	2,067.65	3/4	1,820.36	3/4	1,573.08	3/4	1,325.80	
7	7	3,296.47	7	3,050.21	7	2,803.80	7	2,557.06	7	2,309.78	7	2,062.49	7	1,815.21	7	1,567.93	7	1,320.65	
1/4	1/4	3,291.39	1/4	3,045.08	1/4	2,798.67	1/4	2,551.91	1/4	2,304.62	1/4	2,057.34	1/4	1,810.06	1/4	1,562.78	1/4	1,315.50	
1/2	1/2	3,286.28	1/2	3,039.95	1/2	2,793.53	1/2	2,546.75	1/2	2,299.47	1/2	2,052.19	1/2	1,804.91	1/2	1,557.63	1/2	1,310.35	
3/4	3/4	3,281.17	3/4	3,034.81	3/4	2,788.40	3/4	2,541.60	3/4	2,294.32	3/4	2,047.04	3/4	1,799.76	3/4	1,552.48	3/4	1,305.19	
8	8	3,276.06	8	3,029.68	8	2,783.27	8	2,536.45	8	2,289.17	8	2,041.89	8	1,794.61	8	1,547.32	8	1,300.04	
1/4	1/4	3,270.96	1/4	3,024.54	1/4	2,778.13	1/4	2,531.30	1/4	2,284.02	1/4	2,036.74	1/4	1,789.45	1/4	1,542.17	1/4	1,294.89	
1/2	1/2	3,265.82	1/2	3,019.41	1/2	2,773.00	1/2	2,526.15	1/2	2,278.87	1/2	2,031.58	1/2	1,784.30	1/2	1,537.02	1/2	1,289.74	
3/4	3/4	3,260.69	3/4	3,014.28	3/4	2,767.86	3/4	2,520.99	3/4	2,273.71	3/4	2,026.43	3/4	1,779.15	3/4	1,531.87	3/4	1,284.59	
9	9	3,255.56	9	3,009.14	9	2,762.73	9	2,515.84	9	2,268.56	9	2,021.28	9	1,774.00	9	1,526.72	9	1,279.44	
1/4	1/4	3,250.42	1/4	3,004.01	1/4	2,757.60	1/4	2,510.69	1/4	2,263.41	1/4	2,016.13	1/4	1,768.85	1/4	1,521.57	1/4	1,274.28	
1/2	1/2	3,245.29	1/2	2,998.88	1/2	2,752.46	1/2	2,505.54	1/2	2,258.26	1/2	2,010.98	1/2	1,763.70	1/2	1,516.41	1/2	1,269.13	
3/4	3/4	3,240.16	3/4	2,993.74	3/4	2,747.33	3/4	2,500.39	3/4	2,253.11	3/4	2,005.83	3/4	1,758.54	3/4	1,511.26	3/4	1,263.98	
10	10	3,235.02	10	2,988.61	10	2,742.20	10	2,495.24	10	2,247.95	10	2,000.67	10	1,753.39	10	1,506.11	10	1,258.83	
1/4	1/4	3,229.89	1/4	2,983.48	1/4	2,737.06	1/4	2,490.08	1/4	2,242.80	1/4	1,995.52	1/4	1,748.24	1/4	1,500.96	1/4	1,253.68	
1/2	1/2	3,224.75	1/2	2,978.34	1/2	2,731.93	1/2	2,484.93	1/2	2,237.65	1/2	1,990.37	1/2	1,743.09	1/2	1,495.81	1/2	1,248.53	
3/4	3/4	3,219.62	3/4	2,973.21	3/4	2,726.80	3/4	2,479.78	3/4	2,232.50	3/4	1,985.22	3/4	1,737.94	3/4	1,490.66	3/4	1,243.37	
11	11	3,214.49	11	2,968.07	11	2,721.66	11	2,474.63	11	2,227.35	11	1,980.07	11	1,732.78	11	1,485.50	11	1,238.22	
1/4	3,442.73	1/4	3,209.35	1/4	2,962.94	1/4	2,716.53	1/4	2,469.48	1/4	2,222.20	1/4	1,974.91	1/4	1,727.63	1/4	1,480.35	1/4	1,233.07
1/2	3,439.37	1/2	3,204.22	1/2	2,957.81	1/2	2,711.39	1/2	2,464.33	1/2	2,217.04	1/2	1,969.76	1/2	1,722.48	1/2	1,475.20	1/2	1,227.92
3/4	3,436.00	3/4	3,199.09	3/4	2,952.67	3/4	2,706.26	3/4	2,459.17	3/4	2,211.89	3/4	1,964.61	3/4	1,717.33	3/4	1,470.05	3/4	1,222.77

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 ONLY APPLIES TO ULLAGE GAUGES

GAUGE POINT: (MMC - TOP OF THREADS) LOCATED 12'-08" OFF CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD

GAUGE POINT: (8" HATCH) LOCATED 12'-08" OFF CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "MM 326"

1 PORT ULLAGE 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	1,217.61	0	971.27	0	725.71	0	480.76	0	237.50	0	38.62	0		0		0		0	
1/4	1,212.46	1/4	966.23	1/4	720.59	1/4	475.60	1/4	232.86	1/4	35.05	1/4		1/4		1/4		1/4	
1/2	1,207.31	1/2	961.18	1/2	715.48	1/2	470.45	1/2	228.30	1/2	31.89	1/2		1/2		1/2		1/2	
3/4	1,202.16	3/4	956.13	3/4	710.38	3/4	465.30	3/4	223.75	3/4	28.72	3/4		3/4		3/4		3/4	
1	1,197.01	1	951.08	1	705.27	1	460.15	1	219.20	1	25.56	1		1		1		1	
1/4	1,191.86	1/4	946.04	1/4	700.16	1/4	454.99	1/4	214.65	1/4	22.40	1/4		1/4		1/4		1/4	
1/2	1,186.70	1/2	940.99	1/2	695.06	1/2	449.84	1/2	210.19	1/2	20.27	1/2		1/2		1/2		1/2	
3/4	1,181.55	3/4	935.94	3/4	689.96	3/4	444.69	3/4	205.72	3/4	18.15	3/4		3/4		3/4		3/4	
2	1,176.40	2	930.90	2	684.86	2	439.54	2	201.26	2	16.03	2		2		2		2	
1/4	1,171.25	1/4	925.85	1/4	679.76	1/4	434.38	1/4	196.80	1/4	13.91	1/4		1/4		1/4		1/4	
1/2	1,166.10	1/2	920.80	1/2	674.66	1/2	429.23	1/2	192.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,160.95	3/4	915.75	3/4	669.56	3/4	424.08	3/4	188.04	3/4		3/4		3/4		3/4		3/4	
3	1,155.79	3	910.71	3	664.47	3	418.93	3	183.67	3		3		3		3		3	
1/4	1,150.64	1/4	905.66	1/4	659.37	1/4	413.77	1/4	179.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,145.49	1/2	900.56	1/2	654.27	1/2	408.62	1/2	175.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,140.34	3/4	895.46	3/4	649.18	3/4	403.47	3/4	170.72	3/4		3/4		3/4		3/4		3/4	
4	1,135.19	4	890.36	4	644.08	4	398.32	4	166.43	4		4		4		4		4	
1/4	1,130.04	1/4	885.26	1/4	638.99	1/4	393.16	1/4	162.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,124.88	1/2	880.11	1/2	633.89	1/2	388.01	1/2	157.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,119.73	3/4	874.96	3/4	628.80	3/4	382.86	3/4	153.58	3/4		3/4		3/4		3/4		3/4	
5	1,114.58	5	869.80	5	623.70	5	377.71	5	149.29	5		5		5		5		5	
1/4	1,109.43	1/4	864.65	1/4	618.61	1/4	372.55	1/4	145.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,104.28	1/2	859.50	1/2	613.51	1/2	367.40	1/2	140.74	1/2		1/2		1/2		1/2		1/2	
3/4	1,099.13	3/4	854.35	3/4	608.42	3/4	362.25	3/4	136.46	3/4		3/4		3/4		3/4		3/4	
6	1,093.97	6	849.19	6	603.32	6	357.10	6	132.19	6		6		6		6		6	
1/4	1,088.82	1/4	844.04	1/4	598.23	1/4	351.94	1/4	127.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,083.67	1/2	838.89	1/2	593.13	1/2	346.79	1/2	123.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,078.52	3/4	833.73	3/4	588.04	3/4	341.64	3/4	119.54	3/4		3/4		3/4		3/4		3/4	
7	1,073.37	7	828.58	7	582.94	7	336.49	7	115.35	7		7		7		7		7	
1/4	1,068.22	1/4	823.43	1/4	577.85	1/4	331.33	1/4	111.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,063.06	1/2	818.28	1/2	572.75	1/2	326.20	1/2	107.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,057.91	3/4	813.12	3/4	567.66	3/4	321.07	3/4	102.96	3/4		3/4		3/4		3/4		3/4	
8	1,052.76	8	807.97	8	562.56	8	315.94	8	98.86	8		8		8		8		8	
1/4	1,047.61	1/4	802.82	1/4	557.47	1/4	310.81	1/4	94.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,042.46	1/2	797.66	1/2	552.37	1/2	305.75	1/2	90.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,037.31	3/4	792.51	3/4	547.28	3/4	300.68	3/4	86.90	3/4		3/4		3/4		3/4		3/4	
9	1,032.15	9	787.36	9	542.18	9	295.62	9	82.97	9		9		9		9		9	
1/4	1,027.00	1/4	782.21	1/4	537.09	1/4	290.55	1/4	79.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,021.90	1/2	777.05	1/2	531.99	1/2	285.58	1/2	75.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,016.80	3/4	771.90	3/4	526.90	3/4	280.60	3/4	71.52	3/4		3/4		3/4		3/4		3/4	
10	1,011.70	10	766.75	10	521.80	10	275.62	10	67.76	10		10		10		10		10	
1/4	1,006.60	1/4	761.60	1/4	516.71	1/4	270.64	1/4	64.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,001.56	1/2	756.46	1/2	511.58	1/2	265.84	1/2	60.33	1/2		1/2		1/2		1/2		1/2	
3/4	996.51	3/4	751.33	3/4	506.46	3/4	261.03	3/4	56.66	3/4		3/4		3/4		3/4		3/4	
11	991.46	11	746.19	11	501.34	11	256.22	11	52.99	11		11		11		11		11	
1/4	986.42	1/4	741.06	1/4	496.21	1/4	251.41	1/4	49.32	1/4		1/4		1/4		1/4		1/4	
1/2	981.37	1/2	735.94	1/2	491.06	1/2	246.77	1/2	45.76	1/2		1/2		1/2		1/2		1/2	
3/4	976.32	3/4	730.82	3/4	485.91	3/4	242.13	3/4	42.19	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/13/2020 JS
CALCULATED: 04/14/2020 CL
PRINTED: 04/15/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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



BARGE "MM 326"

1 STBD ULLAGE 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	0	3,431.62	0	3,193.14	0	2,946.94	0	2,700.74	0	2,453.86	0	2,206.80	0	1,959.73	0	1,712.67	0	1,465.60	
1/4	1/4	3,428.26	1/4	3,188.01	1/4	2,941.81	1/4	2,695.62	1/4	2,448.72	1/4	2,201.65	1/4	1,954.58	1/4	1,707.52	1/4	1,460.45	
1/2	1/2	3,424.04	1/2	3,182.88	1/2	2,936.68	1/2	2,690.49	1/2	2,443.57	1/2	2,196.50	1/2	1,949.44	1/2	1,702.37	1/2	1,455.31	
3/4	3/4	3,419.82	3/4	3,177.75	3/4	2,931.55	3/4	2,685.36	3/4	2,438.42	3/4	2,191.36	3/4	1,944.29	3/4	1,697.22	3/4	1,450.16	
1	1	3,415.60	1	3,172.62	1	2,926.43	1	2,680.23	1	2,433.27	1	2,186.21	1	1,939.14	1	1,692.08	1	1,445.01	
1/4	1/4	3,411.38	1/4	3,167.49	1/4	2,921.30	1/4	2,675.10	1/4	2,428.13	1/4	2,181.06	1/4	1,934.00	1/4	1,686.93	1/4	1,439.86	
1/2	1/2	3,406.53	1/2	3,162.36	1/2	2,916.17	1/2	2,669.97	1/2	2,422.98	1/2	2,175.91	1/2	1,928.85	1/2	1,681.78	1/2	1,434.72	
3/4	3/4	3,401.68	3/4	3,157.23	3/4	2,911.04	3/4	2,664.84	3/4	2,417.83	3/4	2,170.77	3/4	1,923.70	3/4	1,676.64	3/4	1,429.57	
2	2	3,396.83	2	3,152.11	2	2,905.91	2	2,659.71	2	2,412.69	2	2,165.62	2	1,918.55	2	1,671.49	2	1,424.42	
1/4	1/4	3,391.98	1/4	3,146.98	1/4	2,900.78	1/4	2,654.58	1/4	2,407.54	1/4	2,160.47	1/4	1,913.41	1/4	1,666.34	1/4	1,419.28	
1/2	1/2	3,386.92	1/2	3,141.85	1/2	2,895.65	1/2	2,649.44	1/2	2,402.39	1/2	2,155.33	1/2	1,908.26	1/2	1,661.19	1/2	1,414.13	
3/4	3/4	3,381.85	3/4	3,136.72	3/4	2,890.52	3/4	2,644.30	3/4	2,397.24	3/4	2,150.18	3/4	1,903.11	3/4	1,656.05	3/4	1,408.98	
3	3	3,376.79	3	3,131.59	3	2,885.39	3	2,639.16	3	2,392.10	3	2,145.03	3	1,897.97	3	1,650.90	3	1,403.83	
1/4	1/4	3,371.73	1/4	3,126.46	1/4	2,880.26	1/4	2,634.01	1/4	2,386.95	1/4	2,139.88	1/4	1,892.82	1/4	1,645.75	1/4	1,398.69	
1/2	1/2	3,366.65	1/2	3,121.33	1/2	2,875.13	1/2	2,628.87	1/2	2,381.80	1/2	2,134.74	1/2	1,887.67	1/2	1,640.61	1/2	1,393.54	
3/4	3/4	3,361.58	3/4	3,116.20	3/4	2,870.00	3/4	2,623.72	3/4	2,376.65	3/4	2,129.59	3/4	1,882.52	3/4	1,635.46	3/4	1,388.39	
4	4	3,356.51	4	3,111.07	4	2,864.88	4	2,618.57	4	2,371.51	4	2,124.44	4	1,877.38	4	1,630.31	4	1,383.25	
1/4	1/4	3,351.43	1/4	3,105.94	1/4	2,859.75	1/4	2,613.43	1/4	2,366.36	1/4	2,119.29	1/4	1,872.23	1/4	1,625.16	1/4	1,378.10	
1/2	1/2	3,346.35	1/2	3,100.81	1/2	2,854.62	1/2	2,608.28	1/2	2,361.21	1/2	2,114.15	1/2	1,867.08	1/2	1,620.02	1/2	1,372.95	
3/4	3/4	3,341.28	3/4	3,095.69	3/4	2,849.49	3/4	2,603.13	3/4	2,356.07	3/4	2,109.00	3/4	1,861.93	3/4	1,614.87	3/4	1,367.80	
5	5	3,336.20	5	3,090.56	5	2,844.36	5	2,597.98	5	2,350.92	5	2,103.85	5	1,856.79	5	1,609.72	5	1,362.66	
1/4	1/4	3,331.12	1/4	3,085.43	1/4	2,839.23	1/4	2,592.84	1/4	2,345.77	1/4	2,098.71	1/4	1,851.64	1/4	1,604.57	1/4	1,357.51	
1/2	1/2	3,326.04	1/2	3,080.30	1/2	2,834.10	1/2	2,587.69	1/2	2,340.62	1/2	2,093.56	1/2	1,846.49	1/2	1,599.43	1/2	1,352.36	
3/4	3/4	3,320.96	3/4	3,075.17	3/4	2,828.97	3/4	2,582.54	3/4	2,335.48	3/4	2,088.41	3/4	1,841.35	3/4	1,594.28	3/4	1,347.21	
6	6	3,315.89	6	3,070.04	6	2,823.84	6	2,577.40	6	2,330.33	6	2,083.26	6	1,836.20	6	1,589.13	6	1,342.07	
1/4	1/4	3,310.81	1/4	3,064.91	1/4	2,818.71	1/4	2,572.25	1/4	2,325.18	1/4	2,078.12	1/4	1,831.05	1/4	1,583.99	1/4	1,336.92	
1/2	1/2	3,305.73	1/2	3,059.78	1/2	2,813.58	1/2	2,567.10	1/2	2,320.04	1/2	2,072.97	1/2	1,825.90	1/2	1,578.84	1/2	1,331.77	
3/4	3/4	3,300.65	3/4	3,054.65	3/4	2,808.46	3/4	2,561.95	3/4	2,314.89	3/4	2,067.82	3/4	1,820.76	3/4	1,573.69	3/4	1,326.63	
7	7	3,295.57	7	3,049.52	7	2,803.33	7	2,556.81	7	2,309.74	7	2,062.68	7	1,815.61	7	1,568.54	7	1,321.48	
1/4	1/4	3,290.49	1/4	3,044.39	1/4	2,798.20	1/4	2,551.66	1/4	2,304.59	1/4	2,057.53	1/4	1,810.46	1/4	1,563.40	1/4	1,316.33	
1/2	1/2	3,285.39	1/2	3,039.27	1/2	2,793.07	1/2	2,546.51	1/2	2,299.45	1/2	2,052.38	1/2	1,805.32	1/2	1,558.25	1/2	1,311.18	
3/4	3/4	3,280.28	3/4	3,034.14	3/4	2,787.94	3/4	2,541.37	3/4	2,294.30	3/4	2,047.23	3/4	1,800.17	3/4	1,553.10	3/4	1,306.04	
8	8	3,275.18	8	3,029.01	8	2,782.81	8	2,536.22	8	2,289.15	8	2,042.09	8	1,795.02	8	1,547.96	8	1,300.89	
1/4	1/4	3,270.07	1/4	3,023.88	1/4	2,777.68	1/4	2,531.07	1/4	2,284.01	1/4	2,036.94	1/4	1,789.87	1/4	1,542.81	1/4	1,295.74	
1/2	1/2	3,264.95	1/2	3,018.75	1/2	2,772.55	1/2	2,525.92	1/2	2,278.86	1/2	2,031.79	1/2	1,784.73	1/2	1,537.66	1/2	1,290.60	
3/4	3/4	3,259.82	3/4	3,013.62	3/4	2,767.42	3/4	2,520.78	3/4	2,273.71	3/4	2,026.65	3/4	1,779.58	3/4	1,532.51	3/4	1,285.45	
9	9	3,254.69	9	3,008.49	9	2,762.29	9	2,515.63	9	2,268.56	9	2,021.50	9	1,774.43	9	1,527.37	9	1,280.30	
1/4	1/4	3,249.56	1/4	3,003.36	1/4	2,757.16	1/4	2,510.48	1/4	2,263.42	1/4	2,016.35	1/4	1,769.29	1/4	1,522.22	1/4	1,275.15	
1/2	1/2	3,244.43	1/2	2,998.23	1/2	2,752.04	1/2	2,505.33	1/2	2,258.27	1/2	2,011.20	1/2	1,764.14	1/2	1,517.07	1/2	1,270.01	
3/4	3/4	3,239.30	3/4	2,993.10	3/4	2,746.91	3/4	2,500.19	3/4	2,253.12	3/4	2,006.06	3/4	1,758.99	3/4	1,511.93	3/4	1,264.86	
10	10	3,234.17	10	2,987.97	10	2,741.78	10	2,495.04	10	2,247.97	10	2,000.91	10	1,753.84	10	1,506.78	10	1,259.71	
1/4	1/4	3,229.04	1/4	2,982.85	1/4	2,736.65	1/4	2,489.89	1/4	2,242.83	1/4	1,995.76	1/4	1,748.70	1/4	1,501.63	1/4	1,254.57	
1/2	1/2	3,223.91	1/2	2,977.72	1/2	2,731.52	1/2	2,484.75	1/2	2,237.68	1/2	1,990.61	1/2	1,743.55	1/2	1,496.48	1/2	1,249.42	
3/4	3/4	3,218.78	3/4	2,972.59	3/4	2,726.39	3/4	2,479.60	3/4	2,232.53	3/4	1,985.47	3/4	1,738.40	3/4	1,491.34	3/4	1,244.27	
11	11	3,213.65	11	2,967.46	11	2,721.26	11	2,474.45	11	2,227.39	11	1,980.32	11	1,733.25	11	1,486.19	11	1,239.12	
1/4	3,441.71	1/4	3,208.53	1/4	2,962.33	1/4	2,716.13	1/4	2,469.30	1/4	2,222.24	1/4	1,975.17	1/4	1,728.11	1/4	1,481.04	1/4	1,233.98
1/2	3,438.35	1/2	3,203.40	1/2	2,957.20	1/2	2,711.00	1/2	2,464.16	1/2	2,217.09	1/2	1,970.03	1/2	1,722.96	1/2	1,475.89	1/2	1,228.83
3/4	3,434.99	3/4	3,198.27	3/4	2,952.07	3/4	2,705.87	3/4	2,459.01	3/4	2,211.94	3/4	1,964.88	3/4	1,717.81	3/4	1,470.75	3/4	1,223.68

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 ONLY APPLIES TO ULLAGE GAUGES
 GAUGE POINT: (MMC - TOP OF THREADS) LOCATED 12'-08" OFF CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD
 GAUGE POINT: (8" HATCH) LOCATED 12'-08" OFF CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MM 326"

1 STBD ULLAGE 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	1,218.53	0	972.41	0	726.87	0	480.56	0	237.51	0	38.64	0		0		0		0	
1/4	1,213.39	1/4	967.36	1/4	721.72	1/4	475.42	1/4	232.87	1/4	35.07	1/4		1/4		1/4		1/4	
1/2	1,208.24	1/2	962.32	1/2	716.58	1/2	470.27	1/2	228.32	1/2	31.90	1/2		1/2		1/2		1/2	
3/4	1,203.09	3/4	957.28	3/4	711.44	3/4	465.12	3/4	223.77	3/4	28.74	3/4		3/4		3/4		3/4	
1	1,197.95	1	952.23	1	706.30	1	459.97	1	219.22	1	25.57	1		1		1		1	
1/4	1,192.80	1/4	947.19	1/4	701.16	1/4	454.82	1/4	214.67	1/4	22.41	1/4		1/4		1/4		1/4	
1/2	1,187.65	1/2	942.15	1/2	696.03	1/2	449.68	1/2	210.21	1/2	20.28	1/2		1/2		1/2		1/2	
3/4	1,182.50	3/4	937.10	3/4	690.90	3/4	444.53	3/4	205.75	3/4	18.15	3/4		3/4		3/4		3/4	
2	1,177.36	2	932.06	2	685.76	2	439.38	2	201.29	2	16.03	2		2		2		2	
1/4	1,172.21	1/4	927.02	1/4	680.63	1/4	434.23	1/4	196.82	1/4	13.90	1/4		1/4		1/4		1/4	
1/2	1,167.06	1/2	921.97	1/2	675.50	1/2	429.09	1/2	192.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,161.92	3/4	916.93	3/4	670.37	3/4	423.94	3/4	188.07	3/4		3/4		3/4		3/4		3/4	
3	1,156.77	3	911.89	3	665.24	3	418.79	3	183.70	3		3		3		3		3	
1/4	1,151.62	1/4	906.85	1/4	660.11	1/4	413.64	1/4	179.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,146.47	1/2	901.75	1/2	654.99	1/2	408.49	1/2	175.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,141.33	3/4	896.65	3/4	649.86	3/4	403.35	3/4	170.75	3/4		3/4		3/4		3/4		3/4	
4	1,136.18	4	891.56	4	644.73	4	398.20	4	166.46	4		4		4		4		4	
1/4	1,131.03	1/4	886.46	1/4	639.60	1/4	393.05	1/4	162.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,125.89	1/2	881.31	1/2	634.48	1/2	387.90	1/2	157.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,120.74	3/4	876.17	3/4	629.35	3/4	382.75	3/4	153.61	3/4		3/4		3/4		3/4		3/4	
5	1,115.59	5	871.02	5	624.22	5	377.61	5	149.33	5		5		5		5		5	
1/4	1,110.44	1/4	865.87	1/4	619.10	1/4	372.46	1/4	145.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,105.30	1/2	860.72	1/2	613.97	1/2	367.31	1/2	140.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,100.15	3/4	855.57	3/4	608.84	3/4	362.16	3/4	136.50	3/4		3/4		3/4		3/4		3/4	
6	1,095.00	6	850.43	6	603.72	6	357.01	6	132.23	6		6		6		6		6	
1/4	1,089.85	1/4	845.28	1/4	598.59	1/4	351.87	1/4	127.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,084.71	1/2	840.13	1/2	593.46	1/2	346.72	1/2	123.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,079.56	3/4	834.98	3/4	588.34	3/4	341.57	3/4	119.58	3/4		3/4		3/4		3/4		3/4	
7	1,074.41	7	829.83	7	583.21	7	336.42	7	115.39	7		7		7		7		7	
1/4	1,069.27	1/4	824.68	1/4	578.08	1/4	331.28	1/4	111.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,064.12	1/2	819.54	1/2	572.96	1/2	326.15	1/2	107.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,058.97	3/4	814.39	3/4	567.83	3/4	321.02	3/4	103.00	3/4		3/4		3/4		3/4		3/4	
8	1,053.82	8	809.24	8	562.70	8	315.90	8	98.90	8		8		8		8		8	
1/4	1,048.68	1/4	804.09	1/4	557.57	1/4	310.77	1/4	94.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,043.53	1/2	798.94	1/2	552.45	1/2	305.71	1/2	90.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,038.38	3/4	793.80	3/4	547.32	3/4	300.65	3/4	86.94	3/4		3/4		3/4		3/4		3/4	
9	1,033.24	9	788.65	9	542.19	9	295.59	9	83.01	9		9		9		9		9	
1/4	1,028.09	1/4	783.50	1/4	537.07	1/4	290.53	1/4	79.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,022.99	1/2	778.35	1/2	531.94	1/2	285.55	1/2	75.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,017.90	3/4	773.20	3/4	526.81	3/4	280.58	3/4	71.56	3/4		3/4		3/4		3/4		3/4	
10	1,012.80	10	768.05	10	521.69	10	275.61	10	67.80	10		10		10		10		10	
1/4	1,007.71	1/4	762.91	1/4	516.56	1/4	270.63	1/4	64.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,002.66	1/2	757.76	1/2	511.42	1/2	265.83	1/2	60.36	1/2		1/2		1/2		1/2		1/2	
3/4	997.62	3/4	752.61	3/4	506.28	3/4	261.02	3/4	56.69	3/4		3/4		3/4		3/4		3/4	
11	992.58	11	747.46	11	501.15	11	256.22	11	53.02	11		11		11		11		11	
1/4	987.53	1/4	742.31	1/4	496.01	1/4	251.42	1/4	49.35	1/4		1/4		1/4		1/4		1/4	
1/2	982.49	1/2	737.17	1/2	490.86	1/2	246.78	1/2	45.78	1/2		1/2		1/2		1/2		1/2	
3/4	977.45	3/4	732.02	3/4	485.71	3/4	242.14	3/4	42.21	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/13/2020 JS
CALCULATED: 04/14/2020 CL
PRINTED: 04/15/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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



BARGE "MM 326"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	4,284.64	0	3,993.62	0	3,690.94	0	3,388.25	0	3,084.93	0	2,781.38	0	2,477.84	0	2,174.29	0	1,870.74		
1/4	1/4	4,280.50	1/4	3,987.32	1/4	3,684.63	1/4	3,381.95	1/4	3,078.61	1/4	2,775.06	1/4	2,471.51	1/4	2,167.97	1/4	1,864.42		
1/2	1/2	4,276.37	1/2	3,981.01	1/2	3,678.33	1/2	3,375.64	1/2	3,072.28	1/2	2,768.74	1/2	2,465.19	1/2	2,161.64	1/2	1,858.09		
3/4	3/4	4,271.18	3/4	3,974.70	3/4	3,672.02	3/4	3,369.34	3/4	3,065.96	3/4	2,762.41	3/4	2,458.86	3/4	2,155.32	3/4	1,851.77		
1	1	4,265.99	1	3,968.40	1	3,665.71	1	3,363.03	1	3,059.64	1	2,756.09	1	2,452.54	1	2,148.99	1	1,845.45		
1/4	1/4	4,260.80	1/4	3,962.09	1/4	3,659.41	1/4	3,356.73	1/4	3,053.31	1/4	2,749.76	1/4	2,446.22	1/4	2,142.67	1/4	1,839.12		
1/2	1/2	4,255.61	1/2	3,955.79	1/2	3,653.10	1/2	3,350.42	1/2	3,046.99	1/2	2,743.44	1/2	2,439.89	1/2	2,136.35	1/2	1,832.80		
3/4	3/4	4,249.65	3/4	3,949.48	3/4	3,646.80	3/4	3,344.11	3/4	3,040.66	3/4	2,737.12	3/4	2,433.57	3/4	2,130.02	3/4	1,826.47		
2	2	4,243.69	2	3,943.17	2	3,640.49	2	3,337.81	2	3,034.34	2	2,730.79	2	2,427.25	2	2,123.70	2	1,820.15		
1/4	1/4	4,237.72	1/4	3,936.87	1/4	3,634.18	1/4	3,331.50	1/4	3,028.02	1/4	2,724.47	1/4	2,420.92	1/4	2,117.37	1/4	1,813.83		
1/2	1/2	4,231.76	1/2	3,930.56	1/2	3,627.88	1/2	3,325.20	1/2	3,021.69	1/2	2,718.14	1/2	2,414.60	1/2	2,111.05	1/2	1,807.50		
3/4	3/4	4,225.53	3/4	3,924.26	3/4	3,621.57	3/4	3,318.88	3/4	3,015.37	3/4	2,711.82	3/4	2,408.27	3/4	2,104.73	3/4	1,801.18		
3	3	4,219.31	3	3,917.95	3	3,615.27	3	3,312.57	3	3,009.04	3	2,705.50	3	2,401.95	3	2,098.40	3	1,794.86		
1/4	1/4	4,213.09	1/4	3,911.64	1/4	3,608.96	1/4	3,306.26	1/4	3,002.72	1/4	2,699.17	1/4	2,395.63	1/4	2,092.08	1/4	1,788.53		
1/2	1/2	4,206.86	1/2	3,905.34	1/2	3,602.66	1/2	3,299.94	1/2	2,996.40	1/2	2,692.85	1/2	2,389.30	1/2	2,085.75	1/2	1,782.21		
3/4	3/4	4,200.62	3/4	3,899.03	3/4	3,596.35	3/4	3,293.62	3/4	2,990.07	3/4	2,686.52	3/4	2,382.98	3/4	2,079.43	3/4	1,775.88		
4	4	4,194.39	4	3,892.73	4	3,590.04	4	3,287.30	4	2,983.75	4	2,680.20	4	2,376.65	4	2,073.11	4	1,769.56		
1/4	1/4	4,188.15	1/4	3,886.42	1/4	3,583.74	1/4	3,280.97	1/4	2,977.42	1/4	2,673.88	1/4	2,370.33	1/4	2,066.78	1/4	1,763.24		
1/2	1/2	4,181.91	1/2	3,880.11	1/2	3,577.43	1/2	3,274.65	1/2	2,971.10	1/2	2,667.55	1/2	2,364.01	1/2	2,060.46	1/2	1,756.91		
3/4	3/4	4,175.67	3/4	3,873.81	3/4	3,571.13	3/4	3,268.32	3/4	2,964.78	3/4	2,661.23	3/4	2,357.68	3/4	2,054.13	3/4	1,750.59		
5	5	4,169.43	5	3,867.50	5	3,564.82	5	3,262.00	5	2,958.45	5	2,654.91	5	2,351.36	5	2,047.81	5	1,744.26		
1/4	1/4	4,163.18	1/4	3,861.20	1/4	3,558.51	1/4	3,255.68	1/4	2,952.13	1/4	2,648.58	1/4	2,345.03	1/4	2,041.49	1/4	1,737.94		
1/2	1/2	4,156.94	1/2	3,854.89	1/2	3,552.21	1/2	3,249.35	1/2	2,945.80	1/2	2,642.26	1/2	2,338.71	1/2	2,035.16	1/2	1,731.62		
3/4	3/4	4,150.70	3/4	3,848.59	3/4	3,545.90	3/4	3,243.03	3/4	2,939.48	3/4	2,635.93	3/4	2,332.39	3/4	2,028.84	3/4	1,725.29		
6	6	4,144.45	6	3,842.28	6	3,539.60	6	3,236.70	6	2,933.16	6	2,629.61	6	2,326.06	6	2,022.52	6	1,718.97		
1/4	1/4	4,138.21	1/4	3,835.97	1/4	3,533.29	1/4	3,230.38	1/4	2,926.83	1/4	2,623.29	1/4	2,319.74	1/4	2,016.19	1/4	1,712.64		
1/2	1/2	4,131.97	1/2	3,829.67	1/2	3,526.98	1/2	3,224.06	1/2	2,920.51	1/2	2,616.96	1/2	2,313.41	1/2	2,009.87	1/2	1,706.32		
3/4	3/4	4,125.72	3/4	3,823.36	3/4	3,520.68	3/4	3,217.73	3/4	2,914.19	3/4	2,610.64	3/4	2,307.09	3/4	2,003.54	3/4	1,700.00		
7	7	4,119.48	7	3,817.06	7	3,514.37	7	3,211.41	7	2,907.86	7	2,604.31	7	2,300.77	7	1,997.22	7	1,693.67		
1/4	1/4	4,113.24	1/4	3,810.75	1/4	3,508.07	1/4	3,205.08	1/4	2,901.54	1/4	2,597.99	1/4	2,294.44	1/4	1,990.90	1/4	1,687.35		
1/2	1/2	4,106.99	1/2	3,804.44	1/2	3,501.76	1/2	3,198.76	1/2	2,895.21	1/2	2,591.67	1/2	2,288.12	1/2	1,984.57	1/2	1,681.02		
3/4	3/4	4,100.72	3/4	3,798.14	3/4	3,495.45	3/4	3,192.44	3/4	2,888.89	3/4	2,585.34	3/4	2,281.80	3/4	1,978.25	3/4	1,674.70		
8	8	4,094.45	8	3,791.83	8	3,489.15	8	3,186.11	8	2,882.57	8	2,579.02	8	2,275.47	8	1,971.92	8	1,668.38		
1/4	1/4	4,088.18	1/4	3,785.53	1/4	3,482.84	1/4	3,179.79	1/4	2,876.24	1/4	2,572.69	1/4	2,269.15	1/4	1,965.60	1/4	1,662.05		
1/2	1/2	4,081.90	1/2	3,779.22	1/2	3,476.54	1/2	3,173.47	1/2	2,869.92	1/2	2,566.37	1/2	2,262.82	1/2	1,959.28	1/2	1,655.73		
3/4	3/4	4,075.60	3/4	3,772.91	3/4	3,470.23	3/4	3,167.14	3/4	2,863.59	3/4	2,560.05	3/4	2,256.50	3/4	1,952.95	3/4	1,649.41		
9	9	4,069.29	9	3,766.61	9	3,463.93	9	3,160.82	9	2,857.27	9	2,553.72	9	2,250.18	9	1,946.63	9	1,643.08		
1/4	1/4	4,062.99	1/4	3,760.30	1/4	3,457.62	1/4	3,154.49	1/4	2,850.95	1/4	2,547.40	1/4	2,243.85	1/4	1,940.30	1/4	1,636.76		
1/2	1/2	4,056.68	1/2	3,754.00	1/2	3,451.31	1/2	3,148.17	1/2	2,844.62	1/2	2,541.08	1/2	2,237.53	1/2	1,933.98	1/2	1,630.43		
3/4	3/4	4,050.37	3/4	3,747.69	3/4	3,445.01	3/4	3,141.85	3/4	2,838.30	3/4	2,534.75	3/4	2,231.20	3/4	1,927.66	3/4	1,624.11		
10	10	4,044.07	10	3,741.39	10	3,438.70	10	3,135.52	10	2,831.97	10	2,528.43	10	2,224.88	10	1,921.33	10	1,617.79		
1/4	1/4	4,037.76	1/4	3,735.08	1/4	3,432.40	1/4	3,129.20	1/4	2,825.65	1/4	2,522.10	1/4	2,218.56	1/4	1,915.01	1/4	1,611.46		
1/2	1/2	4,031.46	1/2	3,728.77	1/2	3,426.09	1/2	3,122.87	1/2	2,819.33	1/2	2,515.78	1/2	2,212.23	1/2	1,908.69	1/2	1,605.14		
3/4	3/4	4,025.15	3/4	3,722.47	3/4	3,419.78	3/4	3,116.55	3/4	2,813.00	3/4	2,509.46	3/4	2,205.91	3/4	1,902.36	3/4	1,598.81		
11	11	4,018.84	11	3,716.16	11	3,413.48	11	3,110.23	11	2,806.68	11	2,503.13	11	2,199.58	11	1,896.04	11	1,592.49		
1/4	1/4	4,012.54	1/4	3,709.86	1/4	3,407.17	1/4	3,103.90	1/4	2,800.36	1/4	2,496.81	1/4	2,193.26	1/4	1,889.71	1/4	1,586.17		
1/2	1/2	4,292.91	1/2	4,006.23	1/2	3,703.55	1/2	3,400.87	1/2	3,097.58	1/2	2,794.03	1/2	2,490.48	1/2	2,186.94	1/2	1,883.39	1/2	1,579.84
3/4	3/4	4,288.77	3/4	3,999.93	3/4	3,697.24	3/4	3,394.56	3/4	3,091.25	3/4	2,787.71	3/4	2,484.16	3/4	2,180.61	3/4	1,877.07	3/4	1,573.52

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 ONLY APPLIES TO ULLAGE GAUGES

GAUGE POINT: (MMC - TOP OF THREADS) LOCATED 12'-08" OFF CENTERLINE AND 36'-03" FORWARD OF AFT BULKHEAD

GAUGE POINT: (8" HATCH) LOCATED 12'-08" OFF CENTERLINE AND 37'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MM 326"

2 PORT ULLAGE 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	1,567.19	0	1,264.78	0	964.60	0	674.05	0	371.26	0	74.12	0		0		0		0	
1/4	1,560.87	1/4	1,258.60	1/4	958.55	1/4	667.72	1/4	365.14	1/4	68.02	1/4		1/4		1/4		1/4	
1/2	1,554.55	1/2	1,252.42	1/2	952.50	1/2	661.40	1/2	359.01	1/2	61.91	1/2		1/2		1/2		1/2	
3/4	1,548.22	3/4	1,246.24	3/4	946.46	3/4	655.07	3/4	352.88	3/4	56.20	3/4		3/4		3/4		3/4	
1	1,541.90	1	1,240.06	1	940.42	1	648.75	1	346.76	1	50.49	1		1		1		1	
1/4	1,535.58	1/4	1,233.88	1/4	934.39	1/4	642.42	1/4	340.63	1/4	44.77	1/4		1/4		1/4		1/4	
1/2	1,529.25	1/2	1,227.69	1/2	928.35	1/2	636.10	1/2	334.51	1/2	39.06	1/2		1/2		1/2		1/2	
3/4	1,522.93	3/4	1,221.51	3/4	922.32	3/4	629.78	3/4	328.38	3/4	34.51	3/4		3/4		3/4		3/4	
2	1,516.60	2	1,215.33	2	916.29	2	623.45	2	322.26	2	29.97	2		2		2		2	
1/4	1,510.28	1/4	1,209.15	1/4	910.25	1/4	617.13	1/4	316.13	1/4	25.43	1/4		1/4		1/4		1/4	
1/2	1,503.96	1/2	1,202.97	1/2	904.22	1/2	610.80	1/2	310.00	1/2	20.88	1/2		1/2		1/2		1/2	
3/4	1,497.63	3/4	1,196.79	3/4	898.20	3/4	604.48	3/4	303.88	3/4		3/4		3/4		3/4		3/4	
3	1,491.31	3	1,190.60	3	892.17	3	598.15	3	297.75	3		3		3		3		3	
1/4	1,484.98	1/4	1,184.42	1/4	886.14	1/4	591.83	1/4	291.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,478.66	1/2	1,178.24	1/2	880.11	1/2	585.50	1/2	285.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,472.34	3/4	1,171.99	3/4	874.08	3/4	579.18	3/4	279.37	3/4		3/4		3/4		3/4		3/4	
4	1,466.01	4	1,165.73	4	868.06	4	572.85	4	273.25	4		4		4		4		4	
1/4	1,459.69	1/4	1,159.48	1/4	862.03	1/4	566.53	1/4	267.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,453.36	1/2	1,153.23	1/2	856.01	1/2	560.20	1/2	261.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,447.04	3/4	1,146.90	3/4	849.98	3/4	553.88	3/4	254.77	3/4		3/4		3/4		3/4		3/4	
5	1,440.72	5	1,140.58	5	843.96	5	547.56	5	248.55	5		5		5		5		5	
1/4	1,434.39	1/4	1,134.25	1/4	837.93	1/4	541.23	1/4	242.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,428.07	1/2	1,127.93	1/2	831.91	1/2	534.91	1/2	236.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,421.74	3/4	1,121.60	3/4	825.88	3/4	528.58	3/4	229.77	3/4		3/4		3/4		3/4		3/4	
6	1,415.42	6	1,115.28	6	819.86	6	522.26	6	223.45	6		6		6		6		6	
1/4	1,409.10	1/4	1,108.95	1/4	813.83	1/4	515.93	1/4	217.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,402.77	1/2	1,102.63	1/2	807.80	1/2	509.61	1/2	210.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,396.45	3/4	1,096.30	3/4	801.78	3/4	503.28	3/4	204.47	3/4		3/4		3/4		3/4		3/4	
7	1,390.13	7	1,089.98	7	795.75	7	496.96	7	198.15	7		7		7		7		7	
1/4	1,383.80	1/4	1,083.65	1/4	789.73	1/4	490.63	1/4	191.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,377.48	1/2	1,077.33	1/2	783.70	1/2	484.31	1/2	185.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,371.15	3/4	1,071.01	3/4	777.68	3/4	477.98	3/4	179.18	3/4		3/4		3/4		3/4		3/4	
8	1,364.83	8	1,064.68	8	771.65	8	471.66	8	172.85	8		8		8		8		8	
1/4	1,358.51	1/4	1,058.36	1/4	765.63	1/4	465.34	1/4	166.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,352.18	1/2	1,052.03	1/2	759.60	1/2	459.01	1/2	160.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,345.86	3/4	1,045.71	3/4	753.57	3/4	452.69	3/4	153.98	3/4		3/4		3/4		3/4		3/4	
9	1,339.53	9	1,039.38	9	747.55	9	446.36	9	147.75	9		9		9		9		9	
1/4	1,333.21	1/4	1,033.06	1/4	741.52	1/4	440.04	1/4	141.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,326.89	1/2	1,026.73	1/2	735.50	1/2	433.71	1/2	135.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,320.63	3/4	1,020.41	3/4	729.47	3/4	427.39	3/4	129.18	3/4		3/4		3/4		3/4		3/4	
10	1,314.38	10	1,014.08	10	723.45	10	421.06	10	123.06	10		10		10		10		10	
1/4	1,308.13	1/4	1,007.76	1/4	717.42	1/4	414.74	1/4	116.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,301.87	1/2	1,001.43	1/2	711.40	1/2	408.41	1/2	110.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,295.69	3/4	995.25	3/4	705.22	3/4	402.19	3/4	104.69	3/4		3/4		3/4		3/4		3/4	
11	1,289.51	11	989.06	11	699.05	11	395.96	11	98.57	11		11		11		11		11	
1/4	1,283.33	1/4	982.88	1/4	692.87	1/4	389.74	1/4	92.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,277.15	1/2	976.69	1/2	686.70	1/2	383.51	1/2	86.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,270.97	3/4	970.64	3/4	680.37	3/4	377.39	3/4	80.23	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/13/2020 JS
CALCULATED: 04/14/2020 CL
PRINTED: 04/15/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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



BARGE "MM 326"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	4,297.93	0	4,006.90	0	3,704.23	0	3,401.55	0	3,098.21	0	2,794.66	0	2,491.12	0	2,187.58	0	1,884.04		
1/4	1/4	4,293.80	1/4	4,000.60	1/4	3,697.92	1/4	3,395.25	1/4	3,091.88	1/4	2,788.34	1/4	2,484.80	1/4	2,181.25	1/4	1,877.71		
1/2	1/2	4,289.66	1/2	3,994.29	1/2	3,691.62	1/2	3,388.94	1/2	3,085.56	1/2	2,782.02	1/2	2,478.47	1/2	2,174.93	1/2	1,871.39		
3/4	3/4	4,284.47	3/4	3,987.98	3/4	3,685.31	3/4	3,382.64	3/4	3,079.23	3/4	2,775.69	3/4	2,472.15	3/4	2,168.61	3/4	1,865.06		
1	1	4,279.28	1	3,981.68	1	3,679.01	1	3,376.33	1	3,072.91	1	2,769.37	1	2,465.83	1	2,162.28	1	1,858.74		
1/4	1/4	4,274.09	1/4	3,975.37	1/4	3,672.70	1/4	3,370.03	1/4	3,066.59	1/4	2,763.04	1/4	2,459.50	1/4	2,155.96	1/4	1,852.42		
1/2	1/2	4,268.91	1/2	3,969.07	1/2	3,666.39	1/2	3,363.72	1/2	3,060.26	1/2	2,756.72	1/2	2,453.18	1/2	2,149.64	1/2	1,846.09		
3/4	3/4	4,262.94	3/4	3,962.76	3/4	3,660.09	3/4	3,357.41	3/4	3,053.94	3/4	2,750.40	3/4	2,446.85	3/4	2,143.31	3/4	1,839.77		
2	2	4,256.98	2	3,956.46	2	3,653.78	2	3,351.11	2	3,047.62	2	2,744.07	2	2,440.53	2	2,136.99	2	1,833.45		
1/4	1/4	4,251.01	1/4	3,950.15	1/4	3,647.48	1/4	3,344.80	1/4	3,041.29	1/4	2,737.75	1/4	2,434.21	1/4	2,130.66	1/4	1,827.12		
1/2	1/2	4,245.05	1/2	3,943.84	1/2	3,641.17	1/2	3,338.50	1/2	3,034.97	1/2	2,731.43	1/2	2,427.88	1/2	2,124.34	1/2	1,820.80		
3/4	3/4	4,238.83	3/4	3,937.54	3/4	3,634.87	3/4	3,332.18	3/4	3,028.64	3/4	2,725.10	3/4	2,421.56	3/4	2,118.02	3/4	1,814.47		
3	3	4,232.60	3	3,931.23	3	3,628.56	3	3,325.86	3	3,022.32	3	2,718.78	3	2,415.24	3	2,111.69	3	1,808.15		
1/4	1/4	4,226.38	1/4	3,924.93	1/4	3,622.25	1/4	3,319.54	1/4	3,016.00	1/4	2,712.45	1/4	2,408.91	1/4	2,105.37	1/4	1,801.83		
1/2	1/2	4,220.16	1/2	3,918.62	1/2	3,615.95	1/2	3,313.21	1/2	3,009.67	1/2	2,706.13	1/2	2,402.59	1/2	2,099.05	1/2	1,795.50		
3/4	3/4	4,213.92	3/4	3,912.32	3/4	3,609.64	3/4	3,306.89	3/4	3,003.35	3/4	2,699.81	3/4	2,396.26	3/4	2,092.72	3/4	1,789.18		
4	4	4,207.68	4	3,906.01	4	3,603.34	4	3,300.57	4	2,997.02	4	2,693.48	4	2,389.94	4	2,086.40	4	1,782.86		
1/4	1/4	4,201.44	1/4	3,899.70	1/4	3,597.03	1/4	3,294.24	1/4	2,990.70	1/4	2,687.16	1/4	2,383.62	1/4	2,080.07	1/4	1,776.53		
1/2	1/2	4,195.20	1/2	3,893.40	1/2	3,590.73	1/2	3,287.92	1/2	2,984.38	1/2	2,680.83	1/2	2,377.29	1/2	2,073.75	1/2	1,770.21		
3/4	3/4	4,188.96	3/4	3,887.09	3/4	3,584.42	3/4	3,281.60	3/4	2,978.05	3/4	2,674.51	3/4	2,370.97	3/4	2,067.43	3/4	1,763.88		
5	5	4,182.72	5	3,880.79	5	3,578.11	5	3,275.27	5	2,971.73	5	2,668.19	5	2,364.64	5	2,061.10	5	1,757.56		
1/4	1/4	4,176.48	1/4	3,874.48	1/4	3,571.81	1/4	3,268.95	1/4	2,965.41	1/4	2,661.86	1/4	2,358.32	1/4	2,054.78	1/4	1,751.24		
1/2	1/2	4,170.23	1/2	3,868.18	1/2	3,565.50	1/2	3,262.62	1/2	2,959.08	1/2	2,655.54	1/2	2,352.00	1/2	2,048.45	1/2	1,744.91		
3/4	3/4	4,163.99	3/4	3,861.87	3/4	3,559.20	3/4	3,256.30	3/4	2,952.76	3/4	2,649.22	3/4	2,345.67	3/4	2,042.13	3/4	1,738.59		
6	6	4,157.75	6	3,855.56	6	3,552.89	6	3,249.98	6	2,946.43	6	2,642.89	6	2,339.35	6	2,035.81	6	1,732.26		
1/4	1/4	4,151.50	1/4	3,849.26	1/4	3,546.59	1/4	3,243.65	1/4	2,940.11	1/4	2,636.57	1/4	2,333.03	1/4	2,029.48	1/4	1,725.94		
1/2	1/2	4,145.26	1/2	3,842.95	1/2	3,540.28	1/2	3,237.33	1/2	2,933.79	1/2	2,630.24	1/2	2,326.70	1/2	2,023.16	1/2	1,719.62		
3/4	3/4	4,139.02	3/4	3,836.65	3/4	3,533.97	3/4	3,231.01	3/4	2,927.46	3/4	2,623.92	3/4	2,320.38	3/4	2,016.84	3/4	1,713.29		
7	7	4,132.77	7	3,830.34	7	3,527.67	7	3,224.68	7	2,921.14	7	2,617.60	7	2,314.05	7	2,010.51	7	1,706.97		
1/4	1/4	4,126.53	1/4	3,824.04	1/4	3,521.36	1/4	3,218.36	1/4	2,914.82	1/4	2,611.27	1/4	2,307.73	1/4	2,004.19	1/4	1,700.65		
1/2	1/2	4,120.29	1/2	3,817.73	1/2	3,515.06	1/2	3,212.03	1/2	2,908.49	1/2	2,604.95	1/2	2,301.41	1/2	1,997.86	1/2	1,694.32		
3/4	3/4	4,114.01	3/4	3,811.42	3/4	3,508.75	3/4	3,205.71	3/4	2,902.17	3/4	2,598.63	3/4	2,295.08	3/4	1,991.54	3/4	1,688.00		
8	8	4,107.73	8	3,805.12	8	3,502.45	8	3,199.39	8	2,895.84	8	2,592.30	8	2,288.76	8	1,985.22	8	1,681.67		
1/4	1/4	4,101.46	1/4	3,798.81	1/4	3,496.14	1/4	3,193.06	1/4	2,889.52	1/4	2,585.98	1/4	2,282.44	1/4	1,978.89	1/4	1,675.35		
1/2	1/2	4,095.18	1/2	3,792.51	1/2	3,489.83	1/2	3,186.74	1/2	2,883.20	1/2	2,579.65	1/2	2,276.11	1/2	1,972.57	1/2	1,669.03		
3/4	3/4	4,088.88	3/4	3,786.20	3/4	3,483.53	3/4	3,180.42	3/4	2,876.87	3/4	2,573.33	3/4	2,269.79	3/4	1,966.25	3/4	1,662.70		
9	9	4,082.57	9	3,779.90	9	3,477.22	9	3,174.09	9	2,870.55	9	2,567.01	9	2,263.46	9	1,959.92	9	1,656.38		
1/4	1/4	4,076.26	1/4	3,773.59	1/4	3,470.92	1/4	3,167.77	1/4	2,864.23	1/4	2,560.68	1/4	2,257.14	1/4	1,953.60	1/4	1,650.06		
1/2	1/2	4,069.96	1/2	3,767.28	1/2	3,464.61	1/2	3,161.44	1/2	2,857.90	1/2	2,554.36	1/2	2,250.82	1/2	1,947.27	1/2	1,643.73		
3/4	3/4	4,063.65	3/4	3,760.98	3/4	3,458.31	3/4	3,155.12	3/4	2,851.58	3/4	2,548.04	3/4	2,244.49	3/4	1,940.95	3/4	1,637.41		
10	10	4,057.35	10	3,754.67	10	3,452.00	10	3,148.80	10	2,845.25	10	2,541.71	10	2,238.17	10	1,934.63	10	1,631.08		
1/4	1/4	4,051.04	1/4	3,748.37	1/4	3,445.69	1/4	3,142.47	1/4	2,838.93	1/4	2,535.39	1/4	2,231.84	1/4	1,928.30	1/4	1,624.76		
1/2	1/2	4,044.74	1/2	3,742.06	1/2	3,439.39	1/2	3,136.15	1/2	2,832.61	1/2	2,529.06	1/2	2,225.52	1/2	1,921.98	1/2	1,618.44		
3/4	3/4	4,038.43	3/4	3,735.76	3/4	3,433.08	3/4	3,129.82	3/4	2,826.28	3/4	2,522.74	3/4	2,219.20	3/4	1,915.65	3/4	1,612.11		
11	11	4,032.12	11	3,729.45	11	3,426.78	11	3,123.50	11	2,819.96	11	2,516.42	11	2,212.87	11	1,909.33	11	1,605.79		
1/4	1/4	4,025.82	1/4	3,723.14	1/4	3,420.47	1/4	3,117.18	1/4	2,813.63	1/4	2,510.09	1/4	2,206.55	1/4	1,903.01	1/4	1,599.47		
1/2	1/2	4,306.20	1/2	4,019.51	1/2	3,716.84	1/2	3,414.17	1/2	3,110.85	1/2	2,807.31	1/2	2,503.77	1/2	2,200.23	1/2	1,896.68	1/2	1,593.14
3/4	3/4	4,302.07	3/4	4,013.21	3/4	3,710.53	3/4	3,407.86	3/4	3,104.53	3/4	2,800.99	3/4	2,497.44	3/4	2,193.90	3/4	1,890.36	3/4	1,586.82

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 ONLY APPLIES TO ULLAGE GAUGES

GAUGE POINT: (MMC - TOP OF THREADS) LOCATED 12'-08" OFF CENTERLINE AND 36'-03" FORWARD OF AFT BULKHEAD

GAUGE POINT: (8" HATCH) LOCATED 12'-08" OFF CENTERLINE AND 37'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MM 326"

2 STBD ULLAGE 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	1,580.49	0	1,278.09	0	976.80	0	674.02	0	371.23	0	74.12	0		0		0		0	
1/4	1,574.17	1/4	1,271.91	1/4	970.47	1/4	667.69	1/4	365.11	1/4	68.01	1/4		1/4		1/4		1/4	
1/2	1,567.85	1/2	1,265.73	1/2	964.15	1/2	661.37	1/2	358.98	1/2	61.91	1/2		1/2		1/2		1/2	
3/4	1,561.52	3/4	1,259.55	3/4	957.83	3/4	655.04	3/4	352.86	3/4	56.20	3/4		3/4		3/4		3/4	
1	1,555.20	1	1,253.37	1	951.51	1	648.72	1	346.73	1	50.48	1		1		1		1	
1/4	1,548.87	1/4	1,247.18	1/4	945.20	1/4	642.39	1/4	340.61	1/4	44.77	1/4		1/4		1/4		1/4	
1/2	1,542.55	1/2	1,241.00	1/2	938.88	1/2	636.07	1/2	334.48	1/2	39.06	1/2		1/2		1/2		1/2	
3/4	1,536.23	3/4	1,234.82	3/4	932.57	3/4	629.74	3/4	328.36	3/4	34.51	3/4		3/4		3/4		3/4	
2	1,529.90	2	1,228.64	2	926.26	2	623.42	2	322.23	2	29.97	2		2		2		2	
1/4	1,523.58	1/4	1,222.46	1/4	919.95	1/4	617.10	1/4	316.11	1/4	25.43	1/4		1/4		1/4		1/4	
1/2	1,517.26	1/2	1,216.28	1/2	913.64	1/2	610.77	1/2	309.98	1/2	20.88	1/2		1/2		1/2		1/2	
3/4	1,510.93	3/4	1,210.10	3/4	907.34	3/4	604.45	3/4	303.86	3/4		3/4		3/4		3/4		3/4	
3	1,504.61	3	1,203.92	3	901.03	3	598.12	3	297.73	3		3		3		3		3	
1/4	1,498.28	1/4	1,197.73	1/4	894.73	1/4	591.80	1/4	291.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,491.96	1/2	1,191.55	1/2	888.42	1/2	585.47	1/2	285.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,485.64	3/4	1,185.30	3/4	882.12	3/4	579.15	3/4	279.36	3/4		3/4		3/4		3/4		3/4	
4	1,479.31	4	1,179.05	4	875.81	4	572.82	4	273.23	4		4		4		4		4	
1/4	1,472.99	1/4	1,172.79	1/4	869.51	1/4	566.50	1/4	267.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,466.67	1/2	1,166.54	1/2	863.20	1/2	560.17	1/2	260.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,460.34	3/4	1,160.22	3/4	856.90	3/4	553.85	3/4	254.76	3/4		3/4		3/4		3/4		3/4	
5	1,454.02	5	1,153.89	5	850.60	5	547.52	5	248.53	5		5		5		5		5	
1/4	1,447.69	1/4	1,147.57	1/4	844.29	1/4	541.20	1/4	242.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,441.37	1/2	1,141.24	1/2	837.99	1/2	534.88	1/2	236.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,435.05	3/4	1,134.92	3/4	831.69	3/4	528.55	3/4	229.76	3/4		3/4		3/4		3/4		3/4	
6	1,428.72	6	1,128.59	6	825.38	6	522.23	6	223.43	6		6		6		6		6	
1/4	1,422.40	1/4	1,122.27	1/4	819.08	1/4	515.90	1/4	217.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,416.07	1/2	1,115.94	1/2	812.78	1/2	509.58	1/2	210.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,409.75	3/4	1,109.62	3/4	806.47	3/4	503.25	3/4	204.46	3/4		3/4		3/4		3/4		3/4	
7	1,403.43	7	1,103.29	7	800.17	7	496.93	7	198.13	7		7		7		7		7	
1/4	1,397.10	1/4	1,096.97	1/4	793.87	1/4	490.60	1/4	191.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,390.78	1/2	1,090.64	1/2	787.56	1/2	484.28	1/2	185.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,384.46	3/4	1,084.32	3/4	781.26	3/4	477.95	3/4	179.16	3/4		3/4		3/4		3/4		3/4	
8	1,378.13	8	1,077.99	8	774.96	8	471.63	8	172.84	8		8		8		8		8	
1/4	1,371.81	1/4	1,071.67	1/4	768.65	1/4	465.30	1/4	166.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,365.48	1/2	1,065.34	1/2	762.35	1/2	458.98	1/2	160.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,359.16	3/4	1,059.02	3/4	756.05	3/4	452.66	3/4	153.96	3/4		3/4		3/4		3/4		3/4	
9	1,352.84	9	1,052.69	9	749.74	9	446.33	9	147.74	9		9		9		9		9	
1/4	1,346.51	1/4	1,046.37	1/4	743.44	1/4	440.01	1/4	141.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,340.19	1/2	1,040.05	1/2	737.13	1/2	433.68	1/2	135.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,333.94	3/4	1,033.72	3/4	730.83	3/4	427.36	3/4	129.17	3/4		3/4		3/4		3/4		3/4	
10	1,327.68	10	1,027.40	10	724.53	10	421.03	10	123.04	10		10		10		10		10	
1/4	1,321.43	1/4	1,021.07	1/4	718.22	1/4	414.71	1/4	116.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,315.18	1/2	1,014.75	1/2	711.92	1/2	408.38	1/2	110.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,309.00	3/4	1,008.42	3/4	705.61	3/4	402.16	3/4	104.68	3/4		3/4		3/4		3/4		3/4	
11	1,302.82	11	1,002.10	11	699.29	11	395.93	11	98.56	11		11		11		11		11	
1/4	1,296.63	1/4	995.77	1/4	692.98	1/4	389.71	1/4	92.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,290.45	1/2	989.45	1/2	686.67	1/2	383.48	1/2	86.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,284.27	3/4	983.12	3/4	680.34	3/4	377.36	3/4	80.22	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/13/2020 JS
CALCULATED: 04/14/2020 CL
PRINTED: 04/15/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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



BARGE "MM 326"

3 PORT ULLAGE 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	0	4,280.43	0	3,987.22	0	3,684.55	0	3,381.88	0	3,078.51	0	2,774.97	0	2,471.42	0	2,167.88	0	1,864.34	
1/4	1/4	4,276.30	1/4	3,980.92	1/4	3,678.24	1/4	3,375.57	1/4	3,075.19	1/4	2,768.64	1/4	2,465.10	1/4	2,161.56	1/4	1,858.02	
1/2	1/2	4,271.11	1/2	3,974.61	1/2	3,671.94	1/2	3,369.26	1/2	3,065.86	1/2	2,762.32	1/2	2,458.78	1/2	2,155.23	1/2	1,851.69	
3/4	3/4	4,265.92	3/4	3,968.31	3/4	3,665.63	3/4	3,362.96	3/4	3,059.54	3/4	2,756.00	3/4	2,452.45	3/4	2,148.91	3/4	1,845.37	
1	1	4,260.73	1	3,962.00	1	3,659.33	1	3,356.65	1	3,053.21	1	2,749.67	1	2,446.13	1	2,142.59	1	1,839.04	
1/4	1/4	4,255.55	1/4	3,955.69	1/4	3,653.02	1/4	3,350.35	1/4	3,046.89	1/4	2,743.35	1/4	2,439.81	1/4	2,136.26	1/4	1,832.72	
1/2	1/2	4,249.58	1/2	3,949.39	1/2	3,646.72	1/2	3,344.04	1/2	3,040.57	1/2	2,737.02	1/2	2,433.48	1/2	2,129.94	1/2	1,826.40	
3/4	3/4	4,243.62	3/4	3,943.08	3/4	3,640.41	3/4	3,337.74	3/4	3,034.24	3/4	2,730.70	3/4	2,427.16	3/4	2,123.62	3/4	1,820.07	
2	2	4,237.65	2	3,936.78	2	3,634.10	2	3,331.43	2	3,027.92	2	2,724.38	2	2,420.83	2	2,117.29	2	1,813.75	
1/4	1/4	4,231.69	1/4	3,930.47	1/4	3,627.80	1/4	3,325.12	1/4	3,021.60	1/4	2,718.05	1/4	2,414.51	1/4	2,110.97	1/4	1,807.43	
1/2	1/2	4,225.47	1/2	3,924.17	1/2	3,621.49	1/2	3,318.80	1/2	3,015.27	1/2	2,711.73	1/2	2,408.19	1/2	2,104.64	1/2	1,801.10	
3/4	3/4	4,219.24	3/4	3,917.86	3/4	3,615.19	3/4	3,312.48	3/4	3,008.95	3/4	2,705.41	3/4	2,401.86	3/4	2,098.32	3/4	1,794.78	
3	3	4,213.02	3	3,911.55	3	3,608.88	3	3,306.16	3	3,002.62	3	2,699.08	3	2,395.54	3	2,092.00	3	1,788.45	
1/4	1/4	4,206.79	1/4	3,905.25	1/4	3,602.58	1/4	3,299.84	1/4	2,996.30	1/4	2,692.76	1/4	2,389.22	1/4	2,085.67	1/4	1,782.13	
1/2	1/2	4,200.55	1/2	3,898.94	1/2	3,596.27	1/2	3,293.52	1/2	2,989.98	1/2	2,686.43	1/2	2,382.89	1/2	2,079.35	1/2	1,775.81	
3/4	3/4	4,194.32	3/4	3,892.64	3/4	3,589.96	3/4	3,287.19	3/4	2,983.65	3/4	2,680.11	3/4	2,376.57	3/4	2,073.03	3/4	1,769.48	
4	4	4,188.08	4	3,886.33	4	3,583.66	4	3,280.87	4	2,977.33	4	2,673.79	4	2,370.24	4	2,066.70	4	1,763.16	
1/4	1/4	4,181.84	1/4	3,880.03	1/4	3,577.35	1/4	3,274.55	1/4	2,971.00	1/4	2,667.46	1/4	2,363.92	1/4	2,060.38	1/4	1,756.84	
1/2	1/2	4,175.59	1/2	3,873.72	1/2	3,571.05	1/2	3,268.22	1/2	2,964.68	1/2	2,661.14	1/2	2,357.60	1/2	2,054.05	1/2	1,750.51	
3/4	3/4	4,169.35	3/4	3,867.42	3/4	3,564.74	3/4	3,261.90	3/4	2,958.36	3/4	2,654.81	3/4	2,351.27	3/4	2,047.73	3/4	1,744.19	
5	5	4,163.11	5	3,861.11	5	3,558.44	5	3,255.58	5	2,952.03	5	2,648.49	5	2,344.95	5	2,041.41	5	1,737.86	
1/4	1/4	4,156.86	1/4	3,854.80	1/4	3,552.13	1/4	3,249.25	1/4	2,945.71	1/4	2,642.17	1/4	2,338.62	1/4	2,035.08	1/4	1,731.54	
1/2	1/2	4,150.62	1/2	3,848.50	1/2	3,545.82	1/2	3,242.93	1/2	2,939.39	1/2	2,635.84	1/2	2,332.30	1/2	2,028.76	1/2	1,725.22	
3/4	3/4	4,144.38	3/4	3,842.19	3/4	3,539.52	3/4	3,236.60	3/4	2,933.06	3/4	2,629.52	3/4	2,325.98	3/4	2,022.43	3/4	1,718.89	
6	6	4,138.13	6	3,835.89	6	3,533.21	6	3,230.28	6	2,926.74	6	2,623.20	6	2,319.65	6	2,016.11	6	1,712.57	
1/4	1/4	4,131.89	1/4	3,829.58	1/4	3,526.91	1/4	3,223.96	1/4	2,920.41	1/4	2,616.87	1/4	2,313.33	1/4	2,009.79	1/4	1,706.24	
1/2	1/2	4,125.65	1/2	3,823.28	1/2	3,520.60	1/2	3,217.63	1/2	2,914.09	1/2	2,610.55	1/2	2,307.01	1/2	2,003.46	1/2	1,699.92	
3/4	3/4	4,119.40	3/4	3,816.97	3/4	3,514.30	3/4	3,211.31	3/4	2,907.77	3/4	2,604.22	3/4	2,300.68	3/4	1,997.14	3/4	1,693.60	
7	7	4,113.16	7	3,810.66	7	3,507.99	7	3,204.99	7	2,901.44	7	2,597.90	7	2,294.36	7	1,990.82	7	1,687.27	
1/4	1/4	4,106.92	1/4	3,804.36	1/4	3,501.68	1/4	3,198.66	1/4	2,895.12	1/4	2,591.58	1/4	2,288.03	1/4	1,984.49	1/4	1,680.95	
1/2	1/2	4,100.64	1/2	3,798.05	1/2	3,495.38	1/2	3,192.34	1/2	2,888.80	1/2	2,585.25	1/2	2,281.71	1/2	1,978.17	1/2	1,674.63	
3/4	3/4	4,094.36	3/4	3,791.75	3/4	3,489.07	3/4	3,186.01	3/4	2,882.47	3/4	2,578.93	3/4	2,275.39	3/4	1,971.84	3/4	1,668.30	
8	8	4,088.09	8	3,785.44	8	3,482.77	8	3,179.69	8	2,876.15	8	2,572.61	8	2,269.06	8	1,965.52	8	1,661.98	
1/4	1/4	4,081.81	1/4	3,779.14	1/4	3,476.46	1/4	3,173.37	1/4	2,869.82	1/4	2,566.28	1/4	2,262.74	1/4	1,959.20	1/4	1,655.65	
1/2	1/2	4,075.50	1/2	3,772.83	1/2	3,470.16	1/2	3,167.04	1/2	2,863.50	1/2	2,559.96	1/2	2,256.42	1/2	1,952.87	1/2	1,649.33	
3/4	3/4	4,069.20	3/4	3,766.52	3/4	3,463.85	3/4	3,160.72	3/4	2,857.18	3/4	2,553.63	3/4	2,250.09	3/4	1,946.55	3/4	1,643.01	
9	9	4,062.89	9	3,760.22	9	3,457.54	9	3,154.40	9	2,850.85	9	2,547.31	9	2,243.77	9	1,940.23	9	1,636.68	
1/4	1/4	4,056.59	1/4	3,753.91	1/4	3,451.24	1/4	3,148.07	1/4	2,844.53	1/4	2,540.99	1/4	2,237.44	1/4	1,933.90	1/4	1,630.36	
1/2	1/2	4,050.28	1/2	3,747.61	1/2	3,444.93	1/2	3,141.75	1/2	2,838.21	1/2	2,534.66	1/2	2,231.12	1/2	1,927.58	1/2	1,624.04	
3/4	3/4	4,043.97	3/4	3,741.30	3/4	3,438.63	3/4	3,135.42	3/4	2,831.88	3/4	2,528.34	3/4	2,224.80	3/4	1,921.25	3/4	1,617.71	
10	10	4,037.67	10	3,735.00	10	3,432.32	10	3,129.10	10	2,825.56	10	2,522.02	10	2,218.47	10	1,914.93	10	1,611.39	
1/4	1/4	4,031.36	1/4	3,728.69	1/4	3,426.02	1/4	3,122.78	1/4	2,819.23	1/4	2,515.69	1/4	2,212.15	1/4	1,908.61	1/4	1,605.06	
1/2	1/2	4,025.06	1/2	3,722.38	1/2	3,419.71	1/2	3,116.45	1/2	2,812.91	1/2	2,509.37	1/2	2,205.82	1/2	1,902.28	1/2	1,598.74	
3/4	3/4	4,018.75	3/4	3,716.08	3/4	3,413.40	3/4	3,110.13	3/4	2,806.59	3/4	2,503.04	3/4	2,199.50	3/4	1,895.96	3/4	1,592.42	
11	11	4,012.45	11	3,709.77	11	3,407.10	11	3,103.80	11	2,800.26	11	2,496.72	11	2,193.18	11	1,889.63	11	1,586.09	
1/4	4,292.84	1/4	4,006.14	1/4	3,703.47	1/4	3,400.79	1/4	3,097.48	1/4	2,793.94	1/4	2,490.40	1/4	2,186.85	1/4	1,883.31	1/4	1,579.77
1/2	4,288.70	1/2	3,999.83	1/2	3,697.16	1/2	3,394.49	1/2	3,091.16	1/2	2,787.61	1/2	2,484.07	1/2	2,180.53	1/2	1,876.99	1/2	1,573.44
3/4	4,284.57	3/4	3,993.53	3/4	3,690.86	3/4	3,388.18	3/4	3,084.83	3/4	2,781.29	3/4	2,477.75	3/4	2,174.21	3/4	1,870.66	3/4	1,567.12

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 ONLY APPLIES TO ULLAGE GAUGES

GAUGE POINT: (MMC - TOP OF THREADS) LOCATED 12'-08" OFF CENTERLINE AND 36'-03" FORWARD OF AFT BULKHEAD

GAUGE POINT: (8" HATCH) LOCATED 12'-08" OFF CENTERLINE AND 34'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MM 326"

3 PORT ULLAGE 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	1,560.80	0	1,258.54	0	958.49	0	667.70	0	365.12	0	68.02	0		0		0		0	
1/4	1,554.47	1/4	1,252.36	1/4	952.45	1/4	661.38	1/4	358.99	1/4	61.92	1/4		1/4		1/4		1/4	
1/2	1,548.15	1/2	1,246.17	1/2	946.41	1/2	655.05	1/2	352.87	1/2	56.20	1/2		1/2		1/2		1/2	
3/4	1,541.83	3/4	1,239.99	3/4	940.37	3/4	648.73	3/4	346.74	3/4	50.49	3/4		3/4		3/4		3/4	
1	1,535.50	1	1,233.81	1	934.33	1	642.40	1	340.62	1	44.78	1		1		1		1	
1/4	1,529.18	1/4	1,227.63	1/4	928.29	1/4	636.08	1/4	334.49	1/4	39.06	1/4		1/4		1/4		1/4	
1/2	1,522.85	1/2	1,221.45	1/2	922.26	1/2	629.76	1/2	328.37	1/2	34.52	1/2		1/2		1/2		1/2	
3/4	1,516.53	3/4	1,215.27	3/4	916.23	3/4	623.43	3/4	322.24	3/4	29.98	3/4		3/4		3/4		3/4	
2	1,510.21	2	1,209.09	2	910.21	2	617.11	2	316.12	2	25.43	2		2		2		2	
1/4	1,503.88	1/4	1,202.91	1/4	904.18	1/4	610.78	1/4	309.99	1/4	20.88	1/4		1/4		1/4		1/4	
1/2	1,497.56	1/2	1,196.72	1/2	898.15	1/2	604.46	1/2	303.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,491.24	3/4	1,190.54	3/4	892.12	3/4	598.13	3/4	297.74	3/4		3/4		3/4		3/4		3/4	
3	1,484.91	3	1,184.36	3	886.09	3	591.81	3	291.62	3		3		3		3		3	
1/4	1,478.59	1/4	1,178.18	1/4	880.07	1/4	585.48	1/4	285.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,472.26	1/2	1,171.93	1/2	874.04	1/2	579.16	1/2	279.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,465.94	3/4	1,165.67	3/4	868.02	3/4	572.83	3/4	273.24	3/4		3/4		3/4		3/4		3/4	
4	1,459.62	4	1,159.42	4	861.99	4	566.51	4	267.12	4		4		4		4		4	
1/4	1,453.29	1/4	1,153.17	1/4	855.97	1/4	560.18	1/4	260.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,446.97	1/2	1,146.84	1/2	849.94	1/2	553.86	1/2	254.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,440.65	3/4	1,140.52	3/4	843.92	3/4	547.54	3/4	248.54	3/4		3/4		3/4		3/4		3/4	
5	1,434.32	5	1,134.19	5	837.89	5	541.21	5	242.32	5		5		5		5		5	
1/4	1,428.00	1/4	1,127.87	1/4	831.87	1/4	534.89	1/4	236.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,421.67	1/2	1,121.54	1/2	825.84	1/2	528.56	1/2	229.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,415.35	3/4	1,115.22	3/4	819.82	3/4	522.24	3/4	223.44	3/4		3/4		3/4		3/4		3/4	
6	1,409.03	6	1,108.89	6	813.79	6	515.91	6	217.12	6		6		6		6		6	
1/4	1,402.70	1/4	1,102.57	1/4	807.77	1/4	509.59	1/4	210.79	1/4		1/4		1/4		1/4		1/4	
1/2	1,396.38	1/2	1,096.24	1/2	801.74	1/2	503.26	1/2	204.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,390.05	3/4	1,089.92	3/4	795.72	3/4	496.94	3/4	198.14	3/4		3/4		3/4		3/4		3/4	
7	1,383.73	7	1,083.59	7	789.70	7	490.61	7	191.82	7		7		7		7		7	
1/4	1,377.41	1/4	1,077.27	1/4	783.67	1/4	484.29	1/4	185.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,371.08	1/2	1,070.95	1/2	777.65	1/2	477.96	1/2	179.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,364.76	3/4	1,064.62	3/4	771.62	3/4	471.64	3/4	172.84	3/4		3/4		3/4		3/4		3/4	
8	1,358.44	8	1,058.30	8	765.60	8	465.32	8	166.52	8		8		8		8		8	
1/4	1,352.11	1/4	1,051.97	1/4	759.57	1/4	458.99	1/4	160.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,345.79	1/2	1,045.65	1/2	753.55	1/2	452.67	1/2	153.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,339.46	3/4	1,039.32	3/4	747.52	3/4	446.34	3/4	147.75	3/4		3/4		3/4		3/4		3/4	
9	1,333.14	9	1,033.00	9	741.50	9	440.02	9	141.52	9		9		9		9		9	
1/4	1,326.82	1/4	1,026.67	1/4	735.47	1/4	433.69	1/4	135.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,320.50	1/2	1,020.35	1/2	729.45	1/2	427.37	1/2	129.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,314.18	3/4	1,014.02	3/4	723.42	3/4	421.04	3/4	123.05	3/4		3/4		3/4		3/4		3/4	
10	1,308.06	10	1,007.70	10	717.40	10	414.72	10	116.93	10		10		10		10		10	
1/4	1,301.81	1/4	1,001.37	1/4	711.37	1/4	408.39	1/4	110.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,295.62	1/2	995.19	1/2	705.20	1/2	402.17	1/2	104.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,289.44	3/4	989.00	3/4	699.03	3/4	395.94	3/4	98.57	3/4		3/4		3/4		3/4		3/4	
11	1,283.26	11	982.82	11	692.85	11	389.72	11	92.45	11		11		11		11		11	
1/4	1,277.08	1/4	976.63	1/4	686.68	1/4	383.49	1/4	86.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,270.90	1/2	970.58	1/2	680.35	1/2	377.37	1/2	80.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,264.72	3/4	964.54	3/4	674.03	3/4	371.24	3/4	74.12	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/13/2020 JS
CALCULATED: 04/14/2020 CL
PRINTED: 04/15/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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



BARGE "MM 326"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02"

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	4,292.24	0	3,996.69	0	3,693.84	0	3,390.98	0	3,087.41	0	2,783.69	0	2,479.96	0	2,176.24	0	1,872.52	
1/4	1/4	4,287.05	1/4	3,990.38	1/4	3,687.53	1/4	3,384.67	1/4	3,081.09	1/4	2,777.36	1/4	2,473.64	1/4	2,169.91	1/4	1,866.19	
1/2	1/2	4,281.86	1/2	3,984.08	1/2	3,681.22	1/2	3,378.36	1/2	3,074.76	1/2	2,771.03	1/2	2,467.31	1/2	2,163.58	1/2	1,859.86	
3/4	3/4	4,276.67	3/4	3,977.77	3/4	3,674.91	3/4	3,372.05	3/4	3,068.43	3/4	2,764.71	3/4	2,460.98	3/4	2,157.26	3/4	1,853.53	
1	1	4,271.47	1	3,971.46	1	3,668.60	1	3,365.74	1	3,062.10	1	2,758.38	1	2,454.65	1	2,150.93	1	1,847.20	
1/4	1/4	4,265.51	1/4	3,965.15	1/4	3,662.29	1/4	3,359.43	1/4	3,055.78	1/4	2,752.05	1/4	2,448.33	1/4	2,144.60	1/4	1,840.88	
1/2	1/2	4,259.54	1/2	3,958.84	1/2	3,655.98	1/2	3,353.13	1/2	3,049.45	1/2	2,745.72	1/2	2,442.00	1/2	2,138.27	1/2	1,834.55	
3/4	3/4	4,253.57	3/4	3,952.53	3/4	3,649.67	3/4	3,346.82	3/4	3,043.12	3/4	2,739.40	3/4	2,435.67	3/4	2,131.95	3/4	1,828.22	
2	2	4,247.60	2	3,946.22	2	3,643.36	2	3,340.51	2	3,036.79	2	2,733.07	2	2,429.34	2	2,125.62	2	1,821.89	
1/4	1/4	4,241.38	1/4	3,939.91	1/4	3,637.05	1/4	3,334.18	1/4	3,030.47	1/4	2,726.74	1/4	2,423.02	1/4	2,119.29	1/4	1,815.57	
1/2	1/2	4,235.15	1/2	3,933.60	1/2	3,630.74	1/2	3,327.86	1/2	3,024.14	1/2	2,720.41	1/2	2,416.69	1/2	2,112.96	1/2	1,809.24	
3/4	3/4	4,228.92	3/4	3,927.29	3/4	3,624.43	3/4	3,321.53	3/4	3,017.81	3/4	2,714.09	3/4	2,410.36	3/4	2,106.64	3/4	1,802.91	
3	3	4,222.69	3	3,920.98	3	3,618.12	3	3,315.21	3	3,011.48	3	2,707.76	3	2,404.03	3	2,100.31	3	1,796.58	
1/4	1/4	4,216.45	1/4	3,914.67	1/4	3,611.81	1/4	3,308.88	1/4	3,005.16	1/4	2,701.43	1/4	2,397.71	1/4	2,093.98	1/4	1,790.26	
1/2	1/2	4,210.21	1/2	3,908.36	1/2	3,605.51	1/2	3,302.55	1/2	2,998.83	1/2	2,695.10	1/2	2,391.38	1/2	2,087.65	1/2	1,783.93	
3/4	3/4	4,203.97	3/4	3,902.05	3/4	3,599.20	3/4	3,296.23	3/4	2,992.50	3/4	2,688.78	3/4	2,385.05	3/4	2,081.33	3/4	1,777.60	
4	4	4,197.73	4	3,895.74	4	3,592.89	4	3,289.90	4	2,986.17	4	2,682.45	4	2,378.72	4	2,075.00	4	1,771.27	
1/4	1/4	4,191.48	1/4	3,889.43	1/4	3,586.58	1/4	3,283.57	1/4	2,979.85	1/4	2,676.12	1/4	2,372.40	1/4	2,068.67	1/4	1,764.95	
1/2	1/2	4,185.23	1/2	3,883.12	1/2	3,580.27	1/2	3,277.24	1/2	2,973.52	1/2	2,669.79	1/2	2,366.07	1/2	2,062.34	1/2	1,758.62	
3/4	3/4	4,178.99	3/4	3,876.81	3/4	3,573.96	3/4	3,270.91	3/4	2,967.19	3/4	2,663.47	3/4	2,359.74	3/4	2,056.02	3/4	1,752.29	
5	5	4,172.74	5	3,870.50	5	3,567.65	5	3,264.59	5	2,960.86	5	2,657.14	5	2,353.41	5	2,049.69	5	1,745.96	
1/4	1/4	4,166.49	1/4	3,864.19	1/4	3,561.34	1/4	3,258.26	1/4	2,954.53	1/4	2,650.81	1/4	2,347.09	1/4	2,043.36	1/4	1,739.64	
1/2	1/2	4,160.25	1/2	3,857.89	1/2	3,555.03	1/2	3,251.93	1/2	2,948.21	1/2	2,644.48	1/2	2,340.76	1/2	2,037.03	1/2	1,733.31	
3/4	3/4	4,154.00	3/4	3,851.58	3/4	3,548.72	3/4	3,245.60	3/4	2,941.88	3/4	2,638.15	3/4	2,334.43	3/4	2,030.71	3/4	1,726.98	
6	6	4,147.75	6	3,845.27	6	3,542.41	6	3,239.28	6	2,935.55	6	2,631.83	6	2,328.10	6	2,024.38	6	1,720.65	
1/4	1/4	4,141.51	1/4	3,838.96	1/4	3,536.10	1/4	3,232.95	1/4	2,929.22	1/4	2,625.50	1/4	2,321.77	1/4	2,018.05	1/4	1,714.33	
1/2	1/2	4,135.26	1/2	3,832.65	1/2	3,529.79	1/2	3,226.62	1/2	2,922.90	1/2	2,619.17	1/2	2,315.45	1/2	2,011.72	1/2	1,708.00	
3/4	3/4	4,129.01	3/4	3,826.34	3/4	3,523.48	3/4	3,220.29	3/4	2,916.57	3/4	2,612.84	3/4	2,309.12	3/4	2,005.39	3/4	1,701.67	
7	7	4,122.77	7	3,820.03	7	3,517.17	7	3,213.97	7	2,910.24	7	2,606.52	7	2,302.79	7	1,999.07	7	1,695.34	
1/4	1/4	4,116.49	1/4	3,813.72	1/4	3,510.86	1/4	3,207.64	1/4	2,903.91	1/4	2,600.19	1/4	2,296.46	1/4	1,992.74	1/4	1,689.01	
1/2	1/2	4,110.21	1/2	3,807.41	1/2	3,504.55	1/2	3,201.31	1/2	2,897.59	1/2	2,593.86	1/2	2,290.14	1/2	1,986.41	1/2	1,682.69	
3/4	3/4	4,103.93	3/4	3,801.10	3/4	3,498.24	3/4	3,194.98	3/4	2,891.26	3/4	2,587.53	3/4	2,283.81	3/4	1,980.08	3/4	1,676.36	
8	8	4,097.65	8	3,794.79	8	3,491.93	8	3,188.66	8	2,884.93	8	2,581.21	8	2,277.48	8	1,973.76	8	1,670.03	
1/4	1/4	4,091.34	1/4	3,788.48	1/4	3,485.62	1/4	3,182.33	1/4	2,878.60	1/4	2,574.88	1/4	2,271.15	1/4	1,967.43	1/4	1,663.70	
1/2	1/2	4,085.03	1/2	3,782.17	1/2	3,479.32	1/2	3,176.00	1/2	2,872.28	1/2	2,568.55	1/2	2,264.83	1/2	1,961.10	1/2	1,657.38	
3/4	3/4	4,078.72	3/4	3,775.86	3/4	3,473.01	3/4	3,169.67	3/4	2,865.95	3/4	2,562.22	3/4	2,258.50	3/4	1,954.77	3/4	1,651.05	
9	9	4,072.41	9	3,769.55	9	3,466.70	9	3,163.35	9	2,859.62	9	2,555.90	9	2,252.17	9	1,948.45	9	1,644.72	
1/4	1/4	4,066.10	1/4	3,763.24	1/4	3,460.39	1/4	3,157.02	1/4	2,853.29	1/4	2,549.57	1/4	2,245.84	1/4	1,942.12	1/4	1,638.39	
1/2	1/2	4,059.79	1/2	3,756.93	1/2	3,454.08	1/2	3,150.69	1/2	2,846.97	1/2	2,543.24	1/2	2,239.52	1/2	1,935.79	1/2	1,632.07	
3/4	3/4	4,053.48	3/4	3,750.62	3/4	3,447.77	3/4	3,144.36	3/4	2,840.64	3/4	2,536.91	3/4	2,233.19	3/4	1,929.46	3/4	1,625.74	
10	10	4,047.17	10	3,744.31	10	3,441.46	10	3,138.04	10	2,834.31	10	2,530.59	10	2,226.86	10	1,923.14	10	1,619.41	
1/4	1/4	4,040.86	1/4	3,738.00	1/4	3,435.15	1/4	3,131.71	1/4	2,827.98	1/4	2,524.26	1/4	2,220.53	1/4	1,916.81	1/4	1,613.08	
1/2	1/2	4,034.55	1/2	3,731.70	1/2	3,428.84	1/2	3,125.38	1/2	2,821.66	1/2	2,517.93	1/2	2,214.21	1/2	1,910.48	1/2	1,606.76	
3/4	3/4	4,028.24	3/4	3,725.39	3/4	3,422.53	3/4	3,119.05	3/4	2,815.33	3/4	2,511.60	3/4	2,207.88	3/4	1,904.15	3/4	1,600.43	
11	4,308.79	11	4,021.93	11	3,719.08	11	3,416.22	11	3,112.72	11	2,809.00	11	2,505.28	11	2,201.55	11	1,897.83	11	1,594.10
1/4	4,304.65	1/4	4,015.62	1/4	3,712.77	1/4	3,409.91	1/4	3,106.40	1/4	2,802.67	1/4	2,498.95	1/4	2,195.22	1/4	1,891.50	1/4	1,587.77
1/2	4,300.52	1/2	4,009.31	1/2	3,706.46	1/2	3,403.60	1/2	3,100.07	1/2	2,796.34	1/2	2,492.62	1/2	2,188.90	1/2	1,885.17	1/2	1,581.45
3/4	4,296.38	3/4	4,003.00	3/4	3,700.15	3/4	3,397.29	3/4	3,093.74	3/4	2,790.02	3/4	2,486.29	3/4	2,182.57	3/4	1,878.84	3/4	1,575.12

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 ONLY APPLIES TO ULLAGE GAUGES

GAUGE POINT: (MMC - TOP OF THREADS) LOCATED 12'-08" OFF CENTERLINE AND 36'-03" FORWARD OF AFT BULKHEAD

GAUGE POINT: (8" HATCH) LOCATED 12'-08" OFF CENTERLINE AND 34'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MM 326"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,568.79	0	1,266.49	0	964.73	0	661.77	0	359.20	0	61.95	0		0		0		0	
1/4	1,562.46	1/4	1,260.31	1/4	958.41	1/4	655.44	1/4	353.07	1/4	56.23	1/4		1/4		1/4		1/4	
1/2	1,556.14	1/2	1,254.12	1/2	952.09	1/2	649.11	1/2	346.94	1/2	50.51	1/2		1/2		1/2		1/2	
3/4	1,549.81	3/4	1,247.94	3/4	945.77	3/4	642.78	3/4	340.81	3/4	44.80	3/4		3/4		3/4		3/4	
1	1,543.48	1	1,241.75	1	939.45	1	636.45	1	334.69	1	39.08	1		1		1		1	
1/4	1,537.15	1/4	1,235.57	1/4	933.13	1/4	630.12	1/4	328.56	1/4	34.54	1/4		1/4		1/4		1/4	
1/2	1,530.82	1/2	1,229.38	1/2	926.82	1/2	623.80	1/2	322.43	1/2	29.99	1/2		1/2		1/2		1/2	
3/4	1,524.50	3/4	1,223.20	3/4	920.51	3/4	617.47	3/4	316.30	3/4	25.44	3/4		3/4		3/4		3/4	
2	1,518.17	2	1,217.01	2	914.20	2	611.14	2	310.17	2	20.90	2		2		2		2	
1/4	1,511.84	1/4	1,210.83	1/4	907.89	1/4	604.81	1/4	304.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,505.51	1/2	1,204.64	1/2	901.58	1/2	598.48	1/2	297.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,499.19	3/4	1,198.46	3/4	895.27	3/4	592.15	3/4	291.78	3/4		3/4		3/4		3/4		3/4	
3	1,492.86	3	1,192.27	3	888.96	3	585.83	3	285.66	3		3		3		3		3	
1/4	1,486.53	1/4	1,186.02	1/4	882.65	1/4	579.50	1/4	279.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,480.20	1/2	1,179.76	1/2	876.34	1/2	573.17	1/2	273.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,473.88	3/4	1,173.50	3/4	870.03	3/4	566.84	3/4	267.27	3/4		3/4		3/4		3/4		3/4	
4	1,467.55	4	1,167.24	4	863.73	4	560.51	4	261.14	4		4		4		4		4	
1/4	1,461.22	1/4	1,160.92	1/4	857.42	1/4	554.18	1/4	254.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,454.89	1/2	1,154.59	1/2	851.11	1/2	547.86	1/2	248.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,448.57	3/4	1,148.26	3/4	844.80	3/4	541.53	3/4	242.45	3/4		3/4		3/4		3/4		3/4	
5	1,442.24	5	1,141.93	5	838.50	5	535.20	5	236.23	5		5		5		5		5	
1/4	1,435.91	1/4	1,135.60	1/4	832.19	1/4	528.87	1/4	229.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,429.58	1/2	1,129.27	1/2	825.88	1/2	522.54	1/2	223.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,423.26	3/4	1,122.94	3/4	819.57	3/4	516.21	3/4	217.24	3/4		3/4		3/4		3/4		3/4	
6	1,416.93	6	1,116.62	6	813.27	6	509.89	6	210.91	6		6		6		6		6	
1/4	1,410.60	1/4	1,110.29	1/4	806.96	1/4	503.56	1/4	204.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,404.27	1/2	1,103.96	1/2	800.65	1/2	497.23	1/2	198.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,397.95	3/4	1,097.63	3/4	794.35	3/4	490.90	3/4	191.93	3/4		3/4		3/4		3/4		3/4	
7	1,391.62	7	1,091.30	7	788.04	7	484.57	7	185.60	7		7		7		7		7	
1/4	1,385.29	1/4	1,084.97	1/4	781.73	1/4	478.24	1/4	179.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,378.96	1/2	1,078.64	1/2	775.42	1/2	471.91	1/2	172.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,372.63	3/4	1,072.32	3/4	769.12	3/4	465.59	3/4	166.61	3/4		3/4		3/4		3/4		3/4	
8	1,366.31	8	1,065.99	8	762.81	8	459.26	8	160.28	8		8		8		8		8	
1/4	1,359.98	1/4	1,059.66	1/4	756.50	1/4	452.93	1/4	154.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,353.65	1/2	1,053.33	1/2	750.19	1/2	446.60	1/2	147.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,347.32	3/4	1,047.00	3/4	743.89	3/4	440.27	3/4	141.60	3/4		3/4		3/4		3/4		3/4	
9	1,341.00	9	1,040.67	9	737.58	9	433.94	9	135.37	9		9		9		9		9	
1/4	1,334.74	1/4	1,034.34	1/4	731.27	1/4	427.62	1/4	129.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,328.48	1/2	1,028.02	1/2	724.97	1/2	421.29	1/2	123.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,322.23	3/4	1,021.69	3/4	718.66	3/4	414.96	3/4	116.99	3/4		3/4		3/4		3/4		3/4	
10	1,315.97	10	1,015.36	10	712.35	10	408.63	10	110.87	10		10		10		10		10	
1/4	1,309.79	1/4	1,009.03	1/4	706.03	1/4	402.40	1/4	104.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,303.60	1/2	1,002.70	1/2	699.72	1/2	396.17	1/2	98.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,297.42	3/4	996.37	3/4	693.40	3/4	389.94	3/4	92.50	3/4		3/4		3/4		3/4		3/4	
11	1,291.23	11	990.04	11	687.08	11	383.72	11	86.38	11		11		11		11		11	
1/4	1,285.05	1/4	983.72	1/4	680.75	1/4	377.59	1/4	80.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,278.86	1/2	977.39	1/2	674.42	1/2	371.46	1/2	74.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,272.68	3/4	971.06	3/4	668.10	3/4	365.33	3/4	68.06	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/13/2020 JS
CALCULATED: 04/14/2020 CL
PRINTED: 04/15/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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



BARGE "MM 326"

4 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 10'-11"

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.	IN	10 FT.
0	0	2,068.69	0	1,873.96	0	1,656.53	0	1,439.09	0	1,221.30	0	1,003.76	0	789.24	0	575.54	0	362.37	0	147.41	
1/4	1/4	2,066.66	1/4	1,869.43	1/4	1,652.00	1/4	1,434.56	1/4	1,216.75	1/4	999.25	1/4	784.70	1/4	571.19	1/4	357.83	1/4	142.89	
1/2	1/2	2,064.63	1/2	1,864.91	1/2	1,647.47	1/2	1,430.03	1/2	1,212.21	1/2	994.75	1/2	780.16	1/2	566.84	1/2	353.29	1/2	138.38	
3/4	3/4	2,062.60	3/4	1,860.38	3/4	1,642.94	3/4	1,425.50	3/4	1,207.66	3/4	990.25	3/4	775.62	3/4	562.50	3/4	348.74	3/4	133.87	
1	1	2,060.57	1	1,855.85	1	1,638.41	1	1,420.97	1	1,203.12	1	985.75	1	771.08	1	558.15	1	344.20	1	129.36	
1/4	1/4	2,057.78	1/4	1,851.32	1/4	1,633.88	1/4	1,416.44	1/4	1,198.58	1/4	981.25	1/4	766.54	1/4	553.80	1/4	339.66	1/4	124.81	
1/2	1/2	2,054.99	1/2	1,846.79	1/2	1,629.35	1/2	1,411.92	1/2	1,194.03	1/2	976.75	1/2	761.99	1/2	549.46	1/2	335.11	1/2	120.26	
3/4	3/4	2,052.20	3/4	1,842.26	3/4	1,624.82	3/4	1,407.39	3/4	1,189.49	3/4	972.25	3/4	757.45	3/4	545.11	3/4	330.57	3/4	115.71	
2	2	2,049.41	2	1,837.73	2	1,620.29	2	1,402.86	2	1,184.94	2	967.75	2	752.91	2	540.76	2	326.03	2	111.16	
1/4	1/4	2,045.86	1/4	1,833.20	1/4	1,615.76	1/4	1,398.33	1/4	1,180.40	1/4	963.25	1/4	748.37	1/4	536.42	1/4	321.49	1/4	106.61	
1/2	1/2	2,042.31	1/2	1,828.67	1/2	1,611.23	1/2	1,393.80	1/2	1,175.85	1/2	958.74	1/2	743.83	1/2	532.07	1/2	316.94	1/2	102.05	
3/4	3/4	2,038.76	3/4	1,824.14	3/4	1,606.70	3/4	1,389.27	3/4	1,171.31	3/4	954.24	3/4	739.29	3/4	527.72	3/4	312.40	3/4	97.49	
3	3	2,035.21	3	1,819.61	3	1,602.17	3	1,384.74	3	1,166.76	3	949.74	3	734.75	3	523.38	3	307.86	3	92.93	
1/4	1/4	2,030.89	1/4	1,815.08	1/4	1,597.64	1/4	1,380.21	1/4	1,162.22	1/4	945.24	1/4	730.21	1/4	519.03	1/4	303.32	1/4	88.37	
1/2	1/2	2,026.58	1/2	1,810.55	1/2	1,593.11	1/2	1,375.68	1/2	1,157.68	1/2	940.74	1/2	725.67	1/2	514.68	1/2	298.77	1/2	83.82	
3/4	3/4	2,022.27	3/4	1,806.02	3/4	1,588.58	3/4	1,371.15	3/4	1,153.13	3/4	936.24	3/4	721.13	3/4	510.34	3/4	294.23	3/4	79.26	
4	4	2,017.96	4	1,801.49	4	1,584.05	4	1,366.62	4	1,148.59	4	931.74	4	716.59	4	505.99	4	289.69	4	74.70	
1/4	1/4	2,013.46	1/4	1,796.96	1/4	1,579.52	1/4	1,362.09	1/4	1,144.04	1/4	927.24	1/4	712.05	1/4	501.64	1/4	285.14	1/4	70.24	
1/2	1/2	2,008.96	1/2	1,792.43	1/2	1,574.99	1/2	1,357.56	1/2	1,139.50	1/2	922.74	1/2	707.51	1/2	497.29	1/2	280.59	1/2	65.79	
3/4	3/4	2,004.46	3/4	1,787.90	3/4	1,570.46	3/4	1,353.03	3/4	1,134.95	3/4	918.23	3/4	702.97	3/4	492.95	3/4	276.04	3/4	61.34	
5	5	1,999.96	5	1,783.37	5	1,565.93	5	1,348.50	5	1,130.41	5	913.73	5	698.43	5	488.60	5	271.50	5	56.89	
1/4	1/4	1,995.47	1/4	1,778.84	1/4	1,561.40	1/4	1,343.96	1/4	1,125.87	1/4	909.28	1/4	693.89	1/4	484.25	1/4	266.95	1/4	52.90	
1/2	1/2	1,990.98	1/2	1,774.31	1/2	1,556.87	1/2	1,339.43	1/2	1,121.33	1/2	904.83	1/2	689.35	1/2	479.90	1/2	262.40	1/2	48.91	
3/4	3/4	1,986.50	3/4	1,769.78	3/4	1,552.34	3/4	1,334.89	3/4	1,116.79	3/4	900.39	3/4	684.80	3/4	475.55	3/4	257.85	3/4	44.92	
6	6	1,982.01	6	1,765.25	6	1,547.81	6	1,330.36	6	1,112.25	6	895.94	6	680.26	6	471.20	6	253.30	6	40.93	
1/4	1/4	1,977.52	1/4	1,760.72	1/4	1,543.28	1/4	1,325.81	1/4	1,107.72	1/4	891.50	1/4	675.85	1/4	466.71	1/4	248.85	1/4	37.95	
1/2	1/2	1,973.04	1/2	1,756.19	1/2	1,538.75	1/2	1,321.27	1/2	1,103.18	1/2	887.07	1/2	671.44	1/2	462.21	1/2	244.41	1/2	34.96	
3/4	3/4	1,968.55	3/4	1,751.66	3/4	1,534.22	3/4	1,316.73	3/4	1,098.64	3/4	882.64	3/4	667.03	3/4	457.72	3/4	239.97	3/4	31.97	
7	7	1,964.07	7	1,747.13	7	1,529.69	7	1,312.19	7	1,094.10	7	878.21	7	662.62	7	453.22	7	235.53	7	28.99	
1/4	1/4	1,959.58	1/4	1,742.60	1/4	1,525.16	1/4	1,307.64	1/4	1,089.57	1/4	873.77	1/4	658.25	1/4	448.68	1/4	231.12	1/4	27.15	
1/2	1/2	1,955.10	1/2	1,738.07	1/2	1,520.63	1/2	1,303.10	1/2	1,085.03	1/2	869.34	1/2	653.88	1/2	444.14	1/2	226.72	1/2	25.32	
3/4	3/4	1,950.61	3/4	1,733.54	3/4	1,516.10	3/4	1,298.55	3/4	1,080.49	3/4	864.91	3/4	649.52	3/4	439.60	3/4	222.31	3/4	23.49	
8	8	1,946.13	8	1,729.01	8	1,511.57	8	1,294.01	8	1,075.96	8	860.48	8	645.15	8	435.05	8	217.90	8	21.65	
1/4	1/4	1,941.64	1/4	1,724.48	1/4	1,507.04	1/4	1,289.46	1/4	1,071.42	1/4	856.05	1/4	640.79	1/4	430.51	1/4	213.50	1/4	21.37	
1/2	1/2	1,937.16	1/2	1,719.95	1/2	1,502.51	1/2	1,284.92	1/2	1,066.88	1/2	851.61	1/2	636.44	1/2	425.97	1/2	209.09	1/2	21.10	
3/4	3/4	1,932.67	3/4	1,715.42	3/4	1,497.98	3/4	1,280.37	3/4	1,062.34	3/4	847.18	3/4	632.08	3/4	421.43	3/4	204.69	3/4	20.82	
9	9	1,928.19	9	1,710.89	9	1,493.45	9	1,275.83	9	1,057.81	9	842.75	9	627.72	9	416.88	9	200.28	9	20.54	
1/4	1/4	1,923.69	1/4	1,706.36	1/4	1,488.92	1/4	1,271.29	1/4	1,053.30	1/4	838.32	1/4	623.37	1/4	412.34	1/4	195.87	1/4	18.54	
1/2	1/2	1,919.19	1/2	1,701.83	1/2	1,484.39	1/2	1,266.74	1/2	1,048.79	1/2	833.88	1/2	619.02	1/2	407.80	1/2	191.47	1/2	16.55	
3/4	3/4	1,914.68	3/4	1,697.30	3/4	1,479.86	3/4	1,262.20	3/4	1,044.27	3/4	829.45	3/4	614.67	3/4	403.25	3/4	187.06	3/4	14.55	
10	10	1,910.18	10	1,692.77	10	1,475.33	10	1,257.65	10	1,039.76	10	825.02	10	610.32	10	398.71	10	182.66	10	12.56	
1/4	1/4	1,905.66	1/4	1,688.24	1/4	1,470.80	1/4	1,253.11	1/4	1,035.26	1/4	820.59	1/4	605.97	1/4	394.17	1/4	178.25	1/4	10.60	
1/2	1/2	1,901.13	1/2	1,683.71	1/2	1,466.27	1/2	1,248.56	1/2	1,030.76	1/2	816.16	1/2	601.62	1/2	389.63	1/2	173.84	1/2	8.64	
3/4	3/4	1,896.61	3/4	1,679.18	3/4	1,461.74	3/4	1,244.02	3/4	1,026.26	3/4	811.72	3/4	597.27	3/4	385.08	3/4	169.44	3/4	6.68	
11	11	1,892.08	11	1,674.65	11	1,457.21	11	1,239.48	11	1,021.76	11	807.29	11	592.92	11	380.54	11	165.03	11	4.72	
1/4	1/4	1,887.55	1/4	1,670.12	1/4	1,452.68	1/4	1,234.93	1/4	1,017.26	1/4	802.78	1/4	588.58	1/4	376.00	1/4	160.63	1/4	2.76	
1/2	1/2	1,883.02	1/2	1,665.59	1/2	1,448.15	1/2	1,230.39	1/2	1,012.76	1/2	798.27	1/2	584.23	1/2	371.46	1/2	156.22	1/2	0.80	
3/4	3/4	1,878.49	3/4	1,661.06	3/4	1,443.62	3/4	1,225.84	3/4	1,008.26	3/4	793.75	3/4	579.88	3/4	366.91	3/4	151.81	3/4	0.00	

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 ONLY APPLIES TO ULLAGE GAUGES.
 GAUGE POINT: (MMC - TOP OF THREADS) LOCATED 5'-00" OFF CENTERLINE AND 47'-09" FORWARD OF AFT BULKHEAD.
 GAUGE POINT: (8" HATCH) LOCATED 5'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD.

STRAPPED: 04/13/2020 JS
 CALCULATED: 04/14/2020 CL
 PRINTED: 04/15/2020 SW

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

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

CANCELS AND SUPERCEDES
 ALL PRIOR TO 04/2020



BARGE "MM 326"

4 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 10'-11 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
	0		2,073.72		1,885.82		1,669.30		1,452.77		1,235.91		1,019.02		805.10		588.01		371.29		156.76
1/4	1/4	1/4	2,072.45	1/4	1,881.31	1/4	1,664.78	1/4	1,448.26	1/4	1,231.39	1/4	1,014.53	1/4	800.59	1/4	583.50	1/4	366.76	1/4	152.33
1/2	1/2	1/2	2,071.18	1/2	1,876.80	1/2	1,660.27	1/2	1,443.75	1/2	1,226.86	1/2	1,010.04	1/2	796.09	1/2	578.99	1/2	362.24	1/2	147.90
3/4	3/4	3/4	2,069.14	3/4	1,872.29	3/4	1,655.76	3/4	1,439.24	3/4	1,222.34	3/4	1,005.55	3/4	791.56	3/4	574.48	3/4	357.71	3/4	143.37
1	1	1	2,067.11	1	1,867.78	1	1,651.25	1	1,434.73	1	1,217.81	1	1,001.06	1	787.04	1	569.98	1	353.19	1	138.83
1/4	1/4	1/4	2,065.07	1/4	1,863.26	1/4	1,646.74	1/4	1,430.22	1/4	1,213.29	1/4	996.57	1/4	782.51	1/4	565.47	1/4	348.67	1/4	134.30
1/2	1/2	1/2	2,063.04	1/2	1,858.75	1/2	1,642.23	1/2	1,425.71	1/2	1,208.76	1/2	992.09	1/2	777.98	1/2	560.96	1/2	344.14	1/2	129.76
3/4	3/4	3/4	2,060.24	3/4	1,854.24	3/4	1,637.72	3/4	1,421.20	3/4	1,204.24	3/4	987.60	3/4	773.45	3/4	556.45	3/4	339.62	3/4	125.19
2	2	2	2,057.44	2	1,849.73	2	1,633.21	2	1,416.69	2	1,199.71	2	983.11	2	768.92	2	551.95	2	335.10	2	120.62
1/4	1/4	1/4	2,054.65	1/4	1,845.22	1/4	1,628.70	1/4	1,412.17	1/4	1,195.19	1/4	978.62	1/4	764.39	1/4	547.44	1/4	330.57	1/4	116.05
1/2	1/2	1/2	2,051.85	1/2	1,840.71	1/2	1,624.19	1/2	1,407.66	1/2	1,190.66	1/2	974.13	1/2	759.86	1/2	542.93	1/2	326.05	1/2	111.48
3/4	3/4	3/4	2,048.29	3/4	1,836.20	3/4	1,619.68	3/4	1,403.15	3/4	1,186.14	3/4	969.64	3/4	755.33	3/4	538.42	3/4	321.52	3/4	106.91
3	3	3	2,044.73	3	1,831.69	3	1,615.17	3	1,398.64	3	1,181.61	3	965.15	3	750.81	3	533.92	3	317.00	3	102.34
1/4	1/4	1/4	2,041.18	1/4	1,827.18	1/4	1,610.65	1/4	1,394.13	1/4	1,177.08	1/4	960.66	1/4	746.28	1/4	529.41	1/4	312.48	1/4	97.77
1/2	1/2	1/2	2,037.62	1/2	1,822.67	1/2	1,606.14	1/2	1,389.62	1/2	1,172.56	1/2	956.17	1/2	741.75	1/2	524.90	1/2	307.95	1/2	93.20
3/4	3/4	3/4	2,033.30	3/4	1,818.16	3/4	1,601.63	3/4	1,385.11	3/4	1,168.03	3/4	951.68	3/4	737.22	3/4	520.39	3/4	303.43	3/4	88.63
4	4	4	2,028.98	4	1,813.64	4	1,597.12	4	1,380.60	4	1,163.51	4	947.19	4	732.69	4	515.89	4	298.91	4	84.06
1/4	1/4	1/4	2,024.66	1/4	1,809.13	1/4	1,592.61	1/4	1,376.09	1/4	1,158.98	1/4	942.70	1/4	728.16	1/4	511.38	1/4	294.38	1/4	79.49
1/2	1/2	1/2	2,020.34	1/2	1,804.62	1/2	1,588.10	1/2	1,371.58	1/2	1,154.46	1/2	938.21	1/2	723.63	1/2	506.87	1/2	289.86	1/2	74.92
3/4	3/4	3/4	2,015.83	3/4	1,800.11	3/4	1,583.59	3/4	1,367.07	3/4	1,149.93	3/4	933.72	3/4	719.10	3/4	502.36	3/4	285.33	3/4	70.46
5	5	5	2,011.32	5	1,795.60	5	1,579.08	5	1,362.55	5	1,145.41	5	929.24	5	714.58	5	497.85	5	280.80	5	65.99
1/4	1/4	1/4	2,006.81	1/4	1,791.09	1/4	1,574.57	1/4	1,358.04	1/4	1,140.88	1/4	924.75	1/4	710.05	1/4	493.34	1/4	276.27	1/4	61.53
1/2	1/2	1/2	2,002.29	1/2	1,786.58	1/2	1,570.06	1/2	1,353.53	1/2	1,136.36	1/2	920.26	1/2	705.52	1/2	488.83	1/2	271.74	1/2	57.07
3/4	3/4	3/4	1,997.82	3/4	1,782.07	3/4	1,565.55	3/4	1,349.02	3/4	1,131.83	3/4	915.82	3/4	700.99	3/4	484.32	3/4	267.21	3/4	53.07
6	6	6	1,993.34	6	1,777.56	6	1,561.03	6	1,344.50	6	1,127.30	6	911.38	6	696.46	6	479.81	6	262.68	6	49.07
1/4	1/4	1/4	1,988.86	1/4	1,773.05	1/4	1,556.52	1/4	1,339.98	1/4	1,122.78	1/4	906.94	1/4	691.93	1/4	475.30	1/4	258.15	1/4	45.07
1/2	1/2	1/2	1,984.39	1/2	1,768.54	1/2	1,552.01	1/2	1,335.47	1/2	1,118.25	1/2	902.51	1/2	687.40	1/2	470.79	1/2	253.62	1/2	41.07
3/4	3/4	3/4	1,979.92	3/4	1,764.02	3/4	1,547.50	3/4	1,330.94	3/4	1,113.73	3/4	898.09	3/4	682.87	3/4	466.27	3/4	249.20	3/4	38.08
7	7	7	1,975.45	7	1,759.51	7	1,542.99	7	1,326.42	7	1,109.20	7	893.67	7	678.35	7	461.75	7	244.77	7	35.08
1/4	1/4	1/4	1,970.99	1/4	1,755.00	1/4	1,538.48	1/4	1,321.90	1/4	1,104.68	1/4	889.25	1/4	673.82	1/4	457.23	1/4	240.35	1/4	32.09
1/2	1/2	1/2	1,966.52	1/2	1,750.49	1/2	1,533.97	1/2	1,317.37	1/2	1,100.15	1/2	884.83	1/2	669.29	1/2	452.71	1/2	235.93	1/2	29.09
3/4	3/4	3/4	1,962.06	3/4	1,745.98	3/4	1,529.46	3/4	1,312.85	3/4	1,095.63	3/4	880.40	3/4	664.76	3/4	448.19	3/4	231.54	3/4	27.25
8	8	8	1,957.59	8	1,741.47	8	1,524.95	8	1,308.32	8	1,091.10	8	875.98	8	660.23	8	443.66	8	227.15	8	25.41
1/4	1/4	1/4	1,953.13	1/4	1,736.96	1/4	1,520.44	1/4	1,303.80	1/4	1,086.58	1/4	871.56	1/4	655.70	1/4	439.14	1/4	222.77	1/4	23.57
1/2	1/2	1/2	1,948.66	1/2	1,732.45	1/2	1,515.93	1/2	1,299.27	1/2	1,082.05	1/2	867.14	1/2	651.17	1/2	434.62	1/2	218.38	1/2	21.73
3/4	3/4	3/4	1,944.19	3/4	1,727.94	3/4	1,511.41	3/4	1,294.74	3/4	1,077.53	3/4	862.72	3/4	646.66	3/4	430.09	3/4	213.99	3/4	21.44
9	9	9	1,939.73	9	1,723.43	9	1,506.90	9	1,290.22	9	1,073.00	9	858.30	9	642.14	9	425.57	9	209.61	9	21.16
1/4	1/4	1/4	1,935.26	1/4	1,718.92	1/4	1,502.39	1/4	1,285.69	1/4	1,068.47	1/4	853.88	1/4	637.62	1/4	421.05	1/4	205.22	1/4	20.87
1/2	1/2	1/2	1,930.80	1/2	1,714.40	1/2	1,497.88	1/2	1,281.17	1/2	1,063.95	1/2	849.46	1/2	633.11	1/2	416.52	1/2	200.83	1/2	20.59
3/4	3/4	3/4	1,926.31	3/4	1,709.89	3/4	1,493.37	3/4	1,276.64	3/4	1,059.45	3/4	845.04	3/4	628.59	3/4	412.00	3/4	196.44	3/4	18.59
10	10	10	1,921.83	10	1,705.38	10	1,488.86	10	1,272.12	10	1,054.95	10	840.62	10	624.08	10	407.47	10	192.06	10	16.59
1/4	1/4	1/4	1,917.35	1/4	1,700.87	1/4	1,484.35	1/4	1,267.59	1/4	1,050.45	1/4	836.20	1/4	619.57	1/4	402.95	1/4	187.67	1/4	14.58
1/2	1/2	1/2	1,912.87	1/2	1,696.36	1/2	1,479.84	1/2	1,263.07	1/2	1,045.96	1/2	831.78	1/2	615.06	1/2	398.43	1/2	183.28	1/2	12.58
3/4	3/4	3/4	1,908.36	3/4	1,691.85	3/4	1,475.33	3/4	1,258.54	3/4	1,041.47	3/4	827.36	3/4	610.55	3/4	393.90	3/4	178.87	3/4	10.62
11	11	11	1,903.85	11	1,687.34	11	1,470.82	11	1,254.02	11	1,036.98	11	822.94	11	606.04	11	389.38	11	174.45	11	8.65
1/4	1/4	1/4	1,899.35	1/4	1,682.83	1/4	1,466.31	1/4	1,249.49	1/4	1,032.49	1/4	818.52	1/4	601.53	1/4	384.86	1/4	170.03	1/4	6.69
1/2	1/2	1/2	1,894.84	1/2	1,678.32	1/2	1,461.79	1/2	1,244.97	1/2	1,028.00	1/2	814.10	1/2	597.02	1/2	380.33	1/2	165.61	1/2	4.73
3/4	3/4	3/4	1,890.33	3/4	1,673.81	3/4	1,457.28	3/4	1,240.44	3/4	1,023.51	3/4	809.60	3/4	592.51	3/4	375.81	3/4	161.18	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 ONLY APPLIES TO ULLAGE GAUGES.
 GAUGE POINT: (MMC - TOP OF THREADS) LOCATED 5'-00" OFF CENTERLINE AND 47'-09" FORWARD OF AFT BULKHEAD.
 GAUGE POINT: (8" HATCH) LOCATED 5'-00" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD.

STRAPPED: 04/13/2020 JS
 CALCULATED: 04/14/2020 CL
 PRINTED: 04/15/2020 SW

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