



BARGE "MM 118"

INNAGE TRIM TABLE "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	00-0/8	- 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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
4 PORT	- 00-1/2	00-1/2	- 01-0/8	01-0/8	- 01-3/8	01-3/8	- 01-7/8	01-7/8	- 02-3/8	02-3/8	- 02-7/8	02-7/8
4 STBD	- 00-1/2	00-1/2	- 01-0/8	01-0/8	- 01-3/8	01-3/8	- 01-7/8	01-7/8	- 02-3/8	02-3/8	- 02-7/8	02-7/8

(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 1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 237'-00"

August 18, 2018

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MM 118"

INNAGE 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	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
1 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
2 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
3 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
3 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
4 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-1/4	03-1/4
4 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-1/4	03-1/4

(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 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 237'-00"

August 18, 2018

PRECISION MEASUREMENT
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BARGE "MM 118"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	14.26	0	201.40	0	435.35	0	681.61	0	928.55	0	1,175.99	0	1,423.44	0	1,670.89	0	1,918.34	0	2,165.72
1/4	17.80	1/4	205.82	1/4	440.50	1/4	686.73	1/4	933.70	1/4	1,181.15	1/4	1,428.60	1/4	1,676.05	1/4	1,923.50	1/4	2,170.87
1/2	21.35	1/2	210.24	1/2	445.66	1/2	691.84	1/2	938.86	1/2	1,186.31	1/2	1,433.75	1/2	1,681.20	1/2	1,928.65	1/2	2,176.03
3/4	24.89	3/4	214.66	3/4	450.81	3/4	696.96	3/4	944.01	3/4	1,191.46	3/4	1,438.91	3/4	1,686.36	3/4	1,933.80	3/4	2,181.18
1	28.43	1	219.09	1	455.97	1	702.08	1	949.17	1	1,196.62	1	1,444.07	1	1,691.51	1	1,938.95	1	2,186.33
1/4	32.70	1/4	223.60	1/4	461.12	1/4	707.20	1/4	954.32	1/4	1,201.77	1/4	1,449.22	1/4	1,696.67	1/4	1,944.11	1/4	2,191.49
1/2	36.96	1/2	228.11	1/2	466.28	1/2	712.32	1/2	959.48	1/2	1,206.93	1/2	1,454.38	1/2	1,701.83	1/2	1,949.26	1/2	2,196.64
3/4	41.22	3/4	232.62	3/4	471.43	3/4	717.44	3/4	964.63	3/4	1,212.08	3/4	1,459.53	3/4	1,706.98	3/4	1,954.41	3/4	2,201.80
2	45.48	2	237.13	2	476.58	2	722.56	2	969.79	2	1,217.24	2	1,464.69	2	1,712.14	2	1,959.57	2	2,206.95
1/4	49.02	1/4	241.74	1/4	481.74	1/4	727.68	1/4	974.94	1/4	1,222.39	1/4	1,469.84	1/4	1,717.29	1/4	1,964.72	1/4	2,212.10
1/2	52.56	1/2	246.35	1/2	486.89	1/2	732.81	1/2	980.10	1/2	1,227.55	1/2	1,475.00	1/2	1,722.45	1/2	1,969.87	1/2	2,217.26
3/4	56.11	3/4	250.96	3/4	492.05	3/4	737.93	3/4	985.25	3/4	1,232.70	3/4	1,480.15	3/4	1,727.60	3/4	1,975.03	3/4	2,222.41
3	59.65	3	255.57	3	497.20	3	743.05	3	990.41	3	1,237.86	3	1,485.31	3	1,732.76	3	1,980.18	3	2,227.56
1/4	63.29	1/4	260.27	1/4	502.35	1/4	748.18	1/4	995.56	1/4	1,243.01	1/4	1,490.46	1/4	1,737.91	1/4	1,985.34	1/4	2,232.72
1/2	66.94	1/2	264.97	1/2	507.50	1/2	753.32	1/2	1,000.72	1/2	1,248.17	1/2	1,495.62	1/2	1,743.07	1/2	1,990.49	1/2	2,237.87
3/4	70.58	3/4	269.66	3/4	512.65	3/4	758.45	3/4	1,005.87	3/4	1,253.32	3/4	1,500.77	3/4	1,748.22	3/4	1,995.64	3/4	2,243.03
4	74.22	4	274.36	4	517.79	4	763.58	4	1,011.03	4	1,258.48	4	1,505.93	4	1,753.38	4	2,000.80	4	2,248.18
1/4	77.96	1/4	279.14	1/4	522.92	1/4	768.73	1/4	1,016.18	1/4	1,263.63	1/4	1,511.08	1/4	1,758.53	1/4	2,005.95	1/4	2,253.33
1/2	81.70	1/2	283.93	1/2	528.04	1/2	773.89	1/2	1,021.34	1/2	1,268.79	1/2	1,516.24	1/2	1,763.69	1/2	2,011.10	1/2	2,258.49
3/4	85.43	3/4	288.71	3/4	533.16	3/4	779.04	3/4	1,026.49	3/4	1,273.94	3/4	1,521.39	3/4	1,768.84	3/4	2,016.26	3/4	2,263.64
5	89.17	5	293.50	5	538.29	5	784.20	5	1,031.65	5	1,279.10	5	1,526.55	5	1,774.00	5	2,021.41	5	2,268.79
1/4	92.93	1/4	298.37	1/4	543.41	1/4	789.35	1/4	1,036.80	1/4	1,284.25	1/4	1,531.70	1/4	1,779.15	1/4	2,026.57	1/4	2,273.95
1/2	96.68	1/2	303.24	1/2	548.53	1/2	794.51	1/2	1,041.96	1/2	1,289.41	1/2	1,536.86	1/2	1,784.31	1/2	2,031.72	1/2	2,279.10
3/4	100.44	3/4	308.11	3/4	553.65	3/4	799.67	3/4	1,047.11	3/4	1,294.56	3/4	1,542.01	3/4	1,789.46	3/4	2,036.87	3/4	2,284.26
6	104.20	6	312.98	6	558.78	6	804.82	6	1,052.27	6	1,299.72	6	1,547.17	6	1,794.62	6	2,042.03	6	2,289.41
1/4	107.84	1/4	317.94	1/4	563.89	1/4	809.98	1/4	1,057.43	1/4	1,304.87	1/4	1,552.32	1/4	1,799.77	1/4	2,047.18	1/4	2,294.56
1/2	111.48	1/2	322.90	1/2	569.01	1/2	815.13	1/2	1,062.58	1/2	1,310.03	1/2	1,557.48	1/2	1,804.93	1/2	2,052.34	1/2	2,299.72
3/4	115.12	3/4	327.86	3/4	574.13	3/4	820.29	3/4	1,067.74	3/4	1,315.19	3/4	1,562.63	3/4	1,810.08	3/4	2,057.49	3/4	2,304.87
7	118.76	7	332.81	7	579.25	7	825.44	7	1,072.89	7	1,320.34	7	1,567.79	7	1,815.24	7	2,062.64	7	2,310.03
1/4	122.56	1/4	337.86	1/4	584.37	1/4	830.60	1/4	1,078.05	1/4	1,325.50	1/4	1,572.95	1/4	1,820.39	1/4	2,067.80	1/4	2,315.18
1/2	126.35	1/2	342.91	1/2	589.48	1/2	835.75	1/2	1,083.20	1/2	1,330.65	1/2	1,578.10	1/2	1,825.55	1/2	2,072.95	1/2	2,320.33
3/4	130.15	3/4	347.95	3/4	594.60	3/4	840.91	3/4	1,088.36	3/4	1,335.81	3/4	1,583.26	3/4	1,830.71	3/4	2,078.10	3/4	2,325.49
8	133.95	8	353.00	8	599.72	8	846.06	8	1,093.51	8	1,340.96	8	1,588.41	8	1,835.86	8	2,083.26	8	2,330.64
1/4	138.03	1/4	358.12	1/4	604.84	1/4	851.22	1/4	1,098.67	1/4	1,346.12	1/4	1,593.57	1/4	1,841.02	1/4	2,088.41	1/4	2,335.79
1/2	142.12	1/2	363.24	1/2	609.96	1/2	856.37	1/2	1,103.82	1/2	1,351.27	1/2	1,598.72	1/2	1,846.17	1/2	2,093.57	1/2	2,340.95
3/4	146.20	3/4	368.36	3/4	615.07	3/4	861.53	3/4	1,108.98	3/4	1,356.43	3/4	1,603.88	3/4	1,851.33	3/4	2,098.72	3/4	2,346.10
9	150.29	9	373.49	9	620.19	9	866.68	9	1,114.13	9	1,361.58	9	1,609.03	9	1,856.48	9	2,103.87	9	2,351.26
1/4	154.46	1/4	378.64	1/4	625.31	1/4	871.84	1/4	1,119.29	1/4	1,366.74	1/4	1,614.19	1/4	1,861.64	1/4	2,109.03	1/4	2,356.41
1/2	158.63	1/2	383.80	1/2	630.43	1/2	876.99	1/2	1,124.44	1/2	1,371.89	1/2	1,619.34	1/2	1,866.79	1/2	2,114.18	1/2	2,361.56
3/4	162.81	3/4	388.95	3/4	635.55	3/4	882.15	3/4	1,129.60	3/4	1,377.05	3/4	1,624.50	3/4	1,871.95	3/4	2,119.33	3/4	2,366.72
10	166.98	10	394.11	10	640.66	10	887.30	10	1,134.75	10	1,382.20	10	1,629.65	10	1,877.10	10	2,124.49	10	2,371.87
1/4	171.24	1/4	399.26	1/4	645.78	1/4	892.46	1/4	1,139.91	1/4	1,387.36	1/4	1,634.81	1/4	1,882.26	1/4	2,129.64	1/4	2,377.02
1/2	175.50	1/2	404.42	1/2	650.90	1/2	897.61	1/2	1,145.06	1/2	1,392.51	1/2	1,639.96	1/2	1,887.41	1/2	2,134.80	1/2	2,382.18
3/4	179.76	3/4	409.57	3/4	656.02	3/4	902.77	3/4	1,150.22	3/4	1,397.67	3/4	1,645.12	3/4	1,892.57	3/4	2,139.95	3/4	2,387.33
11	184.02	11	414.73	11	661.14	11	907.92	11	1,155.37	11	1,402.82	11	1,650.27	11	1,897.72	11	2,145.10	11	2,392.49
1/4	188.37	1/4	419.88	1/4	666.25	1/4	913.08	1/4	1,160.53	1/4	1,407.98	1/4	1,655.43	1/4	1,902.88	1/4	2,150.26	1/4	2,397.64
1/2	192.71	1/2	425.04	1/2	671.37	1/2	918.23	1/2	1,165.68	1/2	1,413.13	1/2	1,660.58	1/2	1,908.03	1/2	2,155.41	1/2	2,402.79
3/4	197.06	3/4	430.19	3/4	676.49	3/4	923.39	3/4	1,170.84	3/4	1,418.29	3/4	1,665.74	3/4	1,913.19	3/4	2,160.56	3/4	2,407.95

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 1" DIAMETER CAP ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD
 GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

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BARGE "MM 118"

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	2,413.10	0	2,660.48	0	2,907.87	0	3,154.76	0	3,401.39	0		0		0		0		0	
1/4	2,418.25	1/4	2,665.64	1/4	2,913.02	1/4	3,159.90	1/4	3,406.41	1/4		1/4		1/4		1/4		1/4	
1/2	2,423.41	1/2	2,670.79	1/2	2,918.17	1/2	3,165.04	1/2	3,411.42	1/2		1/2		1/2		1/2		1/2	
3/4	2,428.56	3/4	2,675.95	3/4	2,923.33	3/4	3,170.18	3/4	3,416.43	3/4		3/4		3/4		3/4		3/4	
1	2,433.72	1	2,681.10	1	2,928.48	1	3,175.32	1	3,421.45	1		1		1		1		1	
1/4	2,438.87	1/4	2,686.25	1/4	2,933.64	1/4	3,180.46	1/4	3,425.92	1/4		1/4		1/4		1/4		1/4	
1/2	2,444.02	1/2	2,691.41	1/2	2,938.79	1/2	3,185.60	1/2	3,430.39	1/2		1/2		1/2		1/2		1/2	
3/4	2,449.18	3/4	2,696.56	3/4	2,943.94	3/4	3,190.73	3/4	3,434.87	3/4		3/4		3/4		3/4		3/4	
2	2,454.33	2	2,701.71	2	2,949.10	2	3,195.87	2	3,439.34	2		2		2		2		2	
1/4	2,459.49	1/4	2,706.87	1/4	2,954.25	1/4	3,201.01	1/4	3,442.90	1/4		1/4		1/4		1/4		1/4	
1/2	2,464.64	1/2	2,712.02	1/2	2,959.40	1/2	3,206.15	1/2	3,446.46	1/2		1/2		1/2		1/2		1/2	
3/4	2,469.79	3/4	2,717.18	3/4	2,964.56	3/4	3,211.29	3/4	3,450.02	3/4		3/4		3/4		3/4		3/4	
3	2,474.95	3	2,722.33	3	2,969.71	3	3,216.43	3	3,453.57	3		3		3		3		3	
1/4	2,480.10	1/4	2,727.48	1/4	2,974.86	1/4	3,221.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,485.25	1/2	2,732.64	1/2	2,980.01	1/2	3,226.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,490.41	3/4	2,737.79	3/4	2,985.15	3/4	3,231.85	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,495.56	4	2,742.94	4	2,990.30	4	3,236.99	4		4		4		4		4		4	
1/4	2,500.72	1/4	2,748.10	1/4	2,995.44	1/4	3,242.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,505.87	1/2	2,753.25	1/2	3,000.58	1/2	3,247.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,511.02	3/4	2,758.41	3/4	3,005.72	3/4	3,252.41	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,516.18	5	2,763.56	5	3,010.86	5	3,257.55	5		5		5		5		5		5	
1/4	2,521.33	1/4	2,768.71	1/4	3,016.00	1/4	3,262.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,526.48	1/2	2,773.87	1/2	3,021.14	1/2	3,267.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,531.64	3/4	2,779.02	3/4	3,026.28	3/4	3,272.96	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,536.79	6	2,784.17	6	3,031.42	6	3,278.10	6		6		6		6		6		6	
1/4	2,541.95	1/4	2,789.33	1/4	3,036.56	1/4	3,283.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,547.10	1/2	2,794.48	1/2	3,041.70	1/2	3,288.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,552.25	3/4	2,799.64	3/4	3,046.83	3/4	3,293.52	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,557.41	7	2,804.79	7	3,051.97	7	3,298.66	7		7		7		7		7		7	
1/4	2,562.56	1/4	2,809.94	1/4	3,057.11	1/4	3,303.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,567.72	1/2	2,815.10	1/2	3,062.25	1/2	3,308.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,572.87	3/4	2,820.25	3/4	3,067.39	3/4	3,314.08	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,578.02	8	2,825.41	8	3,072.53	8	3,319.22	8		8		8		8		8		8	
1/4	2,583.18	1/4	2,830.56	1/4	3,077.67	1/4	3,324.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,588.33	1/2	2,835.71	1/2	3,082.81	1/2	3,329.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,593.48	3/4	2,840.87	3/4	3,087.95	3/4	3,334.64	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,598.64	9	2,846.02	9	3,093.09	9	3,339.77	9		9		9		9		9		9	
1/4	2,603.79	1/4	2,851.17	1/4	3,098.23	1/4	3,344.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,608.95	1/2	2,856.33	1/2	3,103.37	1/2	3,350.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,614.10	3/4	2,861.48	3/4	3,108.51	3/4	3,355.19	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,619.25	10	2,866.64	10	3,113.65	10	3,360.33	10		10		10		10		10		10	
1/4	2,624.41	1/4	2,871.79	1/4	3,118.78	1/4	3,365.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,629.56	1/2	2,876.94	1/2	3,123.92	1/2	3,370.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,634.71	3/4	2,882.10	3/4	3,129.06	3/4	3,375.74	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,639.87	11	2,887.25	11	3,134.20	11	3,380.88	11		11		11		11		11		11	
1/4	2,645.02	1/4	2,892.40	1/4	3,139.34	1/4	3,386.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,650.18	1/2	2,897.56	1/2	3,144.48	1/2	3,391.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,655.33	3/4	2,902.71	3/4	3,149.62	3/4	3,396.26	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/16/2018 CL
CALCULATED: 08/17/2018 CL
PRINTED: 08/18/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

PRECISION MEASUREMENT
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BARGE "MM 118"

1 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	12.64	0	195.95	0	435.26	0	682.26	0	929.47	0	1,176.87	0	1,424.27	0	1,671.67	0	1,919.08	0	2,166.43
1/4	14.59	1/4	200.54	1/4	440.41	1/4	687.40	1/4	934.62	1/4	1,182.03	1/4	1,429.43	1/4	1,676.83	1/4	1,924.23	1/4	2,171.58
1/2	16.54	1/2	205.14	1/2	445.57	1/2	692.54	1/2	939.78	1/2	1,187.18	1/2	1,434.58	1/2	1,681.98	1/2	1,929.39	1/2	2,176.73
3/4	18.49	3/4	209.73	3/4	450.72	3/4	697.68	3/4	944.93	3/4	1,192.33	3/4	1,439.74	3/4	1,687.14	3/4	1,934.55	3/4	2,181.88
1	20.44	1	214.33	1	455.87	1	702.81	1	950.09	1	1,197.49	1	1,444.89	1	1,692.29	1	1,939.70	1	2,187.04
1/4	23.60	1/4	219.01	1/4	461.03	1/4	707.95	1/4	955.24	1/4	1,202.64	1/4	1,450.04	1/4	1,697.45	1/4	1,944.86	1/4	2,192.19
1/2	26.76	1/2	223.70	1/2	466.18	1/2	713.09	1/2	960.39	1/2	1,207.80	1/2	1,455.20	1/2	1,702.60	1/2	1,950.01	1/2	2,197.34
3/4	29.92	3/4	228.38	3/4	471.34	3/4	718.23	3/4	965.55	3/4	1,212.95	3/4	1,460.35	3/4	1,707.75	3/4	1,955.16	3/4	2,202.50
2	33.08	2	233.07	2	476.49	2	723.37	2	970.70	2	1,218.10	2	1,465.51	2	1,712.91	2	1,960.31	2	2,207.65
1/4	36.79	1/4	237.85	1/4	481.64	1/4	728.52	1/4	975.86	1/4	1,223.26	1/4	1,470.66	1/4	1,718.06	1/4	1,965.47	1/4	2,212.80
1/2	40.51	1/2	242.63	1/2	486.80	1/2	733.66	1/2	981.01	1/2	1,228.41	1/2	1,475.81	1/2	1,723.22	1/2	1,970.62	1/2	2,217.95
3/4	44.23	3/4	247.42	3/4	491.95	3/4	738.81	3/4	986.17	3/4	1,233.57	3/4	1,480.97	3/4	1,728.37	3/4	1,975.77	3/4	2,223.11
3	47.94	3	252.20	3	497.11	3	743.95	3	991.32	3	1,238.72	3	1,486.12	3	1,733.52	3	1,980.93	3	2,228.26
1/4	51.76	1/4	257.07	1/4	502.26	1/4	749.10	1/4	996.47	1/4	1,243.88	1/4	1,491.28	1/4	1,738.68	1/4	1,986.08	1/4	2,233.41
1/2	55.58	1/2	261.94	1/2	507.41	1/2	754.24	1/2	1,001.63	1/2	1,249.03	1/2	1,496.43	1/2	1,743.83	1/2	1,991.23	1/2	2,238.57
3/4	59.39	3/4	266.81	3/4	512.57	3/4	759.39	3/4	1,006.78	3/4	1,254.18	3/4	1,501.59	3/4	1,748.99	3/4	1,996.38	3/4	2,243.72
4	63.21	4	271.68	4	517.72	4	764.54	4	1,011.94	4	1,259.34	4	1,506.74	4	1,754.14	4	2,001.54	4	2,248.87
1/4	67.12	1/4	276.64	1/4	522.88	1/4	769.69	1/4	1,017.09	1/4	1,264.49	1/4	1,511.89	1/4	1,759.30	1/4	2,006.69	1/4	2,254.02
1/2	71.03	1/2	281.60	1/2	528.03	1/2	774.84	1/2	1,022.25	1/2	1,269.65	1/2	1,517.05	1/2	1,764.45	1/2	2,011.84	1/2	2,259.18
3/4	74.94	3/4	286.56	3/4	533.18	3/4	780.00	3/4	1,027.40	3/4	1,274.80	3/4	1,522.20	3/4	1,769.60	3/4	2,016.99	3/4	2,264.33
5	78.85	5	291.51	5	538.34	5	785.15	5	1,032.55	5	1,279.96	5	1,527.36	5	1,774.76	5	2,022.15	5	2,269.48
1/4	82.78	1/4	296.56	1/4	543.49	1/4	790.31	1/4	1,037.71	1/4	1,285.11	1/4	1,532.51	1/4	1,779.91	1/4	2,027.30	1/4	2,274.63
1/2	86.71	1/2	301.60	1/2	548.64	1/2	795.46	1/2	1,042.86	1/2	1,290.26	1/2	1,537.67	1/2	1,785.07	1/2	2,032.45	1/2	2,279.79
3/4	90.64	3/4	306.65	3/4	553.79	3/4	800.61	3/4	1,048.02	3/4	1,295.42	3/4	1,542.82	3/4	1,790.22	3/4	2,037.61	3/4	2,284.94
6	94.57	6	311.69	6	558.94	6	805.77	6	1,053.17	6	1,300.57	6	1,547.97	6	1,795.38	6	2,042.76	6	2,290.09
1/4	98.39	1/4	316.81	1/4	564.08	1/4	810.92	1/4	1,058.32	1/4	1,305.73	1/4	1,553.13	1/4	1,800.53	1/4	2,047.91	1/4	2,295.25
1/2	102.20	1/2	321.94	1/2	569.22	1/2	816.08	1/2	1,063.48	1/2	1,310.88	1/2	1,558.28	1/2	1,805.68	1/2	2,053.06	1/2	2,300.40
3/4	106.02	3/4	327.06	3/4	574.35	3/4	821.23	3/4	1,068.63	3/4	1,316.03	3/4	1,563.44	3/4	1,810.84	3/4	2,058.22	3/4	2,305.55
7	109.83	7	332.18	7	579.49	7	826.39	7	1,073.79	7	1,321.19	7	1,568.59	7	1,815.99	7	2,063.37	7	2,310.70
1/4	113.80	1/4	337.33	1/4	584.63	1/4	831.54	1/4	1,078.94	1/4	1,326.34	1/4	1,573.74	1/4	1,821.15	1/4	2,068.52	1/4	2,315.86
1/2	117.77	1/2	342.49	1/2	589.77	1/2	836.69	1/2	1,084.10	1/2	1,331.50	1/2	1,578.90	1/2	1,826.30	1/2	2,073.68	1/2	2,321.01
3/4	121.74	3/4	347.64	3/4	594.91	3/4	841.85	3/4	1,089.25	3/4	1,336.65	3/4	1,584.05	3/4	1,831.45	3/4	2,078.83	3/4	2,326.16
8	125.71	8	352.79	8	600.05	8	847.00	8	1,094.40	8	1,341.81	8	1,589.21	8	1,836.61	8	2,083.98	8	2,331.32
1/4	129.97	1/4	357.95	1/4	605.19	1/4	852.16	1/4	1,099.56	1/4	1,346.96	1/4	1,594.36	1/4	1,841.76	1/4	2,089.13	1/4	2,336.47
1/2	134.23	1/2	363.10	1/2	610.32	1/2	857.31	1/2	1,104.71	1/2	1,352.11	1/2	1,599.52	1/2	1,846.92	1/2	2,094.29	1/2	2,341.62
3/4	138.49	3/4	368.26	3/4	615.46	3/4	862.46	3/4	1,109.87	3/4	1,357.27	3/4	1,604.67	3/4	1,852.07	3/4	2,099.44	3/4	2,346.77
9	142.75	9	373.41	9	620.60	9	867.62	9	1,115.02	9	1,362.42	9	1,609.82	9	1,857.23	9	2,104.59	9	2,351.93
1/4	147.10	1/4	378.56	1/4	625.74	1/4	872.77	1/4	1,120.17	1/4	1,367.58	1/4	1,614.98	1/4	1,862.38	1/4	2,109.75	1/4	2,357.08
1/2	151.44	1/2	383.72	1/2	630.88	1/2	877.93	1/2	1,125.33	1/2	1,372.73	1/2	1,620.13	1/2	1,867.53	1/2	2,114.90	1/2	2,362.23
3/4	155.79	3/4	388.87	3/4	636.02	3/4	883.08	3/4	1,130.48	3/4	1,377.88	3/4	1,625.29	3/4	1,872.69	3/4	2,120.05	3/4	2,367.39
10	160.14	10	394.03	10	641.15	10	888.24	10	1,135.64	10	1,383.04	10	1,630.44	10	1,877.84	10	2,125.20	10	2,372.54
1/4	164.57	1/4	399.18	1/4	646.29	1/4	893.39	1/4	1,140.79	1/4	1,388.19	1/4	1,635.59	1/4	1,883.00	1/4	2,130.36	1/4	2,377.69
1/2	169.01	1/2	404.33	1/2	651.43	1/2	898.54	1/2	1,145.95	1/2	1,393.35	1/2	1,640.75	1/2	1,888.15	1/2	2,135.51	1/2	2,382.84
3/4	173.44	3/4	409.49	3/4	656.57	3/4	903.70	3/4	1,151.10	3/4	1,398.50	3/4	1,645.90	3/4	1,893.30	3/4	2,140.66	3/4	2,388.00
11	177.87	11	414.64	11	661.71	11	908.85	11	1,156.25	11	1,403.66	11	1,651.06	11	1,898.46	11	2,145.81	11	2,393.15
1/4	182.39	1/4	419.80	1/4	666.85	1/4	914.01	1/4	1,161.41	1/4	1,408.81	1/4	1,656.21	1/4	1,903.61	1/4	2,150.97	1/4	2,398.30
1/2	186.91	1/2	424.95	1/2	671.98	1/2	919.16	1/2	1,166.56	1/2	1,413.96	1/2	1,661.37	1/2	1,908.77	1/2	2,156.12	1/2	2,403.45
3/4	191.43	3/4	430.10	3/4	677.12	3/4	924.32	3/4	1,171.72	3/4	1,419.12	3/4	1,666.52	3/4	1,913.92	3/4	2,161.27	3/4	2,408.61

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 1" DIAMETER CAP ON "HERMETIC" VALVE
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD
GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

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



BARGE "MM 118"

1 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	2,413.76	0	2,661.09	0	2,908.43	0	3,155.30	0	3,401.88	0		0		0		0		0	
1/4	2,418.91	1/4	2,666.25	1/4	2,913.58	1/4	3,160.44	1/4	3,406.90	1/4		1/4		1/4		1/4		1/4	
1/2	2,424.07	1/2	2,671.40	1/2	2,918.73	1/2	3,165.58	1/2	3,411.91	1/2		1/2		1/2		1/2		1/2	
3/4	2,429.22	3/4	2,676.55	3/4	2,923.89	3/4	3,170.71	3/4	3,416.92	3/4		3/4		3/4		3/4		3/4	
1	2,434.37	1	2,681.71	1	2,929.04	1	3,175.85	1	3,421.93	1		1		1		1		1	
1/4	2,439.52	1/4	2,686.86	1/4	2,934.19	1/4	3,180.99	1/4	3,426.41	1/4		1/4		1/4		1/4		1/4	
1/2	2,444.68	1/2	2,692.01	1/2	2,939.35	1/2	3,186.13	1/2	3,430.88	1/2		1/2		1/2		1/2		1/2	
3/4	2,449.83	3/4	2,697.16	3/4	2,944.50	3/4	3,191.27	3/4	3,435.35	3/4		3/4		3/4		3/4		3/4	
2	2,454.98	2	2,702.32	2	2,949.65	2	3,196.41	2	3,439.83	2		2		2		2		2	
1/4	2,460.14	1/4	2,707.47	1/4	2,954.80	1/4	3,201.54	1/4	3,443.38	1/4		1/4		1/4		1/4		1/4	
1/2	2,465.29	1/2	2,712.62	1/2	2,959.96	1/2	3,206.68	1/2	3,446.94	1/2		1/2		1/2		1/2		1/2	
3/4	2,470.44	3/4	2,717.78	3/4	2,965.11	3/4	3,211.82	3/4	3,450.50	3/4		3/4		3/4		3/4		3/4	
3	2,475.59	3	2,722.93	3	2,970.26	3	3,216.96	3	3,454.06	3		3		3		3		3	
1/4	2,480.75	1/4	2,728.08	1/4	2,975.41	1/4	3,222.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,485.90	1/2	2,733.23	1/2	2,980.57	1/2	3,227.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,491.05	3/4	2,738.39	3/4	2,985.72	3/4	3,232.37	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,496.21	4	2,743.54	4	2,990.87	4	3,237.51	4		4		4		4		4		4	
1/4	2,501.36	1/4	2,748.69	1/4	2,996.01	1/4	3,242.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,506.51	1/2	2,753.85	1/2	3,001.15	1/2	3,247.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,511.66	3/4	2,759.00	3/4	3,006.28	3/4	3,252.93	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,516.82	5	2,764.15	5	3,011.42	5	3,258.07	5		5		5		5		5		5	
1/4	2,521.97	1/4	2,769.30	1/4	3,016.56	1/4	3,263.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,527.12	1/2	2,774.46	1/2	3,021.70	1/2	3,268.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,532.27	3/4	2,779.61	3/4	3,026.84	3/4	3,273.48	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,537.43	6	2,784.76	6	3,031.98	6	3,278.62	6		6		6		6		6		6	
1/4	2,542.58	1/4	2,789.91	1/4	3,037.12	1/4	3,283.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,547.73	1/2	2,795.07	1/2	3,042.25	1/2	3,288.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,552.89	3/4	2,800.22	3/4	3,047.39	3/4	3,294.04	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,558.04	7	2,805.37	7	3,052.53	7	3,299.17	7		7		7		7		7		7	
1/4	2,563.19	1/4	2,810.53	1/4	3,057.67	1/4	3,304.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,568.34	1/2	2,815.68	1/2	3,062.81	1/2	3,309.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,573.50	3/4	2,820.83	3/4	3,067.95	3/4	3,314.59	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,578.65	8	2,825.98	8	3,073.08	8	3,319.73	8		8		8		8		8		8	
1/4	2,583.80	1/4	2,831.14	1/4	3,078.22	1/4	3,324.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,588.96	1/2	2,836.29	1/2	3,083.36	1/2	3,330.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,594.11	3/4	2,841.44	3/4	3,088.50	3/4	3,335.14	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,599.26	9	2,846.60	9	3,093.64	9	3,340.28	9		9		9		9		9		9	
1/4	2,604.41	1/4	2,851.75	1/4	3,098.78	1/4	3,345.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,609.57	1/2	2,856.90	1/2	3,103.91	1/2	3,350.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,614.72	3/4	2,862.05	3/4	3,109.05	3/4	3,355.69	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,619.87	10	2,867.21	10	3,114.19	10	3,360.83	10		10		10		10		10		10	
1/4	2,625.03	1/4	2,872.36	1/4	3,119.33	1/4	3,365.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,630.18	1/2	2,877.51	1/2	3,124.47	1/2	3,371.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,635.33	3/4	2,882.67	3/4	3,129.61	3/4	3,376.24	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,640.48	11	2,887.82	11	3,134.74	11	3,381.38	11		11		11		11		11		11	
1/4	2,645.64	1/4	2,892.97	1/4	3,139.88	1/4	3,386.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,650.79	1/2	2,898.12	1/2	3,145.02	1/2	3,391.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,655.94	3/4	2,903.28	3/4	3,150.16	3/4	3,396.76	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/16/2018 CL
CALCULATED: 08/17/2018 CL
PRINTED: 08/18/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

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



BARGE "MM 118"

2 PORT 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	15.81	0	279.87	0	555.50	0	822.48	0	1,094.27	0	1,370.00	0	1,645.73	0	1,921.46	0	2,197.19	0	2,472.85
1/4	19.75	1/4	285.60	1/4	561.24	1/4	827.96	1/4	1,100.01	1/4	1,375.75	1/4	1,651.48	1/4	1,927.21	1/4	2,202.94	1/4	2,478.59
1/2	23.70	1/2	291.33	1/2	566.98	1/2	833.44	1/2	1,105.76	1/2	1,381.49	1/2	1,657.22	1/2	1,932.95	1/2	2,208.68	1/2	2,484.33
3/4	27.65	3/4	297.06	3/4	572.73	3/4	838.92	3/4	1,111.50	3/4	1,387.23	3/4	1,662.97	3/4	1,938.70	3/4	2,214.42	3/4	2,490.08
1	31.60	1	302.79	1	578.47	1	844.40	1	1,117.25	1	1,392.98	1	1,668.71	1	1,944.44	1	2,220.17	1	2,495.82
1/4	36.80	1/4	308.53	1/4	584.22	1/4	849.88	1/4	1,122.99	1/4	1,398.72	1/4	1,674.45	1/4	1,950.19	1/4	2,225.91	1/4	2,501.56
1/2	42.00	1/2	314.26	1/2	589.96	1/2	855.36	1/2	1,128.74	1/2	1,404.47	1/2	1,680.20	1/2	1,955.93	1/2	2,231.65	1/2	2,507.31
3/4	47.20	3/4	319.99	3/4	595.71	3/4	860.84	3/4	1,134.48	3/4	1,410.21	3/4	1,685.94	3/4	1,961.67	3/4	2,237.39	3/4	2,513.05
2	52.39	2	325.73	2	601.45	2	866.32	2	1,140.23	2	1,415.96	2	1,691.69	2	1,967.42	2	2,243.14	2	2,518.79
1/4	58.12	1/4	331.47	1/4	607.19	1/4	871.80	1/4	1,145.97	1/4	1,421.70	1/4	1,697.43	1/4	1,973.16	1/4	2,248.88	1/4	2,524.53
1/2	63.84	1/2	337.22	1/2	612.94	1/2	877.29	1/2	1,151.71	1/2	1,427.45	1/2	1,703.18	1/2	1,978.91	1/2	2,254.62	1/2	2,530.28
3/4	69.56	3/4	342.96	3/4	618.68	3/4	882.77	3/4	1,157.46	3/4	1,433.19	3/4	1,708.92	3/4	1,984.65	3/4	2,260.36	3/4	2,536.02
3	75.28	3	348.71	3	624.43	3	888.25	3	1,163.20	3	1,438.93	3	1,714.67	3	1,990.40	3	2,266.11	3	2,541.76
1/4	81.02	1/4	354.45	1/4	630.10	1/4	893.80	1/4	1,168.95	1/4	1,444.68	1/4	1,720.41	1/4	1,996.14	1/4	2,271.85	1/4	2,547.50
1/2	86.76	1/2	360.19	1/2	635.78	1/2	899.35	1/2	1,174.69	1/2	1,450.42	1/2	1,726.15	1/2	2,001.89	1/2	2,277.59	1/2	2,553.25
3/4	92.49	3/4	365.94	3/4	641.46	3/4	904.90	3/4	1,180.44	3/4	1,456.17	3/4	1,731.90	3/4	2,007.63	3/4	2,283.34	3/4	2,558.99
4	98.23	4	371.68	4	647.14	4	910.45	4	1,186.18	4	1,461.91	4	1,737.64	4	2,013.37	4	2,289.08	4	2,564.73
1/4	103.98	1/4	377.43	1/4	652.62	1/4	916.19	1/4	1,191.92	1/4	1,467.66	1/4	1,743.39	1/4	2,019.12	1/4	2,294.82	1/4	2,570.48
1/2	109.72	1/2	383.17	1/2	658.11	1/2	921.94	1/2	1,197.67	1/2	1,473.40	1/2	1,749.13	1/2	2,024.86	1/2	2,300.56	1/2	2,576.22
3/4	115.46	3/4	388.91	3/4	663.59	3/4	927.68	3/4	1,203.41	3/4	1,479.14	3/4	1,754.88	3/4	2,030.61	3/4	2,306.31	3/4	2,581.96
5	121.21	5	394.66	5	669.07	5	933.43	5	1,209.16	5	1,484.89	5	1,760.62	5	2,036.35	5	2,312.05	5	2,587.70
1/4	126.88	1/4	400.40	1/4	674.56	1/4	939.17	1/4	1,214.90	1/4	1,490.63	1/4	1,766.36	1/4	2,042.10	1/4	2,317.79	1/4	2,593.45
1/2	132.56	1/2	406.15	1/2	680.04	1/2	944.92	1/2	1,220.65	1/2	1,496.38	1/2	1,772.11	1/2	2,047.84	1/2	2,323.54	1/2	2,599.19
3/4	138.24	3/4	411.89	3/4	685.52	3/4	950.66	3/4	1,226.39	3/4	1,502.12	3/4	1,777.85	3/4	2,053.58	3/4	2,329.28	3/4	2,604.93
6	143.91	6	417.64	6	691.00	6	956.40	6	1,232.14	6	1,507.87	6	1,783.60	6	2,059.33	6	2,335.02	6	2,610.68
1/4	149.39	1/4	423.38	1/4	696.48	1/4	962.15	1/4	1,237.88	1/4	1,513.61	1/4	1,789.34	1/4	2,065.07	1/4	2,340.76	1/4	2,616.42
1/2	154.86	1/2	429.12	1/2	701.96	1/2	967.89	1/2	1,243.62	1/2	1,519.36	1/2	1,795.09	1/2	2,070.82	1/2	2,346.51	1/2	2,622.16
3/4	160.34	3/4	434.87	3/4	707.44	3/4	973.64	3/4	1,249.37	3/4	1,525.10	3/4	1,800.83	3/4	2,076.56	3/4	2,352.25	3/4	2,627.90
7	165.81	7	440.61	7	712.92	7	979.38	7	1,255.11	7	1,530.84	7	1,806.58	7	2,082.31	7	2,357.99	7	2,633.65
1/4	171.35	1/4	446.36	1/4	718.40	1/4	985.13	1/4	1,260.86	1/4	1,536.59	1/4	1,812.32	1/4	2,088.05	1/4	2,363.74	1/4	2,639.39
1/2	176.89	1/2	452.10	1/2	723.87	1/2	990.87	1/2	1,266.60	1/2	1,542.33	1/2	1,818.06	1/2	2,093.80	1/2	2,369.48	1/2	2,645.13
3/4	182.43	3/4	457.84	3/4	729.35	3/4	996.61	3/4	1,272.35	3/4	1,548.08	3/4	1,823.81	3/4	2,099.54	3/4	2,375.22	3/4	2,650.88
8	187.98	8	463.59	8	734.83	8	1,002.36	8	1,278.09	8	1,553.82	8	1,829.55	8	2,105.28	8	2,380.96	8	2,656.62
1/4	193.72	1/4	469.33	1/4	740.31	1/4	1,008.10	1/4	1,283.84	1/4	1,559.57	1/4	1,835.30	1/4	2,111.03	1/4	2,386.71	1/4	2,662.36
1/2	199.46	1/2	475.08	1/2	745.79	1/2	1,013.85	1/2	1,289.58	1/2	1,565.31	1/2	1,841.04	1/2	2,116.77	1/2	2,392.45	1/2	2,668.10
3/4	205.21	3/4	480.82	3/4	751.27	3/4	1,019.59	3/4	1,295.32	3/4	1,571.06	3/4	1,846.79	3/4	2,122.52	3/4	2,398.19	3/4	2,673.85
9	210.95	9	486.57	9	756.74	9	1,025.34	9	1,301.07	9	1,576.80	9	1,852.53	9	2,128.26	9	2,403.93	9	2,679.59
1/4	216.70	1/4	492.31	1/4	762.22	1/4	1,031.08	1/4	1,306.81	1/4	1,582.54	1/4	1,858.28	1/4	2,134.01	1/4	2,409.68	1/4	2,685.33
1/2	222.44	1/2	498.05	1/2	767.70	1/2	1,036.83	1/2	1,312.56	1/2	1,588.29	1/2	1,864.02	1/2	2,139.75	1/2	2,415.42	1/2	2,691.07
3/4	228.19	3/4	503.80	3/4	773.18	3/4	1,042.57	3/4	1,318.30	3/4	1,594.03	3/4	1,869.76	3/4	2,145.50	3/4	2,421.16	3/4	2,696.82
10	233.93	10	509.54	10	778.66	10	1,048.31	10	1,324.05	10	1,599.78	10	1,875.51	10	2,151.24	10	2,426.91	10	2,702.56
1/4	239.67	1/4	515.29	1/4	784.14	1/4	1,054.06	1/4	1,329.79	1/4	1,605.52	1/4	1,881.25	1/4	2,156.98	1/4	2,432.65	1/4	2,708.30
1/2	245.42	1/2	521.03	1/2	789.61	1/2	1,059.80	1/2	1,335.53	1/2	1,611.27	1/2	1,887.00	1/2	2,162.73	1/2	2,438.39	1/2	2,714.05
3/4	251.16	3/4	526.78	3/4	795.09	3/4	1,065.55	3/4	1,341.28	3/4	1,617.01	3/4	1,892.74	3/4	2,168.47	3/4	2,444.13	3/4	2,719.79
11	256.91	11	532.52	11	800.57	11	1,071.29	11	1,347.02	11	1,622.75	11	1,898.49	11	2,174.22	11	2,449.88	11	2,725.53
1/4	262.65	1/4	538.26	1/4	806.05	1/4	1,077.04	1/4	1,352.77	1/4	1,628.50	1/4	1,904.23	1/4	2,179.96	1/4	2,455.62	1/4	2,731.27
1/2	268.39	1/2	544.01	1/2	811.53	1/2	1,082.78	1/2	1,358.51	1/2	1,634.24	1/2	1,909.97	1/2	2,185.71	1/2	2,461.36	1/2	2,737.02
3/4	274.13	3/4	549.75	3/4	817.01	3/4	1,088.53	3/4	1,364.26	3/4	1,639.99	3/4	1,915.72	3/4	2,191.45	3/4	2,467.11	3/4	2,742.76

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 1" DIAMETER CAP ON "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD

GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 37'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MM 118"

2 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	2,748.50	0	3,024.16	0	3,299.81	0	3,574.93	0	3,849.74	0		0		0		0		0	
1/4	2,754.25	1/4	3,029.90	1/4	3,305.55	1/4	3,580.65	1/4	3,855.32	1/4		1/4		1/4		1/4		1/4	
1/2	2,759.99	1/2	3,035.64	1/2	3,311.30	1/2	3,586.38	1/2	3,860.91	1/2		1/2		1/2		1/2		1/2	
3/4	2,765.73	3/4	3,041.39	3/4	3,317.04	3/4	3,592.11	3/4	3,866.50	3/4		3/4		3/4		3/4		3/4	
1	2,771.47	1	3,047.13	1	3,322.78	1	3,597.83	1	3,872.08	1		1		1		1		1	
1/4	2,777.22	1/4	3,052.87	1/4	3,328.53	1/4	3,603.56	1/4	3,877.07	1/4		1/4		1/4		1/4		1/4	
1/2	2,782.96	1/2	3,058.61	1/2	3,334.27	1/2	3,609.29	1/2	3,882.05	1/2		1/2		1/2		1/2		1/2	
3/4	2,788.70	3/4	3,064.36	3/4	3,340.01	3/4	3,615.01	3/4	3,887.04	3/4		3/4		3/4		3/4		3/4	
2	2,794.45	2	3,070.10	2	3,345.75	2	3,620.74	2	3,892.02	2		2		2		2		2	
1/4	2,800.19	1/4	3,075.84	1/4	3,351.50	1/4	3,626.47	1/4	3,895.99	1/4		1/4		1/4		1/4		1/4	
1/2	2,805.93	1/2	3,081.59	1/2	3,357.24	1/2	3,632.19	1/2	3,899.95	1/2		1/2		1/2		1/2		1/2	
3/4	2,811.67	3/4	3,087.33	3/4	3,362.98	3/4	3,637.92	3/4	3,903.92	3/4		3/4		3/4		3/4		3/4	
3	2,817.42	3	3,093.07	3	3,368.73	3	3,643.65	3	3,907.88	3		3		3		3		3	
1/4	2,823.16	1/4	3,098.81	1/4	3,374.46	1/4	3,649.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,828.90	1/2	3,104.56	1/2	3,380.20	1/2	3,655.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,834.64	3/4	3,110.30	3/4	3,385.94	3/4	3,660.83	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,840.39	4	3,116.04	4	3,391.68	4	3,666.55	4		4		4		4		4		4	
1/4	2,846.13	1/4	3,121.78	1/4	3,397.41	1/4	3,672.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,851.87	1/2	3,127.53	1/2	3,403.13	1/2	3,678.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,857.62	3/4	3,133.27	3/4	3,408.86	3/4	3,683.73	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,863.36	5	3,139.01	5	3,414.59	5	3,689.46	5		5		5		5		5		5	
1/4	2,869.10	1/4	3,144.76	1/4	3,420.31	1/4	3,695.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,874.84	1/2	3,150.50	1/2	3,426.04	1/2	3,700.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,880.59	3/4	3,156.24	3/4	3,431.77	3/4	3,706.64	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,886.33	6	3,161.98	6	3,437.49	6	3,712.36	6		6		6		6		6		6	
1/4	2,892.07	1/4	3,167.73	1/4	3,443.22	1/4	3,718.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,897.82	1/2	3,173.47	1/2	3,448.94	1/2	3,723.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,903.56	3/4	3,179.21	3/4	3,454.67	3/4	3,729.54	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,909.30	7	3,184.96	7	3,460.40	7	3,735.27	7		7		7		7		7		7	
1/4	2,915.04	1/4	3,190.70	1/4	3,466.12	1/4	3,741.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,920.79	1/2	3,196.44	1/2	3,471.85	1/2	3,746.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,926.53	3/4	3,202.18	3/4	3,477.58	3/4	3,752.45	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,932.27	8	3,207.93	8	3,483.30	8	3,758.18	8		8		8		8		8		8	
1/4	2,938.02	1/4	3,213.67	1/4	3,489.03	1/4	3,763.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,943.76	1/2	3,219.41	1/2	3,494.76	1/2	3,769.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,949.50	3/4	3,225.16	3/4	3,500.48	3/4	3,775.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,955.24	9	3,230.90	9	3,506.21	9	3,781.08	9		9		9		9		9		9	
1/4	2,960.99	1/4	3,236.64	1/4	3,511.94	1/4	3,786.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,966.73	1/2	3,242.38	1/2	3,517.66	1/2	3,792.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,972.47	3/4	3,248.13	3/4	3,523.39	3/4	3,798.26	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,978.21	10	3,253.87	10	3,529.12	10	3,803.99	10		10		10		10		10		10	
1/4	2,983.96	1/4	3,259.61	1/4	3,534.84	1/4	3,809.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,989.70	1/2	3,265.35	1/2	3,540.57	1/2	3,815.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,995.44	3/4	3,271.10	3/4	3,546.30	3/4	3,821.16	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,001.19	11	3,276.84	11	3,552.02	11	3,826.88	11		11		11		11		11		11	
1/4	3,006.93	1/4	3,282.58	1/4	3,557.75	1/4	3,832.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,012.67	1/2	3,288.33	1/2	3,563.47	1/2	3,838.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,018.41	3/4	3,294.07	3/4	3,569.20	3/4	3,844.02	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/16/2018 CL
CALCULATED: 08/17/2018 CL
PRINTED: 08/18/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "MM 118"

2 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	15.81	0	280.00	0	555.76	0	831.22	0	1,106.88	0	1,382.75	0	1,658.61	0	1,934.47	0	2,210.33	0	2,486.12
1/4	19.76	1/4	285.74	1/4	561.51	1/4	836.95	1/4	1,112.63	1/4	1,388.49	1/4	1,664.35	1/4	1,940.21	1/4	2,216.07	1/4	2,491.86
1/2	23.71	1/2	291.47	1/2	567.25	1/2	842.68	1/2	1,118.38	1/2	1,394.24	1/2	1,670.10	1/2	1,945.96	1/2	2,221.82	1/2	2,497.61
3/4	27.67	3/4	297.20	3/4	573.00	3/4	848.41	3/4	1,124.13	3/4	1,399.99	3/4	1,675.85	3/4	1,951.71	3/4	2,227.57	3/4	2,503.35
1	31.62	1	302.94	1	578.75	1	854.14	1	1,129.87	1	1,405.73	1	1,681.59	1	1,957.46	1	2,233.31	1	2,509.10
1/4	36.82	1/4	308.67	1/4	584.49	1/4	859.87	1/4	1,135.62	1/4	1,411.48	1/4	1,687.34	1/4	1,963.20	1/4	2,239.06	1/4	2,514.84
1/2	42.02	1/2	314.41	1/2	590.24	1/2	865.61	1/2	1,141.37	1/2	1,417.23	1/2	1,693.09	1/2	1,968.95	1/2	2,244.81	1/2	2,520.59
3/4	47.22	3/4	320.15	3/4	595.99	3/4	871.34	3/4	1,147.11	3/4	1,422.97	3/4	1,698.84	3/4	1,974.70	3/4	2,250.55	3/4	2,526.33
2	52.42	2	325.88	2	601.73	2	877.07	2	1,152.86	2	1,428.72	2	1,704.58	2	1,980.44	2	2,256.30	2	2,532.08
1/4	58.14	1/4	331.63	1/4	607.48	1/4	882.81	1/4	1,158.61	1/4	1,434.47	1/4	1,710.33	1/4	1,986.19	1/4	2,262.04	1/4	2,537.83
1/2	63.87	1/2	337.38	1/2	613.23	1/2	888.55	1/2	1,164.36	1/2	1,440.22	1/2	1,716.08	1/2	1,991.94	1/2	2,267.79	1/2	2,543.57
3/4	69.59	3/4	343.12	3/4	618.98	3/4	894.28	3/4	1,170.10	3/4	1,445.96	3/4	1,721.82	3/4	1,997.68	3/4	2,273.53	3/4	2,549.32
3	75.31	3	348.87	3	624.72	3	900.02	3	1,175.85	3	1,451.71	3	1,727.57	3	2,003.43	3	2,279.28	3	2,555.06
1/4	81.06	1/4	354.62	1/4	630.47	1/4	905.76	1/4	1,181.60	1/4	1,457.46	1/4	1,733.32	1/4	2,009.18	1/4	2,285.02	1/4	2,560.81
1/2	86.80	1/2	360.36	1/2	636.22	1/2	911.50	1/2	1,187.34	1/2	1,463.20	1/2	1,739.07	1/2	2,014.93	1/2	2,290.77	1/2	2,566.55
3/4	92.54	3/4	366.11	3/4	641.96	3/4	917.24	3/4	1,193.09	3/4	1,468.95	3/4	1,744.81	3/4	2,020.67	3/4	2,296.51	3/4	2,572.30
4	98.28	4	371.86	4	647.71	4	922.98	4	1,198.84	4	1,474.70	4	1,750.56	4	2,026.42	4	2,302.26	4	2,578.04
1/4	104.02	1/4	377.61	1/4	653.46	1/4	928.72	1/4	1,204.58	1/4	1,480.45	1/4	1,756.31	1/4	2,032.17	1/4	2,308.01	1/4	2,583.79
1/2	109.77	1/2	383.35	1/2	659.20	1/2	934.47	1/2	1,210.33	1/2	1,486.19	1/2	1,762.05	1/2	2,037.91	1/2	2,313.75	1/2	2,589.54
3/4	115.52	3/4	389.10	3/4	664.95	3/4	940.22	3/4	1,216.08	3/4	1,491.94	3/4	1,767.80	3/4	2,043.66	3/4	2,319.50	3/4	2,595.28
5	121.26	5	394.85	5	670.70	5	945.97	5	1,221.83	5	1,497.69	5	1,773.55	5	2,049.41	5	2,325.24	5	2,601.03
1/4	126.94	1/4	400.59	1/4	676.44	1/4	951.71	1/4	1,227.57	1/4	1,503.43	1/4	1,779.29	1/4	2,055.16	1/4	2,330.99	1/4	2,606.77
1/2	132.62	1/2	406.34	1/2	682.18	1/2	957.46	1/2	1,233.32	1/2	1,509.18	1/2	1,785.04	1/2	2,060.90	1/2	2,336.73	1/2	2,612.52
3/4	138.30	3/4	412.09	3/4	687.93	3/4	963.21	3/4	1,239.07	3/4	1,514.93	3/4	1,790.79	3/4	2,066.65	3/4	2,342.48	3/4	2,618.26
6	143.98	6	417.83	6	693.67	6	969.07	6	1,244.81	6	1,520.68	6	1,796.54	6	2,072.40	6	2,348.22	6	2,624.01
1/4	149.46	1/4	423.58	1/4	699.40	1/4	974.70	1/4	1,250.56	1/4	1,526.42	1/4	1,802.28	1/4	2,078.14	1/4	2,353.97	1/4	2,629.75
1/2	154.93	1/2	429.33	1/2	705.13	1/2	980.45	1/2	1,256.31	1/2	1,532.17	1/2	1,808.03	1/2	2,083.89	1/2	2,359.72	1/2	2,635.50
3/4	160.41	3/4	435.07	3/4	710.86	3/4	986.20	3/4	1,262.06	3/4	1,537.92	3/4	1,813.78	3/4	2,089.64	3/4	2,365.46	3/4	2,641.24
7	165.89	7	440.82	7	716.59	7	991.94	7	1,267.80	7	1,543.66	7	1,819.52	7	2,095.39	7	2,371.21	7	2,646.99
1/4	171.43	1/4	446.57	1/4	722.32	1/4	997.69	1/4	1,273.55	1/4	1,549.41	1/4	1,825.27	1/4	2,101.13	1/4	2,376.95	1/4	2,652.74
1/2	176.98	1/2	452.32	1/2	728.05	1/2	1,003.44	1/2	1,279.30	1/2	1,555.16	1/2	1,831.02	1/2	2,106.88	1/2	2,382.70	1/2	2,658.48
3/4	182.52	3/4	458.06	3/4	733.79	3/4	1,009.18	3/4	1,285.04	3/4	1,560.91	3/4	1,836.77	3/4	2,112.63	3/4	2,388.44	3/4	2,664.23
8	188.07	8	463.81	8	739.52	8	1,014.93	8	1,290.79	8	1,566.65	8	1,842.51	8	2,118.37	8	2,394.19	8	2,669.97
1/4	193.81	1/4	469.56	1/4	745.25	1/4	1,020.68	1/4	1,296.54	1/4	1,572.40	1/4	1,848.26	1/4	2,124.12	1/4	2,399.93	1/4	2,675.72
1/2	199.56	1/2	475.30	1/2	750.98	1/2	1,026.42	1/2	1,302.29	1/2	1,578.15	1/2	1,854.01	1/2	2,129.87	1/2	2,405.68	1/2	2,681.46
3/4	205.31	3/4	481.05	3/4	756.71	3/4	1,032.17	3/4	1,308.03	3/4	1,583.89	3/4	1,859.75	3/4	2,135.62	3/4	2,411.42	3/4	2,687.21
9	211.05	9	486.80	9	762.44	9	1,037.92	9	1,313.78	9	1,589.64	9	1,865.50	9	2,141.36	9	2,417.17	9	2,692.95
1/4	216.80	1/4	492.54	1/4	768.17	1/4	1,043.67	1/4	1,319.53	1/4	1,595.39	1/4	1,871.25	1/4	2,147.11	1/4	2,422.92	1/4	2,698.70
1/2	222.55	1/2	498.29	1/2	773.90	1/2	1,049.41	1/2	1,325.27	1/2	1,601.13	1/2	1,877.00	1/2	2,152.86	1/2	2,428.66	1/2	2,704.45
3/4	228.29	3/4	504.04	3/4	779.64	3/4	1,055.16	3/4	1,331.02	3/4	1,606.88	3/4	1,882.74	3/4	2,158.60	3/4	2,434.41	3/4	2,710.19
10	234.04	10	509.78	10	785.37	10	1,060.91	10	1,336.77	10	1,612.63	10	1,888.49	10	2,164.35	10	2,440.15	10	2,715.94
1/4	239.79	1/4	515.53	1/4	791.10	1/4	1,066.65	1/4	1,342.52	1/4	1,618.38	1/4	1,894.24	1/4	2,170.10	1/4	2,445.90	1/4	2,721.68
1/2	245.54	1/2	521.28	1/2	796.83	1/2	1,072.40	1/2	1,348.26	1/2	1,624.12	1/2	1,899.98	1/2	2,175.84	1/2	2,451.64	1/2	2,727.43
3/4	251.28	3/4	527.02	3/4	802.56	3/4	1,078.15	3/4	1,354.01	3/4	1,629.87	3/4	1,905.73	3/4	2,181.59	3/4	2,457.39	3/4	2,733.17
11	257.03	11	532.77	11	808.29	11	1,083.90	11	1,359.76	11	1,635.62	11	1,911.48	11	2,187.34	11	2,463.13	11	2,738.92
1/4	262.77	1/4	538.52	1/4	814.02	1/4	1,089.64	1/4	1,365.50	1/4	1,641.36	1/4	1,917.23	1/4	2,193.09	1/4	2,468.88	1/4	2,744.66
1/2	268.52	1/2	544.27	1/2	819.75	1/2	1,095.39	1/2	1,371.25	1/2	1,647.11	1/2	1,922.97	1/2	2,198.83	1/2	2,474.63	1/2	2,750.41
3/4	274.26	3/4	550.01	3/4	825.49	3/4	1,101.14	3/4	1,377.00	3/4	1,652.86	3/4	1,928.72	3/4	2,204.58	3/4	2,480.37	3/4	2,756.15

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 1" DIAMETER CAP ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD
 GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 37'-06" FORWARD OF AFT BULKHEAD

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



BARGE "MM 118"

2 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	2,761.90	0	3,037.68	0	3,313.47	0	3,588.72	0	3,863.65	0		0		0		0		0	
1/4	2,767.65	1/4	3,043.43	1/4	3,319.21	1/4	3,594.45	1/4	3,869.24	1/4		1/4		1/4		1/4		1/4	
1/2	2,773.39	1/2	3,049.18	1/2	3,324.96	1/2	3,600.18	1/2	3,874.83	1/2		1/2		1/2		1/2		1/2	
3/4	2,779.14	3/4	3,054.92	3/4	3,330.70	3/4	3,605.91	3/4	3,880.42	3/4		3/4		3/4		3/4		3/4	
1	2,784.88	1	3,060.67	1	3,336.45	1	3,611.64	1	3,886.01	1		1		1		1		1	
1/4	2,790.63	1/4	3,066.41	1/4	3,342.20	1/4	3,617.37	1/4	3,891.00	1/4		1/4		1/4		1/4		1/4	
1/2	2,796.37	1/2	3,072.16	1/2	3,347.94	1/2	3,623.09	1/2	3,895.98	1/2		1/2		1/2		1/2		1/2	
3/4	2,802.12	3/4	3,077.90	3/4	3,353.69	3/4	3,628.82	3/4	3,900.97	3/4		3/4		3/4		3/4		3/4	
2	2,807.86	2	3,083.65	2	3,359.43	2	3,634.55	2	3,905.96	2		2		2		2		2	
1/4	2,813.61	1/4	3,089.39	1/4	3,365.18	1/4	3,640.28	1/4	3,909.93	1/4		1/4		1/4		1/4		1/4	
1/2	2,819.36	1/2	3,095.14	1/2	3,370.92	1/2	3,646.01	1/2	3,913.89	1/2		1/2		1/2		1/2		1/2	
3/4	2,825.10	3/4	3,100.88	3/4	3,376.67	3/4	3,651.74	3/4	3,917.86	3/4		3/4		3/4		3/4		3/4	
3	2,830.85	3	3,106.63	3	3,382.41	3	3,657.47	3	3,921.82	3		3		3		3		3	
1/4	2,836.59	1/4	3,112.38	1/4	3,388.16	1/4	3,663.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,842.34	1/2	3,118.12	1/2	3,393.90	1/2	3,668.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,848.08	3/4	3,123.87	3/4	3,399.64	3/4	3,674.66	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,853.83	4	3,129.61	4	3,405.39	4	3,680.39	4		4		4		4		4		4	
1/4	2,859.57	1/4	3,135.36	1/4	3,411.11	1/4	3,686.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,865.32	1/2	3,141.10	1/2	3,416.84	1/2	3,691.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,871.06	3/4	3,146.85	3/4	3,422.57	3/4	3,697.57	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,876.81	5	3,152.59	5	3,428.30	5	3,703.30	5		5		5		5		5		5	
1/4	2,882.56	1/4	3,158.34	1/4	3,434.03	1/4	3,709.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,888.30	1/2	3,164.09	1/2	3,439.76	1/2	3,714.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,894.05	3/4	3,169.83	3/4	3,445.49	3/4	3,720.49	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,899.79	6	3,175.58	6	3,451.22	6	3,726.22	6		6		6		6		6		6	
1/4	2,905.54	1/4	3,181.32	1/4	3,456.95	1/4	3,731.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,911.28	1/2	3,187.07	1/2	3,462.68	1/2	3,737.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,917.03	3/4	3,192.81	3/4	3,468.41	3/4	3,743.41	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,922.77	7	3,198.56	7	3,474.14	7	3,749.14	7		7		7		7		7		7	
1/4	2,928.52	1/4	3,204.30	1/4	3,479.86	1/4	3,754.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,934.27	1/2	3,210.05	1/2	3,485.59	1/2	3,760.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,940.01	3/4	3,215.79	3/4	3,491.32	3/4	3,766.32	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,945.76	8	3,221.54	8	3,497.05	8	3,772.05	8		8		8		8		8		8	
1/4	2,951.50	1/4	3,227.29	1/4	3,502.78	1/4	3,777.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,957.25	1/2	3,233.03	1/2	3,508.51	1/2	3,783.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,962.99	3/4	3,238.78	3/4	3,514.24	3/4	3,789.24	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,968.74	9	3,244.52	9	3,519.97	9	3,794.97	9		9		9		9		9		9	
1/4	2,974.48	1/4	3,250.27	1/4	3,525.70	1/4	3,800.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,980.23	1/2	3,256.01	1/2	3,531.43	1/2	3,806.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,985.97	3/4	3,261.76	3/4	3,537.16	3/4	3,812.16	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,991.72	10	3,267.50	10	3,542.89	10	3,817.89	10		10		10		10		10		10	
1/4	2,997.47	1/4	3,273.25	1/4	3,548.62	1/4	3,823.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,003.21	1/2	3,279.00	1/2	3,554.34	1/2	3,829.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,008.96	3/4	3,284.74	3/4	3,560.07	3/4	3,835.06	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,014.70	11	3,290.49	11	3,565.80	11	3,840.79	11		11		11		11		11		11	
1/4	3,020.45	1/4	3,296.23	1/4	3,571.53	1/4	3,846.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,026.19	1/2	3,301.98	1/2	3,577.26	1/2	3,852.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,031.94	3/4	3,307.72	3/4	3,582.99	3/4	3,857.94	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/16/2018 CL
CALCULATED: 08/17/2018 CL
PRINTED: 08/18/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

PRECISION MEASUREMENT
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BARGE "MM 118"

3 PORT 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	15.83	0	280.31	0	556.37	0	823.80	0	1,096.01	0	1,372.18	0	1,648.34	0	1,924.50	0	2,200.67	0	2,476.77
1/4	19.78	1/4	286.05	1/4	562.13	1/4	829.28	1/4	1,101.77	1/4	1,377.93	1/4	1,654.09	1/4	1,930.26	1/4	2,206.42	1/4	2,482.52
1/2	23.74	1/2	291.79	1/2	567.88	1/2	834.77	1/2	1,107.52	1/2	1,383.68	1/2	1,659.85	1/2	1,936.01	1/2	2,212.18	1/2	2,488.27
3/4	27.70	3/4	297.53	3/4	573.63	3/4	840.26	3/4	1,113.28	3/4	1,389.44	3/4	1,665.60	3/4	1,941.76	3/4	2,217.93	3/4	2,494.02
1	31.65	1	303.27	1	579.38	1	845.75	1	1,119.03	1	1,395.19	1	1,671.35	1	1,947.52	1	2,223.69	1	2,499.78
1/4	36.86	1/4	309.01	1/4	585.14	1/4	851.24	1/4	1,124.78	1/4	1,400.95	1/4	1,677.11	1/4	1,953.27	1/4	2,229.44	1/4	2,505.53
1/2	42.06	1/2	314.76	1/2	590.89	1/2	856.72	1/2	1,130.54	1/2	1,406.70	1/2	1,682.86	1/2	1,959.02	1/2	2,235.19	1/2	2,511.28
3/4	47.27	3/4	320.50	3/4	596.64	3/4	862.21	3/4	1,136.29	3/4	1,412.45	3/4	1,688.62	3/4	1,964.78	3/4	2,240.94	3/4	2,517.03
2	52.48	2	326.24	2	602.40	2	867.70	2	1,142.04	2	1,418.21	2	1,694.37	2	1,970.53	2	2,246.69	2	2,522.78
1/4	58.21	1/4	332.00	1/4	608.15	1/4	873.19	1/4	1,147.80	1/4	1,423.96	1/4	1,700.12	1/4	1,976.29	1/4	2,252.44	1/4	2,528.54
1/2	63.94	1/2	337.75	1/2	613.90	1/2	878.69	1/2	1,153.55	1/2	1,429.71	1/2	1,705.88	1/2	1,982.04	1/2	2,258.20	1/2	2,534.29
3/4	69.67	3/4	343.50	3/4	619.66	3/4	884.18	3/4	1,159.30	3/4	1,435.47	3/4	1,711.63	3/4	1,987.79	3/4	2,263.95	3/4	2,540.04
3	75.40	3	349.26	3	625.41	3	889.67	3	1,165.06	3	1,441.22	3	1,717.38	3	1,993.55	3	2,269.70	3	2,545.79
1/4	81.14	1/4	355.01	1/4	631.10	1/4	895.23	1/4	1,170.81	1/4	1,446.97	1/4	1,723.14	1/4	1,999.30	1/4	2,275.45	1/4	2,551.54
1/2	86.89	1/2	360.76	1/2	636.79	1/2	900.79	1/2	1,176.56	1/2	1,452.73	1/2	1,728.89	1/2	2,005.05	1/2	2,281.20	1/2	2,557.30
3/4	92.64	3/4	366.52	3/4	642.47	3/4	906.35	3/4	1,182.32	3/4	1,458.48	3/4	1,734.64	3/4	2,010.81	3/4	2,286.96	3/4	2,563.05
4	98.38	4	372.27	4	648.16	4	911.91	4	1,188.07	4	1,464.23	4	1,740.40	4	2,016.56	4	2,292.71	4	2,568.80
1/4	104.14	1/4	378.02	1/4	653.66	1/4	917.66	1/4	1,193.82	1/4	1,469.99	1/4	1,746.15	1/4	2,022.31	1/4	2,298.46	1/4	2,574.55
1/2	109.89	1/2	383.78	1/2	659.15	1/2	923.41	1/2	1,199.58	1/2	1,475.74	1/2	1,751.90	1/2	2,028.07	1/2	2,304.21	1/2	2,580.30
3/4	115.64	3/4	389.53	3/4	664.64	3/4	929.17	3/4	1,205.33	3/4	1,481.49	3/4	1,757.66	3/4	2,033.82	3/4	2,309.96	3/4	2,586.05
5	121.40	5	395.28	5	670.13	5	934.92	5	1,211.08	5	1,487.25	5	1,763.41	5	2,039.57	5	2,315.72	5	2,591.81
1/4	127.08	1/4	401.04	1/4	675.63	1/4	940.67	1/4	1,216.84	1/4	1,493.00	1/4	1,769.16	1/4	2,045.33	1/4	2,321.47	1/4	2,597.56
1/2	132.77	1/2	406.79	1/2	681.12	1/2	946.43	1/2	1,222.59	1/2	1,498.75	1/2	1,774.92	1/2	2,051.08	1/2	2,327.22	1/2	2,603.31
3/4	138.45	3/4	412.54	3/4	686.61	3/4	952.18	3/4	1,228.34	3/4	1,504.51	3/4	1,780.67	3/4	2,056.83	3/4	2,332.97	3/4	2,609.06
6	144.14	6	418.30	6	692.10	6	957.93	6	1,234.10	6	1,510.26	6	1,786.42	6	2,062.59	6	2,338.72	6	2,614.81
1/4	149.62	1/4	424.05	1/4	697.59	1/4	963.69	1/4	1,239.85	1/4	1,516.01	1/4	1,792.18	1/4	2,068.34	1/4	2,344.48	1/4	2,620.57
1/2	155.11	1/2	429.80	1/2	703.07	1/2	969.44	1/2	1,245.60	1/2	1,521.77	1/2	1,797.93	1/2	2,074.09	1/2	2,350.23	1/2	2,626.32
3/4	160.59	3/4	435.55	3/4	708.56	3/4	975.19	3/4	1,251.36	3/4	1,527.52	3/4	1,803.68	3/4	2,079.85	3/4	2,355.98	3/4	2,632.07
7	166.07	7	441.31	7	714.05	7	980.95	7	1,257.11	7	1,533.27	7	1,809.44	7	2,085.60	7	2,361.73	7	2,637.82
1/4	171.62	1/4	447.06	1/4	719.54	1/4	986.70	1/4	1,262.86	1/4	1,539.03	1/4	1,815.19	1/4	2,091.35	1/4	2,367.48	1/4	2,643.57
1/2	177.17	1/2	452.81	1/2	725.02	1/2	992.45	1/2	1,268.62	1/2	1,544.78	1/2	1,820.94	1/2	2,097.11	1/2	2,373.23	1/2	2,649.33
3/4	182.72	3/4	458.57	3/4	730.51	3/4	998.21	3/4	1,274.37	3/4	1,550.53	3/4	1,826.70	3/4	2,102.86	3/4	2,378.99	3/4	2,655.08
8	188.27	8	464.32	8	736.00	8	1,003.96	8	1,280.12	8	1,556.29	8	1,832.45	8	2,108.61	8	2,384.74	8	2,660.83
1/4	194.03	1/4	470.07	1/4	741.49	1/4	1,009.71	1/4	1,285.88	1/4	1,562.04	1/4	1,838.20	1/4	2,114.37	1/4	2,390.49	1/4	2,666.58
1/2	199.78	1/2	475.83	1/2	746.97	1/2	1,015.47	1/2	1,291.63	1/2	1,567.79	1/2	1,843.96	1/2	2,120.12	1/2	2,396.24	1/2	2,672.33
3/4	205.53	3/4	481.58	3/4	752.46	3/4	1,021.22	3/4	1,297.38	3/4	1,573.55	3/4	1,849.71	3/4	2,125.87	3/4	2,401.99	3/4	2,678.09
9	211.29	9	487.33	9	757.95	9	1,026.97	9	1,303.14	9	1,579.30	9	1,855.46	9	2,131.63	9	2,407.75	9	2,683.84
1/4	217.04	1/4	493.09	1/4	763.44	1/4	1,032.73	1/4	1,308.89	1/4	1,585.05	1/4	1,861.22	1/4	2,137.38	1/4	2,413.50	1/4	2,689.59
1/2	222.79	1/2	498.84	1/2	768.92	1/2	1,038.48	1/2	1,314.64	1/2	1,590.81	1/2	1,866.97	1/2	2,143.13	1/2	2,419.25	1/2	2,695.34
3/4	228.55	3/4	504.59	3/4	774.41	3/4	1,044.23	3/4	1,320.40	3/4	1,596.56	3/4	1,872.72	3/4	2,148.89	3/4	2,425.00	3/4	2,701.09
10	234.30	10	510.35	10	779.90	10	1,049.99	10	1,326.15	10	1,602.31	10	1,878.48	10	2,154.64	10	2,430.75	10	2,706.84
1/4	240.05	1/4	516.10	1/4	785.39	1/4	1,055.74	1/4	1,331.90	1/4	1,608.07	1/4	1,884.23	1/4	2,160.39	1/4	2,436.51	1/4	2,712.60
1/2	245.81	1/2	521.85	1/2	790.87	1/2	1,061.49	1/2	1,337.66	1/2	1,613.82	1/2	1,889.98	1/2	2,166.15	1/2	2,442.26	1/2	2,718.35
3/4	251.56	3/4	527.61	3/4	796.36	3/4	1,067.25	3/4	1,343.41	3/4	1,619.57	3/4	1,895.74	3/4	2,171.90	3/4	2,448.01	3/4	2,724.10
11	257.31	11	533.36	11	801.85	11	1,073.00	11	1,349.16	11	1,625.33	11	1,901.49	11	2,177.65	11	2,453.76	11	2,729.85
1/4	263.06	1/4	539.11	1/4	807.33	1/4	1,078.75	1/4	1,354.92	1/4	1,631.08	1/4	1,907.24	1/4	2,183.41	1/4	2,459.51	1/4	2,735.60
1/2	268.81	1/2	544.87	1/2	812.82	1/2	1,084.51	1/2	1,360.67	1/2	1,636.83	1/2	1,913.00	1/2	2,189.16	1/2	2,465.27	1/2	2,741.36
3/4	274.56	3/4	550.62	3/4	818.31	3/4	1,090.26	3/4	1,366.42	3/4	1,642.59	3/4	1,918.75	3/4	2,194.91	3/4	2,471.02	3/4	2,747.11

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 1" DIAMETER CAP ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD
 GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 37'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "MM 118"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	2,752.86	0	3,028.95	0	3,305.04	0	3,580.58	0	3,855.83	0		0		0		0		0	
1/4	2,758.61	1/4	3,034.70	1/4	3,310.79	1/4	3,586.32	1/4	3,861.42	1/4		1/4		1/4		1/4		1/4	
1/2	2,764.36	1/2	3,040.46	1/2	3,316.55	1/2	3,592.05	1/2	3,867.02	1/2		1/2		1/2		1/2		1/2	
3/4	2,770.12	3/4	3,046.21	3/4	3,322.30	3/4	3,597.79	3/4	3,872.61	3/4		3/4		3/4		3/4		3/4	
1	2,775.87	1	3,051.96	1	3,328.05	1	3,603.52	1	3,878.21	1		1		1		1		1	
1/4	2,781.62	1/4	3,057.71	1/4	3,333.80	1/4	3,609.26	1/4	3,883.20	1/4		1/4		1/4		1/4		1/4	
1/2	2,787.37	1/2	3,063.46	1/2	3,339.55	1/2	3,615.00	1/2	3,888.19	1/2		1/2		1/2		1/2		1/2	
3/4	2,793.12	3/4	3,069.21	3/4	3,345.31	3/4	3,620.73	3/4	3,893.19	3/4		3/4		3/4		3/4		3/4	
2	2,798.88	2	3,074.97	2	3,351.06	2	3,626.47	2	3,898.18	2		2		2		2		2	
1/4	2,804.63	1/4	3,080.72	1/4	3,356.81	1/4	3,632.20	1/4	3,902.15	1/4		1/4		1/4		1/4		1/4	
1/2	2,810.38	1/2	3,086.47	1/2	3,362.56	1/2	3,637.94	1/2	3,906.12	1/2		1/2		1/2		1/2		1/2	
3/4	2,816.13	3/4	3,092.22	3/4	3,368.31	3/4	3,643.67	3/4	3,910.09	3/4		3/4		3/4		3/4		3/4	
3	2,821.88	3	3,097.97	3	3,374.07	3	3,649.41	3	3,914.06	3		3		3		3		3	
1/4	2,827.63	1/4	3,103.73	1/4	3,379.81	1/4	3,655.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,833.39	1/2	3,109.48	1/2	3,385.56	1/2	3,660.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,839.14	3/4	3,115.23	3/4	3,391.30	3/4	3,666.61	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,844.89	4	3,120.98	4	3,397.05	4	3,672.35	4		4		4		4		4		4	
1/4	2,850.64	1/4	3,126.73	1/4	3,402.78	1/4	3,678.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,856.39	1/2	3,132.49	1/2	3,408.52	1/2	3,683.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,862.15	3/4	3,138.24	3/4	3,414.25	3/4	3,689.56	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,867.90	5	3,143.99	5	3,419.99	5	3,695.29	5		5		5		5		5		5	
1/4	2,873.65	1/4	3,149.74	1/4	3,425.72	1/4	3,701.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,879.40	1/2	3,155.49	1/2	3,431.46	1/2	3,706.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,885.15	3/4	3,161.24	3/4	3,437.19	3/4	3,712.50	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,890.91	6	3,167.00	6	3,442.93	6	3,718.23	6		6		6		6		6		6	
1/4	2,896.66	1/4	3,172.75	1/4	3,448.67	1/4	3,723.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,902.41	1/2	3,178.50	1/2	3,454.40	1/2	3,729.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,908.16	3/4	3,184.25	3/4	3,460.14	3/4	3,735.44	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,913.91	7	3,190.00	7	3,465.87	7	3,741.18	7		7		7		7		7		7	
1/4	2,919.67	1/4	3,195.76	1/4	3,471.61	1/4	3,746.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,925.42	1/2	3,201.51	1/2	3,477.34	1/2	3,752.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,931.17	3/4	3,207.26	3/4	3,483.08	3/4	3,758.38	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,936.92	8	3,213.01	8	3,488.81	8	3,764.12	8		8		8		8		8		8	
1/4	2,942.67	1/4	3,218.76	1/4	3,494.55	1/4	3,769.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,948.42	1/2	3,224.52	1/2	3,500.29	1/2	3,775.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,954.18	3/4	3,230.27	3/4	3,506.02	3/4	3,781.32	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,959.93	9	3,236.02	9	3,511.76	9	3,787.06	9		9		9		9		9		9	
1/4	2,965.68	1/4	3,241.77	1/4	3,517.49	1/4	3,792.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,971.43	1/2	3,247.52	1/2	3,523.23	1/2	3,798.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,977.18	3/4	3,253.28	3/4	3,528.96	3/4	3,804.27	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,982.94	10	3,259.03	10	3,534.70	10	3,810.01	10		10		10		10		10		10	
1/4	2,988.69	1/4	3,264.78	1/4	3,540.43	1/4	3,815.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,994.44	1/2	3,270.53	1/2	3,546.17	1/2	3,821.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,000.19	3/4	3,276.28	3/4	3,551.90	3/4	3,827.20	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,005.94	11	3,282.03	11	3,557.64	11	3,832.94	11		11		11		11		11		11	
1/4	3,011.70	1/4	3,287.79	1/4	3,563.38	1/4	3,838.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,017.45	1/2	3,293.54	1/2	3,569.11	1/2	3,844.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,023.20	3/4	3,299.29	3/4	3,574.85	3/4	3,850.11	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/16/2018 CL
CALCULATED: 08/17/2018 CL
PRINTED: 08/18/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

PRECISION MEASUREMENT
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BARGE "MM 118"

3 STBD INNAGE 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	15.83	0	280.36	0	556.46	0	832.27	0	1,108.28	0	1,384.48	0	1,660.69	0	1,936.90	0	2,213.10	0	2,489.24
1/4	19.79	1/4	286.10	1/4	562.21	1/4	838.00	1/4	1,114.03	1/4	1,390.24	1/4	1,666.45	1/4	1,942.65	1/4	2,218.86	1/4	2,495.00
1/2	23.74	1/2	291.84	1/2	567.97	1/2	843.74	1/2	1,119.79	1/2	1,395.99	1/2	1,672.20	1/2	1,948.41	1/2	2,224.61	1/2	2,500.75
3/4	27.70	3/4	297.58	3/4	573.72	3/4	849.48	3/4	1,125.54	3/4	1,401.75	3/4	1,677.95	3/4	1,954.16	3/4	2,230.37	3/4	2,506.50
1	31.66	1	303.32	1	579.48	1	855.22	1	1,131.30	1	1,407.50	1	1,683.71	1	1,959.91	1	2,236.13	1	2,512.25
1/4	36.86	1/4	309.06	1/4	585.23	1/4	860.96	1/4	1,137.05	1/4	1,413.26	1/4	1,689.46	1/4	1,965.67	1/4	2,241.88	1/4	2,518.01
1/2	42.07	1/2	314.81	1/2	590.98	1/2	866.70	1/2	1,142.80	1/2	1,419.01	1/2	1,695.22	1/2	1,971.42	1/2	2,247.63	1/2	2,523.76
3/4	47.28	3/4	320.55	3/4	596.74	3/4	872.44	3/4	1,148.56	3/4	1,424.76	3/4	1,700.97	3/4	1,977.18	3/4	2,253.38	3/4	2,529.51
2	52.48	2	326.30	2	602.49	2	878.18	2	1,154.31	2	1,430.52	2	1,706.73	2	1,982.93	2	2,259.14	2	2,535.27
1/4	58.21	1/4	332.05	1/4	608.25	1/4	883.92	1/4	1,160.07	1/4	1,436.27	1/4	1,712.48	1/4	1,988.69	1/4	2,264.89	1/4	2,541.02
1/2	63.95	1/2	337.80	1/2	614.00	1/2	889.67	1/2	1,165.82	1/2	1,442.03	1/2	1,718.23	1/2	1,994.44	1/2	2,270.64	1/2	2,546.77
3/4	69.68	3/4	343.56	3/4	619.75	3/4	895.41	3/4	1,171.58	3/4	1,447.78	3/4	1,723.99	3/4	2,000.19	3/4	2,276.39	3/4	2,552.52
3	75.41	3	349.31	3	625.51	3	901.15	3	1,177.33	3	1,453.54	3	1,729.74	3	2,005.95	3	2,282.15	3	2,558.28
1/4	81.16	1/4	355.07	1/4	631.26	1/4	906.90	1/4	1,183.08	1/4	1,459.29	1/4	1,735.50	1/4	2,011.70	1/4	2,287.90	1/4	2,564.03
1/2	86.90	1/2	360.82	1/2	637.02	1/2	912.65	1/2	1,188.84	1/2	1,465.04	1/2	1,741.25	1/2	2,017.46	1/2	2,293.65	1/2	2,569.78
3/4	92.65	3/4	366.57	3/4	642.77	3/4	918.39	3/4	1,194.59	3/4	1,470.80	3/4	1,747.01	3/4	2,023.21	3/4	2,299.40	3/4	2,575.53
4	98.40	4	372.33	4	648.52	4	924.14	4	1,200.35	4	1,476.55	4	1,752.76	4	2,028.97	4	2,305.16	4	2,581.29
1/4	104.15	1/4	378.08	1/4	654.28	1/4	929.89	1/4	1,206.10	1/4	1,482.31	1/4	1,758.51	1/4	2,034.72	1/4	2,310.91	1/4	2,587.04
1/2	109.91	1/2	383.84	1/2	660.03	1/2	935.65	1/2	1,211.86	1/2	1,488.06	1/2	1,764.27	1/2	2,040.47	1/2	2,316.66	1/2	2,592.79
3/4	115.66	3/4	389.59	3/4	665.79	3/4	941.40	3/4	1,217.61	3/4	1,493.82	3/4	1,770.02	3/4	2,046.23	3/4	2,322.42	3/4	2,598.55
5	121.41	5	395.34	5	671.54	5	947.16	5	1,223.36	5	1,499.57	5	1,775.78	5	2,051.98	5	2,328.17	5	2,604.30
1/4	127.10	1/4	401.10	1/4	677.29	1/4	952.91	1/4	1,229.12	1/4	1,505.32	1/4	1,781.53	1/4	2,057.74	1/4	2,333.92	1/4	2,610.05
1/2	132.79	1/2	406.85	1/2	683.04	1/2	958.67	1/2	1,234.87	1/2	1,511.08	1/2	1,787.29	1/2	2,063.49	1/2	2,339.67	1/2	2,615.80
3/4	138.47	3/4	412.61	3/4	688.79	3/4	964.42	3/4	1,240.63	3/4	1,516.83	3/4	1,793.04	3/4	2,069.25	3/4	2,345.43	3/4	2,621.56
6	144.16	6	418.36	6	694.54	6	970.17	6	1,246.38	6	1,522.59	6	1,798.79	6	2,075.00	6	2,351.18	6	2,627.31
1/4	149.65	1/4	424.11	1/4	700.28	1/4	975.93	1/4	1,252.14	1/4	1,528.34	1/4	1,804.55	1/4	2,080.75	1/4	2,356.93	1/4	2,633.06
1/2	155.13	1/2	429.87	1/2	706.02	1/2	981.68	1/2	1,257.89	1/2	1,534.10	1/2	1,810.30	1/2	2,086.51	1/2	2,362.68	1/2	2,638.81
3/4	160.61	3/4	435.62	3/4	711.76	3/4	987.44	3/4	1,263.64	3/4	1,539.85	3/4	1,816.06	3/4	2,092.26	3/4	2,368.44	3/4	2,644.57
7	166.10	7	441.38	7	717.50	7	993.19	7	1,269.40	7	1,545.60	7	1,821.81	7	2,098.02	7	2,374.19	7	2,650.32
1/4	171.65	1/4	447.13	1/4	723.23	1/4	998.95	1/4	1,275.15	1/4	1,551.36	1/4	1,827.57	1/4	2,103.77	1/4	2,379.94	1/4	2,656.07
1/2	177.20	1/2	452.89	1/2	728.97	1/2	1,004.70	1/2	1,280.91	1/2	1,557.11	1/2	1,833.32	1/2	2,109.53	1/2	2,385.70	1/2	2,661.83
3/4	182.75	3/4	458.64	3/4	734.71	3/4	1,010.45	3/4	1,286.66	3/4	1,562.87	3/4	1,839.07	3/4	2,115.28	3/4	2,391.45	3/4	2,667.58
8	188.30	8	464.39	8	740.45	8	1,016.21	8	1,292.42	8	1,568.62	8	1,844.83	8	2,121.03	8	2,397.20	8	2,673.33
1/4	194.06	1/4	470.15	1/4	746.19	1/4	1,021.96	1/4	1,298.17	1/4	1,574.38	1/4	1,850.58	1/4	2,126.79	1/4	2,402.95	1/4	2,679.08
1/2	199.81	1/2	475.90	1/2	751.93	1/2	1,027.72	1/2	1,303.92	1/2	1,580.13	1/2	1,856.34	1/2	2,132.54	1/2	2,408.71	1/2	2,684.84
3/4	205.57	3/4	481.66	3/4	757.67	3/4	1,033.47	3/4	1,309.68	3/4	1,585.88	3/4	1,862.09	3/4	2,138.30	3/4	2,414.46	3/4	2,690.59
9	211.32	9	487.41	9	763.40	9	1,039.23	9	1,315.43	9	1,591.64	9	1,867.85	9	2,144.05	9	2,420.21	9	2,696.34
1/4	217.08	1/4	493.16	1/4	769.14	1/4	1,044.98	1/4	1,321.19	1/4	1,597.39	1/4	1,873.60	1/4	2,149.81	1/4	2,425.96	1/4	2,702.09
1/2	222.83	1/2	498.92	1/2	774.88	1/2	1,050.74	1/2	1,326.94	1/2	1,603.15	1/2	1,879.35	1/2	2,155.56	1/2	2,431.72	1/2	2,707.85
3/4	228.58	3/4	504.67	3/4	780.62	3/4	1,056.49	3/4	1,332.70	3/4	1,608.90	3/4	1,885.11	3/4	2,161.31	3/4	2,437.47	3/4	2,713.60
10	234.34	10	510.43	10	786.36	10	1,062.24	10	1,338.45	10	1,614.66	10	1,890.86	10	2,167.07	10	2,443.22	10	2,719.35
1/4	240.09	1/4	516.18	1/4	792.10	1/4	1,068.00	1/4	1,344.20	1/4	1,620.41	1/4	1,896.62	1/4	2,172.82	1/4	2,448.98	1/4	2,725.10
1/2	245.85	1/2	521.93	1/2	797.84	1/2	1,073.75	1/2	1,349.96	1/2	1,626.17	1/2	1,902.37	1/2	2,178.58	1/2	2,454.73	1/2	2,730.86
3/4	251.60	3/4	527.69	3/4	803.57	3/4	1,079.51	3/4	1,355.71	3/4	1,631.92	3/4	1,908.13	3/4	2,184.33	3/4	2,460.48	3/4	2,736.61
11	257.35	11	533.44	11	809.31	11	1,085.26	11	1,361.47	11	1,637.67	11	1,913.88	11	2,190.09	11	2,466.23	11	2,742.36
1/4	263.10	1/4	539.20	1/4	815.05	1/4	1,091.02	1/4	1,367.22	1/4	1,643.43	1/4	1,919.63	1/4	2,195.84	1/4	2,471.99	1/4	2,748.12
1/2	268.86	1/2	544.95	1/2	820.79	1/2	1,096.77	1/2	1,372.98	1/2	1,649.18	1/2	1,925.39	1/2	2,201.60	1/2	2,477.74	1/2	2,753.87
3/4	274.61	3/4	550.71	3/4	826.53	3/4	1,102.52	3/4	1,378.73	3/4	1,654.94	3/4	1,931.14	3/4	2,207.35	3/4	2,483.49	3/4	2,759.62

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 1" DIAMETER CAP ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD
 GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 37'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "MM 118"

3 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	2,765.37	0	3,041.50	0	3,317.63	0	3,593.24	0	3,868.53	0		0		0		0		0	
1/4	2,771.13	1/4	3,047.26	1/4	3,323.39	1/4	3,598.97	1/4	3,874.12	1/4		1/4		1/4		1/4		1/4	
1/2	2,776.88	1/2	3,053.01	1/2	3,329.14	1/2	3,604.71	1/2	3,879.72	1/2		1/2		1/2		1/2		1/2	
3/4	2,782.63	3/4	3,058.76	3/4	3,334.89	3/4	3,610.45	3/4	3,885.31	3/4		3/4		3/4		3/4		3/4	
1	2,788.38	1	3,064.51	1	3,340.64	1	3,616.18	1	3,890.91	1		1		1		1		1	
1/4	2,794.14	1/4	3,070.27	1/4	3,346.40	1/4	3,621.92	1/4	3,895.90	1/4		1/4		1/4		1/4		1/4	
1/2	2,799.89	1/2	3,076.02	1/2	3,352.15	1/2	3,627.66	1/2	3,900.90	1/2		1/2		1/2		1/2		1/2	
3/4	2,805.64	3/4	3,081.77	3/4	3,357.90	3/4	3,633.39	3/4	3,905.89	3/4		3/4		3/4		3/4		3/4	
2	2,811.40	2	3,087.52	2	3,363.65	2	3,639.13	2	3,910.89	2		2		2		2		2	
1/4	2,817.15	1/4	3,093.28	1/4	3,369.41	1/4	3,644.87	1/4	3,914.86	1/4		1/4		1/4		1/4		1/4	
1/2	2,822.90	1/2	3,099.03	1/2	3,375.16	1/2	3,650.60	1/2	3,918.83	1/2		1/2		1/2		1/2		1/2	
3/4	2,828.65	3/4	3,104.78	3/4	3,380.91	3/4	3,656.34	3/4	3,922.80	3/4		3/4		3/4		3/4		3/4	
3	2,834.41	3	3,110.54	3	3,386.67	3	3,662.08	3	3,926.77	3		3		3		3		3	
1/4	2,840.16	1/4	3,116.29	1/4	3,392.42	1/4	3,667.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,845.91	1/2	3,122.04	1/2	3,398.17	1/2	3,673.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,851.66	3/4	3,127.79	3/4	3,403.92	3/4	3,679.29	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,857.42	4	3,133.55	4	3,409.67	4	3,685.02	4		4		4		4		4		4	
1/4	2,863.17	1/4	3,139.30	1/4	3,415.41	1/4	3,690.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,868.92	1/2	3,145.05	1/2	3,421.14	1/2	3,696.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,874.67	3/4	3,150.80	3/4	3,426.88	3/4	3,702.23	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,880.43	5	3,156.56	5	3,432.62	5	3,707.97	5		5		5		5		5		5	
1/4	2,886.18	1/4	3,162.31	1/4	3,438.35	1/4	3,713.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,891.93	1/2	3,168.06	1/2	3,444.09	1/2	3,719.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,897.69	3/4	3,173.82	3/4	3,449.83	3/4	3,725.18	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,903.44	6	3,179.57	6	3,455.56	6	3,730.91	6		6		6		6		6		6	
1/4	2,909.19	1/4	3,185.32	1/4	3,461.30	1/4	3,736.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,914.94	1/2	3,191.07	1/2	3,467.03	1/2	3,742.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,920.70	3/4	3,196.83	3/4	3,472.77	3/4	3,748.12	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,926.45	7	3,202.58	7	3,478.51	7	3,753.86	7		7		7		7		7		7	
1/4	2,932.20	1/4	3,208.33	1/4	3,484.24	1/4	3,759.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,937.95	1/2	3,214.08	1/2	3,489.98	1/2	3,765.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,943.71	3/4	3,219.84	3/4	3,495.72	3/4	3,771.07	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,949.46	8	3,225.59	8	3,501.45	8	3,776.81	8		8		8		8		8		8	
1/4	2,955.21	1/4	3,231.34	1/4	3,507.19	1/4	3,782.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,960.97	1/2	3,237.10	1/2	3,512.93	1/2	3,788.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,966.72	3/4	3,242.85	3/4	3,518.66	3/4	3,794.02	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,972.47	9	3,248.60	9	3,524.40	9	3,799.75	9		9		9		9		9		9	
1/4	2,978.22	1/4	3,254.35	1/4	3,530.14	1/4	3,805.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,983.98	1/2	3,260.11	1/2	3,535.87	1/2	3,811.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,989.73	3/4	3,265.86	3/4	3,541.61	3/4	3,816.96	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,995.48	10	3,271.61	10	3,547.35	10	3,822.70	10		10		10		10		10		10	
1/4	3,001.23	1/4	3,277.36	1/4	3,553.08	1/4	3,828.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,006.99	1/2	3,283.12	1/2	3,558.82	1/2	3,834.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,012.74	3/4	3,288.87	3/4	3,564.56	3/4	3,839.90	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,018.49	11	3,294.62	11	3,570.29	11	3,845.63	11		11		11		11		11		11	
1/4	3,024.25	1/4	3,300.37	1/4	3,576.03	1/4	3,851.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,030.00	1/2	3,306.13	1/2	3,581.76	1/2	3,857.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,035.75	3/4	3,311.88	3/4	3,587.50	3/4	3,862.80	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/16/2018 CL
CALCULATED: 08/17/2018 CL
PRINTED: 08/18/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

PRECISION MEASUREMENT
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BARGE "MM 118"

4 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	15.74	0	278.21	0	550.55	0	813.38	0	1,081.39	0	1,352.76	0	1,624.04	0	1,893.80	0	2,164.92	0	2,436.00
1/4	19.67	1/4	283.90	1/4	556.22	1/4	818.77	1/4	1,087.05	1/4	1,358.41	1/4	1,629.70	1/4	1,899.44	1/4	2,170.57	1/4	2,441.65
1/2	23.60	1/2	289.59	1/2	561.88	1/2	824.15	1/2	1,092.70	1/2	1,364.05	1/2	1,635.36	1/2	1,905.09	1/2	2,176.21	1/2	2,447.30
3/4	27.53	3/4	295.28	3/4	567.54	3/4	829.54	3/4	1,098.36	3/4	1,369.70	3/4	1,641.02	3/4	1,910.74	3/4	2,181.86	3/4	2,452.95
1	31.46	1	300.97	1	573.20	1	834.92	1	1,104.02	1	1,375.35	1	1,646.68	1	1,916.39	1	2,187.51	1	2,458.59
1/4	36.63	1/4	306.67	1/4	578.87	1/4	840.33	1/4	1,109.68	1/4	1,380.99	1/4	1,652.34	1/4	1,922.04	1/4	2,193.16	1/4	2,464.24
1/2	41.81	1/2	312.36	1/2	584.53	1/2	845.73	1/2	1,115.33	1/2	1,386.64	1/2	1,658.00	1/2	1,927.69	1/2	2,198.80	1/2	2,469.89
3/4	46.98	3/4	318.06	3/4	590.19	3/4	851.13	3/4	1,120.99	3/4	1,392.29	3/4	1,663.66	3/4	1,933.33	3/4	2,204.45	3/4	2,475.54
2	52.16	2	323.75	2	595.86	2	856.53	2	1,126.65	2	1,397.93	2	1,669.31	2	1,938.98	2	2,210.10	2	2,481.18
1/4	57.85	1/4	329.46	1/4	601.52	1/4	861.99	1/4	1,132.30	1/4	1,403.58	1/4	1,674.97	1/4	1,944.63	1/4	2,215.75	1/4	2,486.83
1/2	63.55	1/2	335.16	1/2	607.18	1/2	867.44	1/2	1,137.96	1/2	1,409.23	1/2	1,680.62	1/2	1,950.28	1/2	2,221.39	1/2	2,492.48
3/4	69.24	3/4	340.87	3/4	612.84	3/4	872.89	3/4	1,143.62	3/4	1,414.87	3/4	1,686.28	3/4	1,955.93	3/4	2,227.04	3/4	2,498.13
3	74.94	3	346.57	3	618.51	3	878.34	3	1,149.28	3	1,420.52	3	1,691.93	3	1,961.58	3	2,232.69	3	2,503.77
1/4	80.65	1/4	352.27	1/4	624.10	1/4	883.85	1/4	1,154.93	1/4	1,426.17	1/4	1,697.59	1/4	1,967.22	1/4	2,238.34	1/4	2,509.42
1/2	86.36	1/2	357.96	1/2	629.70	1/2	889.35	1/2	1,160.59	1/2	1,431.81	1/2	1,703.24	1/2	1,972.87	1/2	2,243.99	1/2	2,515.07
3/4	92.07	3/4	363.65	3/4	635.30	3/4	894.86	3/4	1,166.25	3/4	1,437.46	3/4	1,708.89	3/4	1,978.52	3/4	2,249.63	3/4	2,520.72
4	97.79	4	369.35	4	640.90	4	900.36	4	1,171.91	4	1,443.11	4	1,714.55	4	1,984.17	4	2,255.28	4	2,526.37
1/4	103.50	1/4	375.01	1/4	646.31	1/4	906.02	1/4	1,177.56	1/4	1,448.75	1/4	1,720.20	1/4	1,989.82	1/4	2,260.93	1/4	2,532.02
1/2	109.22	1/2	380.67	1/2	651.71	1/2	911.67	1/2	1,183.22	1/2	1,454.40	1/2	1,725.86	1/2	1,995.47	1/2	2,266.58	1/2	2,537.67
3/4	114.93	3/4	386.34	3/4	657.12	3/4	917.33	3/4	1,188.88	3/4	1,460.05	3/4	1,731.51	3/4	2,001.12	3/4	2,272.22	3/4	2,543.32
5	120.65	5	392.00	5	662.53	5	922.99	5	1,194.53	5	1,465.69	5	1,737.17	5	2,006.76	5	2,277.87	5	2,548.97
1/4	126.29	1/4	397.66	1/4	667.93	1/4	928.65	1/4	1,200.19	1/4	1,471.34	1/4	1,742.82	1/4	2,012.41	1/4	2,283.52	1/4	2,554.62
1/2	131.94	1/2	403.32	1/2	673.33	1/2	934.30	1/2	1,205.85	1/2	1,476.99	1/2	1,748.47	1/2	2,018.06	1/2	2,289.17	1/2	2,560.28
3/4	137.58	3/4	408.99	3/4	678.73	3/4	939.96	3/4	1,211.51	3/4	1,482.63	3/4	1,754.13	3/4	2,023.71	3/4	2,294.81	3/4	2,565.94
6	143.22	6	414.65	6	684.14	6	945.62	6	1,217.16	6	1,488.28	6	1,759.78	6	2,029.36	6	2,300.46	6	2,571.59
1/4	148.66	1/4	420.31	1/4	689.52	1/4	951.27	1/4	1,222.82	1/4	1,493.93	1/4	1,765.41	1/4	2,035.01	1/4	2,306.11	1/4	2,577.25
1/2	154.09	1/2	425.97	1/2	694.91	1/2	956.93	1/2	1,228.48	1/2	1,499.57	1/2	1,771.04	1/2	2,040.65	1/2	2,311.76	1/2	2,582.91
3/4	159.53	3/4	431.64	3/4	700.29	3/4	962.59	3/4	1,234.13	3/4	1,505.22	3/4	1,776.67	3/4	2,046.30	3/4	2,317.40	3/4	2,588.57
7	164.97	7	437.30	7	705.68	7	968.25	7	1,239.79	7	1,510.87	7	1,782.30	7	2,051.95	7	2,323.05	7	2,594.23
1/4	170.47	1/4	442.96	1/4	711.06	1/4	973.90	1/4	1,245.45	1/4	1,516.52	1/4	1,787.85	1/4	2,057.60	1/4	2,328.70	1/4	2,599.90
1/2	175.97	1/2	448.63	1/2	716.45	1/2	979.56	1/2	1,251.10	1/2	1,522.17	1/2	1,793.41	1/2	2,063.25	1/2	2,334.35	1/2	2,605.57
3/4	181.48	3/4	454.29	3/4	721.83	3/4	985.22	3/4	1,256.76	3/4	1,527.82	3/4	1,798.96	3/4	2,068.90	3/4	2,339.99	3/4	2,611.24
8	186.98	8	459.95	8	727.22	8	990.87	8	1,262.41	8	1,533.47	8	1,804.51	8	2,074.54	8	2,345.64	8	2,616.91
1/4	192.68	1/4	465.61	1/4	732.60	1/4	996.53	1/4	1,268.06	1/4	1,539.13	1/4	1,810.07	1/4	2,080.19	1/4	2,351.29	1/4	2,622.58
1/2	198.38	1/2	471.28	1/2	737.99	1/2	1,002.19	1/2	1,273.71	1/2	1,544.79	1/2	1,815.62	1/2	2,085.84	1/2	2,356.94	1/2	2,628.24
3/4	204.09	3/4	476.94	3/4	743.37	3/4	1,007.85	3/4	1,279.35	3/4	1,550.45	3/4	1,821.17	3/4	2,091.49	3/4	2,362.58	3/4	2,633.91
9	209.79	9	482.60	9	748.76	9	1,013.50	9	1,285.00	9	1,556.11	9	1,826.72	9	2,097.14	9	2,368.23	9	2,639.58
1/4	215.49	1/4	488.26	1/4	754.14	1/4	1,019.16	1/4	1,290.65	1/4	1,561.77	1/4	1,832.27	1/4	2,102.79	1/4	2,373.88	1/4	2,645.25
1/2	221.19	1/2	493.93	1/2	759.53	1/2	1,024.82	1/2	1,296.29	1/2	1,567.43	1/2	1,837.81	1/2	2,108.43	1/2	2,379.53	1/2	2,650.92
3/4	226.90	3/4	499.59	3/4	764.91	3/4	1,030.48	3/4	1,301.94	3/4	1,573.09	3/4	1,843.36	3/4	2,114.08	3/4	2,385.18	3/4	2,656.59
10	232.60	10	505.25	10	770.30	10	1,036.13	10	1,307.59	10	1,578.75	10	1,848.90	10	2,119.73	10	2,390.82	10	2,662.26
1/4	238.30	1/4	510.92	1/4	775.69	1/4	1,041.79	1/4	1,313.23	1/4	1,584.41	1/4	1,854.48	1/4	2,125.38	1/4	2,396.47	1/4	2,667.94
1/2	244.00	1/2	516.58	1/2	781.07	1/2	1,047.45	1/2	1,318.88	1/2	1,590.07	1/2	1,860.05	1/2	2,131.03	1/2	2,402.12	1/2	2,673.61
3/4	249.71	3/4	522.24	3/4	786.46	3/4	1,053.10	3/4	1,324.53	3/4	1,595.73	3/4	1,865.63	3/4	2,136.68	3/4	2,407.77	3/4	2,679.29
11	255.41	11	527.90	11	791.84	11	1,058.76	11	1,330.17	11	1,601.40	11	1,871.20	11	2,142.33	11	2,413.41	11	2,684.96
1/4	261.11	1/4	533.57	1/4	797.23	1/4	1,064.42	1/4	1,335.82	1/4	1,607.06	1/4	1,876.85	1/4	2,147.97	1/4	2,419.06	1/4	2,689.92
1/2	266.81	1/2	539.23	1/2	802.61	1/2	1,070.08	1/2	1,341.47	1/2	1,612.72	1/2	1,882.50	1/2	2,153.62	1/2	2,424.71	1/2	2,694.87
3/4	272.51	3/4	544.89	3/4	808.00	3/4	1,075.73	3/4	1,347.11	3/4	1,618.38	3/4	1,888.15	3/4	2,159.27	3/4	2,430.36	3/4	2,699.83

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 1" DIAMETER CAP ON "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD

GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MM 118"

4 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	2,704.79	0	2,841.46	0	2,978.27	0	3,114.83	0	3,251.22	0		0		0		0		0	
1/4	2,707.61	1/4	2,844.31	1/4	2,981.12	1/4	3,117.67	1/4	3,253.92	1/4		1/4		1/4		1/4		1/4	
1/2	2,710.42	1/2	2,847.16	1/2	2,983.97	1/2	3,120.51	1/2	3,256.62	1/2		1/2		1/2		1/2		1/2	
3/4	2,713.24	3/4	2,850.01	3/4	2,986.82	3/4	3,123.35	3/4	3,259.33	3/4		3/4		3/4		3/4		3/4	
1	2,716.06	1	2,852.86	1	2,989.67	1	3,126.20	1	3,262.03	1		1		1		1		1	
1/4	2,718.91	1/4	2,855.71	1/4	2,992.52	1/4	3,129.04	1/4	3,264.15	1/4		1/4		1/4		1/4		1/4	
1/2	2,721.76	1/2	2,858.56	1/2	2,995.37	1/2	3,131.88	1/2	3,266.26	1/2		1/2		1/2		1/2		1/2	
3/4	2,724.61	3/4	2,861.41	3/4	2,998.22	3/4	3,134.72	3/4	3,268.38	3/4		3/4		3/4		3/4		3/4	
2	2,727.46	2	2,864.26	2	3,001.07	2	3,137.57	2	3,270.50	2		2		2		2		2	
1/4	2,730.31	1/4	2,867.11	1/4	3,003.92	1/4	3,140.41	1/4	3,271.63	1/4		1/4		1/4		1/4		1/4	
1/2	2,733.16	1/2	2,869.96	1/2	3,006.77	1/2	3,143.25	1/2	3,272.76	1/2		1/2		1/2		1/2		1/2	
3/4	2,736.01	3/4	2,872.81	3/4	3,009.62	3/4	3,146.10	3/4	3,273.89	3/4		3/4		3/4		3/4		3/4	
3	2,738.86	3	2,875.66	3	3,012.47	3	3,148.94	3	3,275.02	3		3		3		3		3	
1/4	2,741.71	1/4	2,878.51	1/4	3,015.32	1/4	3,151.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,744.56	1/2	2,881.36	1/2	3,018.16	1/2	3,154.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,747.41	3/4	2,884.21	3/4	3,021.01	3/4	3,157.47	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,750.26	4	2,887.06	4	3,023.86	4	3,160.31	4		4		4		4		4		4	
1/4	2,753.11	1/4	2,889.91	1/4	3,026.70	1/4	3,163.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,755.96	1/2	2,892.76	1/2	3,029.54	1/2	3,166.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,758.81	3/4	2,895.61	3/4	3,032.38	3/4	3,168.84	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,761.66	5	2,898.46	5	3,035.23	5	3,171.68	5		5		5		5		5		5	
1/4	2,764.51	1/4	2,901.31	1/4	3,038.07	1/4	3,174.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,767.36	1/2	2,904.16	1/2	3,040.91	1/2	3,177.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,770.21	3/4	2,907.01	3/4	3,043.76	3/4	3,180.21	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,773.06	6	2,909.86	6	3,046.60	6	3,183.05	6		6		6		6		6		6	
1/4	2,775.91	1/4	2,912.71	1/4	3,049.44	1/4	3,185.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,778.76	1/2	2,915.56	1/2	3,052.28	1/2	3,188.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,781.61	3/4	2,918.41	3/4	3,055.13	3/4	3,191.58	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,784.46	7	2,921.26	7	3,057.97	7	3,194.42	7		7		7		7		7		7	
1/4	2,787.31	1/4	2,924.12	1/4	3,060.81	1/4	3,197.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,790.16	1/2	2,926.97	1/2	3,063.65	1/2	3,200.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,793.01	3/4	2,929.82	3/4	3,066.50	3/4	3,202.95	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,795.86	8	2,932.67	8	3,069.34	8	3,205.79	8		8		8		8		8		8	
1/4	2,798.71	1/4	2,935.52	1/4	3,072.18	1/4	3,208.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,801.56	1/2	2,938.37	1/2	3,075.03	1/2	3,211.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,804.41	3/4	2,941.22	3/4	3,077.87	3/4	3,214.32	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,807.26	9	2,944.07	9	3,080.71	9	3,217.17	9		9		9		9		9		9	
1/4	2,810.11	1/4	2,946.92	1/4	3,083.55	1/4	3,220.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,812.96	1/2	2,949.77	1/2	3,086.40	1/2	3,222.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,815.81	3/4	2,952.62	3/4	3,089.24	3/4	3,225.69	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,818.66	10	2,955.47	10	3,092.08	10	3,228.54	10		10		10		10		10		10	
1/4	2,821.51	1/4	2,958.32	1/4	3,094.93	1/4	3,231.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,824.36	1/2	2,961.17	1/2	3,097.77	1/2	3,234.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,827.21	3/4	2,964.02	3/4	3,100.61	3/4	3,237.06	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,830.06	11	2,966.87	11	3,103.45	11	3,239.90	11		11		11		11		11		11	
1/4	2,832.91	1/4	2,969.72	1/4	3,106.30	1/4	3,242.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,835.76	1/2	2,972.57	1/2	3,109.14	1/2	3,245.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,838.61	3/4	2,975.42	3/4	3,111.98	3/4	3,248.39	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/16/2018 CL
CALCULATED: 08/17/2018 CL
PRINTED: 08/18/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

PRECISION MEASUREMENT
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BARGE "MM 118"

4 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	15.73	0	278.45	0	552.69	0	826.62	0	1,100.77	0	1,375.11	0	1,649.45	0	1,923.79	0	2,198.12	0	2,472.43
1/4	19.66	1/4	284.15	1/4	558.40	1/4	832.32	1/4	1,106.48	1/4	1,380.82	1/4	1,655.16	1/4	1,929.50	1/4	2,203.84	1/4	2,478.15
1/2	23.59	1/2	289.85	1/2	564.12	1/2	838.02	1/2	1,112.20	1/2	1,386.54	1/2	1,660.88	1/2	1,935.22	1/2	2,209.55	1/2	2,483.86
3/4	27.52	3/4	295.56	3/4	569.83	3/4	843.72	3/4	1,117.91	3/4	1,392.25	3/4	1,666.59	3/4	1,940.93	3/4	2,215.27	3/4	2,489.58
1	31.45	1	301.26	1	575.55	1	849.42	1	1,123.63	1	1,397.97	1	1,672.31	1	1,946.65	1	2,220.99	1	2,495.29
1/4	36.62	1/4	306.96	1/4	581.26	1/4	855.12	1/4	1,129.34	1/4	1,403.68	1/4	1,678.02	1/4	1,952.36	1/4	2,226.70	1/4	2,501.01
1/2	41.79	1/2	312.67	1/2	586.98	1/2	860.82	1/2	1,135.06	1/2	1,409.40	1/2	1,683.74	1/2	1,958.08	1/2	2,232.41	1/2	2,506.72
3/4	46.96	3/4	318.37	3/4	592.69	3/4	866.52	3/4	1,140.78	3/4	1,415.11	3/4	1,689.45	3/4	1,963.79	3/4	2,238.13	3/4	2,512.43
2	52.13	2	324.08	2	598.41	2	872.22	2	1,146.49	2	1,420.83	2	1,695.17	2	1,969.51	2	2,243.84	2	2,518.15
1/4	57.83	1/4	329.79	1/4	604.12	1/4	877.93	1/4	1,152.21	1/4	1,426.55	1/4	1,700.88	1/4	1,975.22	1/4	2,249.56	1/4	2,523.86
1/2	63.52	1/2	335.51	1/2	609.84	1/2	883.63	1/2	1,157.92	1/2	1,432.26	1/2	1,706.60	1/2	1,980.94	1/2	2,255.27	1/2	2,529.58
3/4	69.21	3/4	341.22	3/4	615.55	3/4	889.34	3/4	1,163.64	3/4	1,437.98	3/4	1,712.32	3/4	1,986.65	3/4	2,260.99	3/4	2,535.29
3	74.90	3	346.94	3	621.27	3	895.04	3	1,169.35	3	1,443.69	3	1,718.03	3	1,992.37	3	2,266.70	3	2,541.01
1/4	80.61	1/4	352.65	1/4	626.98	1/4	900.75	1/4	1,175.07	1/4	1,449.41	1/4	1,723.75	1/4	1,998.09	1/4	2,272.42	1/4	2,546.72
1/2	86.32	1/2	358.37	1/2	632.70	1/2	906.46	1/2	1,180.78	1/2	1,455.12	1/2	1,729.46	1/2	2,003.80	1/2	2,278.13	1/2	2,552.44
3/4	92.03	3/4	364.08	3/4	638.41	3/4	912.17	3/4	1,186.50	3/4	1,460.84	3/4	1,735.18	3/4	2,009.52	3/4	2,283.85	3/4	2,558.15
4	97.74	4	369.80	4	644.13	4	917.87	4	1,192.21	4	1,466.55	4	1,740.89	4	2,015.23	4	2,289.56	4	2,563.87
1/4	103.45	1/4	375.51	1/4	649.84	1/4	923.59	1/4	1,197.93	1/4	1,472.27	1/4	1,746.61	1/4	2,020.95	1/4	2,295.28	1/4	2,569.58
1/2	109.17	1/2	381.23	1/2	655.56	1/2	929.31	1/2	1,203.64	1/2	1,477.98	1/2	1,752.32	1/2	2,026.66	1/2	2,300.99	1/2	2,575.30
3/4	114.88	3/4	386.94	3/4	661.27	3/4	935.02	3/4	1,209.36	3/4	1,483.70	3/4	1,758.04	3/4	2,032.38	3/4	2,306.71	3/4	2,581.01
5	120.60	5	392.66	5	666.99	5	940.74	5	1,215.08	5	1,489.41	5	1,763.75	5	2,038.09	5	2,312.42	5	2,586.73
1/4	126.25	1/4	398.38	1/4	672.70	1/4	946.45	1/4	1,220.79	1/4	1,495.13	1/4	1,769.47	1/4	2,043.81	1/4	2,318.14	1/4	2,592.44
1/2	131.89	1/2	404.09	1/2	678.41	1/2	952.17	1/2	1,226.51	1/2	1,500.85	1/2	1,775.18	1/2	2,049.52	1/2	2,323.85	1/2	2,598.16
3/4	137.54	3/4	409.81	3/4	684.12	3/4	957.88	3/4	1,232.22	3/4	1,506.56	3/4	1,780.90	3/4	2,055.24	3/4	2,329.56	3/4	2,603.87
6	143.19	6	415.52	6	689.83	6	963.60	6	1,237.94	6	1,512.28	6	1,786.62	6	2,060.95	6	2,335.28	6	2,609.58
1/4	148.63	1/4	421.24	1/4	695.53	1/4	969.31	1/4	1,243.65	1/4	1,517.99	1/4	1,792.33	1/4	2,066.67	1/4	2,340.99	1/4	2,615.30
1/2	154.08	1/2	426.95	1/2	701.23	1/2	975.03	1/2	1,249.37	1/2	1,523.71	1/2	1,798.05	1/2	2,072.39	1/2	2,346.71	1/2	2,621.01
3/4	159.53	3/4	432.67	3/4	706.93	3/4	980.74	3/4	1,255.08	3/4	1,529.42	3/4	1,803.76	3/4	2,078.10	3/4	2,352.42	3/4	2,626.73
7	164.97	7	438.38	7	712.63	7	986.46	7	1,260.80	7	1,535.14	7	1,809.48	7	2,083.82	7	2,358.14	7	2,632.44
1/4	170.48	1/4	444.10	1/4	718.33	1/4	992.17	1/4	1,266.51	1/4	1,540.85	1/4	1,815.19	1/4	2,089.53	1/4	2,363.85	1/4	2,638.15
1/2	176.00	1/2	449.81	1/2	724.03	1/2	997.89	1/2	1,272.23	1/2	1,546.57	1/2	1,820.91	1/2	2,095.25	1/2	2,369.57	1/2	2,643.85
3/4	181.51	3/4	455.53	3/4	729.73	3/4	1,003.61	3/4	1,277.94	3/4	1,552.28	3/4	1,826.62	3/4	2,100.96	3/4	2,375.28	3/4	2,649.55
8	187.02	8	461.24	8	735.43	8	1,009.32	8	1,283.66	8	1,558.00	8	1,832.34	8	2,106.68	8	2,381.00	8	2,655.26
1/4	192.74	1/4	466.96	1/4	741.13	1/4	1,015.04	1/4	1,289.38	1/4	1,563.71	1/4	1,838.05	1/4	2,112.39	1/4	2,386.71	1/4	2,660.93
1/2	198.45	1/2	472.67	1/2	746.83	1/2	1,020.75	1/2	1,295.09	1/2	1,569.43	1/2	1,843.77	1/2	2,118.11	1/2	2,392.43	1/2	2,666.60
3/4	204.17	3/4	478.39	3/4	752.53	3/4	1,026.47	3/4	1,300.81	3/4	1,575.15	3/4	1,849.48	3/4	2,123.82	3/4	2,398.14	3/4	2,672.27
9	209.88	9	484.10	9	758.23	9	1,032.18	9	1,306.52	9	1,580.86	9	1,855.20	9	2,129.54	9	2,403.86	9	2,677.94
1/4	215.60	1/4	489.82	1/4	763.93	1/4	1,037.90	1/4	1,312.24	1/4	1,586.58	1/4	1,860.92	1/4	2,135.25	1/4	2,409.57	1/4	2,683.61
1/2	221.31	1/2	495.53	1/2	769.63	1/2	1,043.61	1/2	1,317.95	1/2	1,592.29	1/2	1,866.63	1/2	2,140.97	1/2	2,415.28	1/2	2,689.29
3/4	227.03	3/4	501.25	3/4	775.33	3/4	1,049.33	3/4	1,323.67	3/4	1,598.01	3/4	1,872.35	3/4	2,146.69	3/4	2,421.00	3/4	2,694.96
10	232.74	10	506.96	10	781.03	10	1,055.04	10	1,329.38	10	1,603.72	10	1,878.06	10	2,152.40	10	2,426.71	10	2,700.63
1/4	238.46	1/4	512.68	1/4	786.72	1/4	1,060.76	1/4	1,335.10	1/4	1,609.44	1/4	1,883.78	1/4	2,158.12	1/4	2,432.43	1/4	2,706.30
1/2	244.17	1/2	518.39	1/2	792.42	1/2	1,066.48	1/2	1,340.81	1/2	1,615.15	1/2	1,889.49	1/2	2,163.83	1/2	2,438.14	1/2	2,711.97
3/4	249.89	3/4	524.11	3/4	798.12	3/4	1,072.19	3/4	1,346.53	3/4	1,620.87	3/4	1,895.21	3/4	2,169.55	3/4	2,443.86	3/4	2,717.64
11	255.60	11	529.82	11	803.82	11	1,077.91	11	1,352.25	11	1,626.58	11	1,900.92	11	2,175.26	11	2,449.57	11	2,723.31
1/4	261.32	1/4	535.54	1/4	809.52	1/4	1,083.62	1/4	1,357.96	1/4	1,632.30	1/4	1,906.64	1/4	2,180.98	1/4	2,455.29	1/4	2,728.27
1/2	267.03	1/2	541.26	1/2	815.22	1/2	1,089.34	1/2	1,363.68	1/2	1,638.02	1/2	1,912.35	1/2	2,186.69	1/2	2,461.00	1/2	2,733.22
3/4	272.74	3/4	546.97	3/4	820.92	3/4	1,095.05	3/4	1,369.39	3/4	1,643.73	3/4	1,918.07	3/4	2,192.41	3/4	2,466.72	3/4	2,738.18

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 1" DIAMETER CAP ON "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD
 GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD

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



BARGE "MM 118"

4 STBD 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	2,743.13	0	2,879.67	0	3,016.34	0	3,152.78	0	3,289.05	0		0		0		0		0	
1/4	2,745.94	1/4	2,882.52	1/4	3,019.19	1/4	3,155.62	1/4	3,291.75	1/4		1/4		1/4		1/4		1/4	
1/2	2,748.76	1/2	2,885.36	1/2	3,022.03	1/2	3,158.46	1/2	3,294.45	1/2		1/2		1/2		1/2		1/2	
3/4	2,751.57	3/4	2,888.21	3/4	3,024.88	3/4	3,161.30	3/4	3,297.15	3/4		3/4		3/4		3/4		3/4	
1	2,754.39	1	2,891.06	1	3,027.73	1	3,164.14	1	3,299.85	1		1		1		1		1	
1/4	2,757.24	1/4	2,893.91	1/4	3,030.58	1/4	3,166.98	1/4	3,301.96	1/4		1/4		1/4		1/4		1/4	
1/2	2,760.08	1/2	2,896.75	1/2	3,033.42	1/2	3,169.82	1/2	3,304.08	1/2		1/2		1/2		1/2		1/2	
3/4	2,762.93	3/4	2,899.60	3/4	3,036.27	3/4	3,172.66	3/4	3,306.19	3/4		3/4		3/4		3/4		3/4	
2	2,765.78	2	2,902.45	2	3,039.12	2	3,175.50	2	3,308.31	2		2		2		2		2	
1/4	2,768.63	1/4	2,905.30	1/4	3,041.97	1/4	3,178.34	1/4	3,309.44	1/4		1/4		1/4		1/4		1/4	
1/2	2,771.47	1/2	2,908.14	1/2	3,044.81	1/2	3,181.18	1/2	3,310.57	1/2		1/2		1/2		1/2		1/2	
3/4	2,774.32	3/4	2,910.99	3/4	3,047.66	3/4	3,184.02	3/4	3,311.70	3/4		3/4		3/4		3/4		3/4	
3	2,777.17	3	2,913.84	3	3,050.51	3	3,186.86	3	3,312.83	3		3		3		3		3	
1/4	2,780.01	1/4	2,916.68	1/4	3,053.35	1/4	3,189.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,782.86	1/2	2,919.53	1/2	3,056.20	1/2	3,192.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,785.71	3/4	2,922.38	3/4	3,059.05	3/4	3,195.38	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,788.56	4	2,925.23	4	3,061.90	4	3,198.22	4		4		4		4		4		4	
1/4	2,791.40	1/4	2,928.07	1/4	3,064.74	1/4	3,201.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,794.25	1/2	2,930.92	1/2	3,067.58	1/2	3,203.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,797.10	3/4	2,933.77	3/4	3,070.42	3/4	3,206.74	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,799.95	5	2,936.62	5	3,073.26	5	3,209.58	5		5		5		5		5		5	
1/4	2,802.79	1/4	2,939.46	1/4	3,076.10	1/4	3,212.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,805.64	1/2	2,942.31	1/2	3,078.94	1/2	3,215.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,808.49	3/4	2,945.16	3/4	3,081.78	3/4	3,218.10	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,811.33	6	2,948.01	6	3,084.62	6	3,220.94	6		6		6		6		6		6	
1/4	2,814.18	1/4	2,950.85	1/4	3,087.46	1/4	3,223.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,817.03	1/2	2,953.70	1/2	3,090.30	1/2	3,226.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,819.88	3/4	2,956.55	3/4	3,093.14	3/4	3,229.46	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,822.72	7	2,959.39	7	3,095.98	7	3,232.30	7		7		7		7		7		7	
1/4	2,825.57	1/4	2,962.24	1/4	3,098.82	1/4	3,235.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,828.42	1/2	2,965.09	1/2	3,101.66	1/2	3,237.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,831.27	3/4	2,967.94	3/4	3,104.50	3/4	3,240.82	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,834.11	8	2,970.78	8	3,107.34	8	3,243.66	8		8		8		8		8		8	
1/4	2,836.96	1/4	2,973.63	1/4	3,110.18	1/4	3,246.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,839.81	1/2	2,976.48	1/2	3,113.02	1/2	3,249.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,842.66	3/4	2,979.33	3/4	3,115.86	3/4	3,252.18	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,845.50	9	2,982.17	9	3,118.70	9	3,255.02	9		9		9		9		9		9	
1/4	2,848.35	1/4	2,985.02	1/4	3,121.54	1/4	3,257.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,851.20	1/2	2,987.87	1/2	3,124.38	1/2	3,260.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,854.04	3/4	2,990.71	3/4	3,127.22	3/4	3,263.54	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,856.89	10	2,993.56	10	3,130.06	10	3,266.38	10		10		10		10		10		10	
1/4	2,859.74	1/4	2,996.41	1/4	3,132.90	1/4	3,269.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,862.59	1/2	2,999.26	1/2	3,135.74	1/2	3,272.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,865.43	3/4	3,002.10	3/4	3,138.58	3/4	3,274.90	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,868.28	11	3,004.95	11	3,141.42	11	3,277.74	11		11		11		11		11		11	
1/4	2,871.13	1/4	3,007.80	1/4	3,144.26	1/4	3,280.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,873.98	1/2	3,010.65	1/2	3,147.10	1/2	3,283.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,876.82	3/4	3,013.49	3/4	3,149.94	3/4	3,286.22	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/16/2018 CL
CALCULATED: 08/17/2018 CL
PRINTED: 08/18/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

PRECISION MEASUREMENT
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