

BARGE "E2MS 304"

INNAGE (HERMETIC OR 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	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8
1 STBD	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8
2 PORT	00-0/8	-00-0/8	00-0/8	-00-0/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8
2 STBD	00-0/8	-00-0/8	00-0/8	-00-0/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8
3 PORT	-00-5/8	00-5/8	-01-3/8	01-3/8	-02-0/8	02-0/8	-02-3/4	02-3/4	-03-3/8	03-3/8	-04-1/8	04-1/8
3 STBD	-00-5/8	00-5/8	-01-3/8	01-3/8	-02-0/8	02-0/8	-02-3/4	02-3/4	-03-3/8	03-3/8	-04-1/8	04-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

$$\begin{aligned} \text{FWD. DRAFT} &= 2\text{'-}00\text{''} \\ \text{AFT DRAFT} &= 6\text{'-}00\text{''} \\ \text{DIFF.} &= 4\text{'-}00\text{''} \quad (\text{DOWN BY STERN}) \end{aligned}$$

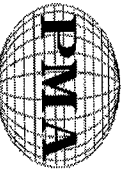
THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 235'-06"

July 29, 2014

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "E2MS 304"

1 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

Table with 18 columns: 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. Each column contains numerical values representing capacity in barrels.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

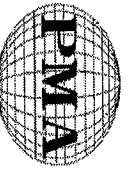
BARGE STAPPED AND COMPUTED IN ACCORDANCE WITH IMPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK. CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO 8 INCH HATCH OR TOP LIP OF 2" HERMETIC VALVE. GAUGE POINT: (8 INCH HATCH OR HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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Signature of Paul R. ...



BARGE "E2MS 304"

1 STBD

INNAGE TABLE

GAUGE HEIGHT 15'-02 1/2"

Table with columns: 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. Rows contain numerical data for various measurements.

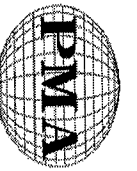
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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Signature of R. K. ...

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS... BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS CHAPTER 2.7...



BARGE "E2MS 304"

3 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Table with columns for length (10 FT. to 19 FT.), gauge height (15'-02" to 112"), and various capacity values. Includes a 'CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.' note.

GAUGE HEIGHT 15'-02" 112"

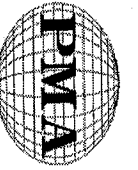
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ALL PRIOR TO 07/2014

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[Signature]



BARGE "E2MS 304"

FUEL TANK
INNAGE TABLE

GAUGE HEIGHT 6'-10"

Table with columns for Gauge Height (0 to 9 FT.) and Innage (0 to 304). The table contains capacity data for a barge named 'E2MS 304'. The top header reads 'CAPACITIES GIVEN IN WHOLE GALLONS'. The table is organized into a grid where the first row is the header for the gauge height and the subsequent rows correspond to the '0 FT.' through '9 FT.' increments. The first column is labeled 'IN' and the subsequent columns are labeled '0', '1 FT.', '2 FT.', '3 FT.', '4 FT.', '5 FT.', '6 FT.', '7 FT.', '8 FT.', and '9 FT.'. Each cell in the grid contains a numerical value representing capacity in gallons, followed by a small fraction (e.g., 1/4, 1/2, 3/4) in the bottom right corner of the cell.

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

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