



UNITED STATES OF AMERICA  
 U.S. DEPARTMENT OF HOMELAND SECURITY  
 UNITED STATES COAST GUARD

## TEMPORARY CERTIFICATE OF INSPECTION

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number.

The Coast Guard estimates that the average burden for this report is 5 mins. You may submit any comments concerning the accuracy of this burden estimate or any suggestion reducing the burden to: Commandant (G-MOC), U.S. Coast Guard, Washington, DC 20593-0001 or Office of Management and Budget, Paperwork Reduction Project (1625-0057), Washington, DC 20503.

This Temporary Certificate of Inspection is issued under the provisions of Title 46 United States Code, Section 399, in lieu of the regular certificate of inspection, and shall be in force only until the receipt on board said vessel of the original certificate of inspection, this certificate in no case to be valid after one year from the date of inspection.

|  |            |                                     |
|--|------------|-------------------------------------|
| VESSEL<br><b>E2MS 103</b>                |            | OFFICIAL NUMBER<br><b>1287341</b>   |
| CLASS<br><b>TANK BARGE</b>               | GROSS TONS | HOME PORT<br><b>NEW ORLEANS, LA</b> |
| OWNER/ADDRESS<br><br><b>SEE ATTACHED</b> |            | OPERATOR/ADDRESS                    |

The following complement of licensed officers and crew is required to be carried; included in which there must be \_\_\_\_\_ Certificated Lifeboatment and \_\_\_\_\_ Certificated Tankermen:

|                  |                                |                       |                          |                            |
|------------------|--------------------------------|-----------------------|--------------------------|----------------------------|
| _____ Master     | _____ Master & 1st Class Pilot | _____ Able Seamen     | _____ Chief Engineer     | _____ Fireman/Watertenders |
| _____ Chief Mate | _____ Class Pilot              | _____ Ordinary Seamen | _____ 1st Asst. Engineer | _____ Oilers               |
| _____ 2nd Mate   | _____ Radio Officer            | _____ Deckhands       | _____ 2nd Asst. Engineer |                            |
| _____ Mate(s)    | _____ Operator(s)              |                       | _____ Engineer(s)        |                            |

In addition the vessel may carry \_\_\_\_\_ other persons in the crew, \_\_\_\_\_ passengers, \_\_\_\_\_ persons in addition to the crew, and \_\_\_\_\_ Total persons allowed \_\_\_\_\_

|   |                                    |
|---|------------------------------------|
| Maximum steam pressure allowed _____ p.s.i. | DATE DRYDOCKED<br><b>22 AUG 18</b> |
|---|------------------------------------|

ROUTE PERMITTED AND CONDITIONS OF OPERATION

**SEE ATTACHED**

INSPECTED AND APPROVED FOR THE CARRIAGE OF

**SEE ATTACHED**

Inspection of the above vessel was completed on **22 AUG 18** I HEREBY CERTIFY that on this date the vessel was in all respects in conformity with applicable vessel inspection laws and regulations prescribed thereunder.

|   |                 |
|---|-----------------|
| OFFICER IN CHARGE, MARINE INSPECTION<br><b>RANDY S. WASHINGTON, BY DIRECTOR</b> | INSPECTION ZONE |
|---|-----------------|



**United States of America  
Department of Homeland Security  
United States Coast Guard**

|                     |             |
|---------------------|-------------|
| Certification Date: | 22 Aug 2018 |
| Expiration Date:    | 22 Aug 2019 |

# Temporary Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V/14, for a SAFE MANNING DOCUMENT.

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|             |                 |            |           |            |
|-------------|-----------------|------------|-----------|------------|
| Vessel Name | Official Number | IMO Number | Call Sign | Service    |
| E2MS 103    | 1287341         |            |           | Tank Barge |

|                 |               |            |            |
|-----------------|---------------|------------|------------|
| Hailing Port    | Hull Material | Horsepower | Propulsion |
| NEW ORLEANS, LA | Steel         |            |            |
| UNITED STATES   |               |            |            |

|                  |               |                |            |          |     |         |
|------------------|---------------|----------------|------------|----------|-----|---------|
| Place Built      | Delivery Date | Keel Laid Date | Gross Tons | Net Tons | DWT | Length  |
| ASHLAND CITY, TN |               |                | R-705      | R-705    |     | R-200.0 |
| UNITED STATES    |               |                | -          | -        |     | -0      |

|   |  |
|---|--|
| Owner   | Operator   |
| AMERICAN INLAND MARINE LLC<br>2315 FLORIDA ST BLDG 200 SUITE 120<br>MANDEVILLE, LA 70448<br>UNITED STATES | E SQUARED MARINE SERVICE LLC<br>1102 S FRIENDSWOOD DRIVE SUITE BPO BOX 324<br>FRIENDSWOOD, TX 77549<br>UNITED STATES |

This vessel must be manned with the following licensed and unlicensed Personnel. Included in which there must be 0 Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.

|                            |                      |                              |          |
|----------------------------|----------------------|------------------------------|----------|
| 0 Masters                  | 0 Licensed Mates     | 0 Chief Engineers            | 0 Oilers |
| 0 Chief Mates              | 0 First Class Pilots | 0 First Assistant Engineers  |          |
| 0 Second Mates             | 0 Radio Officers     | 0 Second Assistant Engineers |          |
| 0 Third Mates              | 0 Able Seamen        | 0 Third Assistant Engineers  |          |
| 0 Master First Class Pilot | 0 Ordinary Seamen    | 0 Licensed Engineers         |          |
| 0 Mate First Class Pilots  | 0 Deckhands          | 0 Qualified Member Engineer  |          |

In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0

**Route Permitted And Conditions Of Operation:**  
**---Lakes, Bays, and Sounds plus Limited Coastwise---**

Also, in fair weather only, limited coastwise, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida. (does not require a loadline certificate.)

This vessel has been granted a fresh water service examination interval in accordance with 46 CFR 31.10-21(a) (2). If this vessel is operated in salt water more than six months in any twelve month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a) (1) and the cognizant OCMI notified in writing as soon as this change in status occurs.

**\*\*\*SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION\*\*\***

With this Inspection for Certification having been completed at ASHLAND CITY, TN, UNITED STATES, the Officer in Charge, Marine Inspection, Sector Ohio Valley certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

|                               |      |       |           |   |
|-------------------------------|------|-------|-----------|---|
| Annual/Periodic/Re-Inspection |      |       |           | This certificate issued by:<br>R.S. WADDINGTON CDR, USCG, By Direction<br>Officer in Charge, Marine Inspection<br>Sector Ohio Valley<br>Inspection Zone |
| Date                          | Zone | A/P/R | Signature |   |
|                               |      |       |           |   |
|                               |      |       |           |   |
|                               |      |       |           |   |



# Temporary Certificate of Inspection

Vessel Name: E2MS 103

### ---Hull Exams---

| Exam Type          | Next Exam | Last Exam | Prior Exam |
|--------------------|-----------|-----------|------------|
| DryDock            | 31Aug2028 | 22Aug2018 |            |
| Internal Structure | 31Aug2023 | 22Aug2018 |            |

### --- Liquid/Gas/Solid Cargo Authority/Conditions ---

Authorization: FLAMMABLE/COMBUSTIBLE LIQUIDS IN 46 CFR TABLE 30.25-1 AND SPECIFIED HAZARDOUS CARGOES.

| Total Capacity | Units   | Highest Grade Type | Part151 Regulated | Part153 Regulated | Part154 Regulated |
|----------------|---------|--------------------|-------------------|-------------------|-------------------|
| 10959          | Barrels | A                  | Yes               | No                | No                |

### \*Hazardous Bulk Solids Authority\*

Not Authorized

### \*Loading Constraints - Structural\*

| Tank Number | Max Cargo Weight per Tank (short tons) | Maximum Density (lbs/gal) |
|-------------|--|---------------------------|
| 1C          | 590                                    | 13.58                     |
| 2C          | 668                                    | 13.58                     |
| 3C          | 590                                    | 13.58                     |

### \*Loading Constraints - Stability\*

| Hull Type | Maximum Load (short tons) | Maximum Draft (ft/in) | Max Density (lbs/gal) | Route Description |
|-----------|---------------------------|-----------------------|-----------------------|-------------------|
| III       | 1741                      | 10ft 4in              | 8.74                  | LBS               |
| III       | 1741                      | 10ft 4in              | 9.16                  | LBS               |
| III       | 1759                      | 10ft 5in              | 9.58                  | LBS               |
| III       | 1759                      | 10ft 5in              | 9.99                  | LBS               |
| III       | 1759                      | 10ft 5in              | 10.41                 | LBS               |
| III       | 1741                      | 10ft 4in              | 10.83                 | LBS               |
| III       | 1723                      | 10ft 3in              | 11.24                 | LBS               |
| III       | 1723                      | 10ft 3in              | 11.66                 | LBS               |
| III       | 1705                      | 10ft 2in              | 12.08                 | LBS               |
| III       | 1705                      | 10ft 2in              | 12.49                 | LBS               |
| III       | 1687                      | 10ft 1in              | 12.91                 | LBS               |
| III       | 1669                      | 10ft 0in              | 13.33                 | LBS               |
| III       | 1669                      | 10ft 0in              | 13.58                 | LBS               |
| III       | 1799                      | 10ft 7in              | 8.74                  | R                 |
| III       | 18767                     | 10ft 11in             | 9.16                  | R                 |
| III       | 1885                      | 11ft 0in              | 9.58                  | R                 |
| III       | 1903                      | 11ft 1in              | 9.99                  | R                 |



United States of America  
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 United States Coast Guard

Certification Date: 22 Aug 2018

Expiration Date: 22 Aug 2019

# Temporary Certificate of Inspection

Vessel Name: E2MS 103

|     |      |           |       |     |
|-----|------|-----------|-------|-----|
| III | 1903 | 11ft 1in  | 10.41 | R   |
| III | 1903 | 11ft 1in  | 10.83 | R   |
| III | 1903 | 11ft 1in  | 11.24 | R   |
| III | 1903 | 11ft 1in  | 11.66 | R   |
| III | 1867 | 10ft 11in | 12.08 | R   |
| III | 1867 | 10ft 11in | 12.49 | R   |
| III | 1867 | 10ft 11in | 12.91 | R   |
| III | 1849 | 10ft 10in | 13.33 | R   |
| III | 1849 | 10ft 10in | 13.58 | R   |
| II  | 1508 | 9ft 3in   | 8.74  | LBS |
| II  | 1508 | 9ft 3in   | 9.16  | LBS |
| II  | 1508 | 9ft 3in   | 9.58  | LBS |
| II  | 1508 | 9ft 3in   | 9.99  | LBS |
| II  | 1508 | 9ft 3in   | 10.41 | LBS |
| II  | 1508 | 9ft 3in   | 10.83 | LBS |
| II  | 1508 | 9ft 3in   | 11.24 | LBS |
| II  | 1508 | 9ft 3in   | 11.66 | LBS |
| II  | 1508 | 9ft 3in   | 12.08 | LBS |
| II  | 1508 | 9ft 3in   | 12.49 | LBS |
| II  | 1508 | 9ft 3in   | 12.91 | LBS |
| II  | 1508 | 9ft 3in   | 13.33 | LBS |
| II  | 1508 | 9ft 3in   | 13.58 | LBS |
| II  | 1508 | 9ft 3in   | 8.74  | R   |
| II  | 1508 | 9ft 3in   | 9.16  | R   |
| II  | 1508 | 9ft 3in   | 9.58  | R   |
| II  | 1508 | 9ft 3in   | 9.99  | R   |
| II  | 1508 | 9ft 3in   | 10.41 | R   |
| II  | 1508 | 9ft 3in   | 10.83 | R   |
| II  | 1508 | 9ft 3in   | 11.24 | R   |
| II  | 1508 | 9ft 3in   | 11.66 | R   |
| II  | 1508 | 9ft 3in   | 12.08 | R   |
| II  | 1508 | 9ft 3in   | 12.49 | R   |
| II  | 1508 | 9ft 3in   | 12.91 | R   |
| II  | 1508 | 9ft 3in   | 13.33 | R   |
| II  | 1508 | 9ft 3in   | 13.58 | R   |
| I   | 1401 | 8ft 9in   | 8.74  | LBS |



# Temporary Certificate of Inspection

Vessel Name: E2MS 103

|   |      |         |       |     |
|---|------|---------|-------|-----|
| I | 1401 | 8ft 9in | 9.16  | LBS |
| I | 1401 | 8ft 9in | 9.56  | LBS |
| I | 1401 | 8ft 9in | 9.99  | LBS |
| I | 1401 | 8ft 9in | 10.41 | LBS |
| I | 1401 | 8ft 9in | 10.83 | LBS |
| I | 1401 | 8ft 9in | 11.24 | LBS |
| I | 1401 | 8ft 9in | 11.66 | LBS |
| I | 1401 | 8ft 9in | 12.08 | LBS |
| I | 1401 | 8ft 9in | 12.49 | LBS |
| I | 1401 | 8ft 9in | 12.91 | LBS |
| I | 1401 | 8ft 9in | 13.33 | LBS |
| I | 1401 | 8ft 9in | 13.58 | LBS |
| I | 1401 | 8ft 9in | 8.74  | R   |
| I | 1401 | 8ft 9in | 9.16  | R   |
| I | 1401 | 8ft 9in | 9.58  | R   |
| I | 1401 | 8ft 9in | 9.99  | R   |
| I | 1401 | 8ft 9in | 10.41 | R   |
| I | 1401 | 8ft 9in | 10.83 | R   |
| I | 1401 | 8ft 9in | 11.24 | R   |
| I | 1401 | 8ft 9in | 11.66 | R   |
| I | 1401 | 8ft 9in | 12.08 | R   |
| I | 1401 | 8ft 9in | 12.49 | R   |
| I | 1401 | 8ft 9in | 12.91 | R   |
| I | 1401 | 8ft 9in | 13.33 | R   |
| I | 1401 | 8ft 9in | 13.58 | R   |

**\*Conditions Of Carriage\***

Only those cargoes named in the vessel's Cargo Authority Attachment, Serial No. C1-1802279, dated July 16, 2018 may be carried and then only in the tanks indicated.

Per 46 CFR 150.130, the person in charge of the vessel is responsible for ensuring the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the reactive group numbers from the "Compat Group No" column listed in the vessel's Cargo Authority Attachment.

The maximum design density of cargo which may be filled to the tank top is 8.74 lbs/gal. Cargoes with higher densities, up to 13.58 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

Note: per 46 CFR 151.10-15(c)(2) the maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter "O" cargoes at shallower drafts, the barge should always be loaded uniformly.

**\*Vapor Control Authorization\***



# Temporary Certificate of Inspection

Vessel Name: E2MS 103

In accordance with 46 CFR Part 39, excluding part 39.4000, this vessel's vapor collection system has been inspected to the plans approved by, dated, and extended by MSC Letter C1-1802779, dated July 18, 2018, and has been found acceptable for the collection of bulk liquid cargo vapors annotated with "Yes" in the CAA's VCS column of the vessel's Cargo Authority Attachment. The VCS system has been approved with a pressure side 2.5 psig P/V valve with Coast Guard Approval 162.017/167/4. The cargo tank top is suitable for a maximum allowable working pressure (MAWP) of 3 psi.

When the vessel is carrying cargoes containing greater than 0.5% benzene, the person in charge is responsible for ensuring the provisions of 46 US Code of Federal Regulations Part 197, Subpart C are applied.

In accordance with 46 CFR Part 39.1017 and 39.5000(e) this vessel's VCS has been evaluated and approved for multi-breasted tandem loading with other vessels specifically approved to tandem load with this vessel.

### --- Inspection Status ---

#### \*Fuel Tanks\*

| Tank ID  | Internal Examinations |           |      |
|----------|-----------------------|-----------|------|
|          | Previous              | Last      | Next |
| Fuel-aft | -                     | 22Aug2018 | -    |

#### \*Cargo Tanks\*

| Tank Id | Internal Exam |           |           | External Exam |      |      |
|---------|---------------|-----------|-----------|---------------|------|------|
|         | Previous      | Last      | Next      | Previous      | Last | Next |
| 1C      | -             | 22Aug2018 | 31Aug2028 | -             | -    | -    |
| 2C      | -             | 22Aug2018 | 31Aug2028 | -             | -    | -    |
| 3C      | -             | 22Aug2018 | 31Aug2028 | -             | -    | -    |

#### Hydro Test

| Tank Id | Safety Valves |      | Previous | Last      | Next |
|---------|---------------|------|----------|-----------|------|
|         | Previous      | Last |          |           |      |
| 1C      | -             | -    | -        | 22Aug2018 | -    |
| 2C      | -             | -    | -        | 22Aug2018 | -    |
| 3C      | -             | -    | -        | 22Aug2018 | -    |

### ---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

### --- Fire Fighting Equipment ---

#### \*Fire Extinguishers - Hand portable and semi-portable\*

| Quantity | Class Type |
|----------|------------|
| 2        | 40-B       |

\*\*\*END\*\*\*