



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

Certification Date: 14 Aug 2019  
Expiration Date: 14 Aug 2020

# 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.

This Temporary Certificate of Inspection is issued under the provision 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 Name | Official Number | IMO Number | Call Sign | Service    |
| E2MS 314    | 1292164         |            |           | 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  |
| Madisonville, LA | 14Aug2019     | 18Mar2019      | R-1619     | R-1619   |     | R-279.5 |
| UNITED STATES    |               |                | I-         | I-       |     | I-0     |

|   |   |
|---|---|
| Owner   | Operator  |
| E2MS 100, LLC<br>15635 Jacintoport Blvd. Ste. 202<br>Houston, TX 77015<br>UNITED STATES | E SQUARED MARINE SERVICE LLC<br>16936 Market Street<br>Channelview, TX 77530<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---**

Also, in fair weather only, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

This vessel has been granted a fresh water service examination interval in accordance with 46 CFR Table 31.10-21(b); if this vessel is operated in salt water more than six (6) months in any twelve (12) month period, the vessel must be inspected using salt water intervals 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 New Orleans, LA, UNITED STATES, the Officer in Charge, Marine Inspection, Sector New Orleans 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><b>M.N. COCHRAN</b> COMMANDER, by direction<br>Officer in Charge, Marine Inspection<br>Sector New Orleans<br>Inspection Zone |
| Date                          | Zone | A/P/R | Signature |  |
|                               |      |       |           |  |
|                               |      |       |           |  |
|                               |      |       |           |  |



# Temporary Certificate of Inspection

Vessel Name: E2MS 314

### ---Hull Exams---

| Exam Type          | Next Exam | Last Exam | Prior Exam |
|--------------------|-----------|-----------|------------|
| DryDock            | 31Aug2029 | 13Aug2019 |            |
| Internal Structure | 31Aug2024 | 09Aug2019 |            |

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

Authorization: GRADE "A" AND SPECIFIED HAZARADOUS CARGOES.

| Total Capacity | Units   | Highest Grade Type | Part151 Regulated | Part153 Regulated | Part154 Regulated |
|----------------|---------|--------------------|-------------------|-------------------|-------------------|
| 29192          | 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) |
|-------------|--|---------------------------|
| 1 P/S       | 862                                    | 13.6                      |
| 2 P/S       | 874                                    | 13.6                      |
| 3 P/S       | 763                                    | 13.6                      |

#### \*Loading Constraints - Stability\*

| Hull Type | Maximum Load (short tons) | Maximum Draft (ft/in) | Max Density (lbs/gal) | Route Description |
|-----------|---------------------------|-----------------------|-----------------------|-------------------|
| II        | 4012                      | 10ft 5in              | 13.6                  | R, LB/S           |
| III       | 4760                      | 11ft 11in             | 13.6                  | R, LB/S           |

#### \*Conditions Of Carriage\*

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Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial\$ C1-1900965, dated 11Apr19, and Grade "A" and lower cargoes 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 that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using figures, tables and appendices of 46 CFR 150 in conjunction with the compatibility group numbers from the "COMPAT GRP" column listed in the vessel's CAA.

When the vessel is carrying cargoes containing greater than 0.5% benzene, the Person In Charge is responsible for ensuring the provisions of 46 CFR 197, Subpart C are applied.

##### \*Stability and Trim\*

Cargo tanks must be loaded uniformly whenever a 46 CFR Subchapter "O" cargo is carried; for trim purposes, the weight of cargo in each tank may exceed the uniformly loaded tank cargo weight by at most 5 percent.

The maximum density of cargo which may be filled to the tank top is 8.74 lbs/gal. Cargoes with higher densities, up to 13.6 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

##### \*Vapor Control Authorization\*

In accordance with 46 CFR 39, excluding 46 CFR 39.40, this vessel's vapor control system has been inspected to the plans approved by Marine Safety Center letter Serial# C1-1900965 dated 11Apr19 and the list of authorized cargoes on the CAA,



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Serial# C1-1900965 dated 11Apr19, and found acceptable for collection of bulk liquid cargo vapors annotated with "Yes" in the CAA's VCS column.

In accordance with 46 CFR Part 39.1017 and 39.5001(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 ---

#### \*Cargo Tanks\*

| Tank Id | Internal Exam |           |           | External Exam |      |      |
|---------|---------------|-----------|-----------|---------------|------|------|
|         | Previous      | Last      | Next      | Previous      | Last | Next |
| 1 P/S   | -             | 09Aug2019 | 31Aug2029 | -             | -    | -    |
| 2 P/S   | -             | 09Aug2019 | 31Aug2029 | -             | -    | -    |
| 3 P/S   | -             | 09Aug2019 | 31Aug2029 | -             | -    | -    |

#### Hydro Test

| Tank Id | Safety Valves | Hydro Test |      |      |
|---------|---------------|------------|------|------|
|         |               | Previous   | Last | Next |
| 1 P/S   | -             | -          | -    | -    |
| 2 P/S   | -             | -          | -    | -    |
| 3 P/S   | -             | -          | -    | -    |

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

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

| Quantity | Class Type |
|----------|------------|
| 2        | B-II       |

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