



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

Certification Date:	19 Jun 2020
Expiration Date:	19 Jun 2025

# 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.

Vessel Name	Official Number	IMO Number	Call Sign	Service
E2MS 109	1303301			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	19Jun2020	20May2020	R-735	R-735		R-200.0
UNITED STATES			I-	I-		I-0

Owner	Operator
E SQUARED MARINE SERVICES, LLC 16936 MARKET STREET CHANNELVIEW, TX 77530 UNITED STATES	FLORIDA MARINE LLC 2360 5TH STREET MANDEVILLE, LA 70471 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			
Date	Zone	A/P/R	Signature

This Amended certificate issued by:  
**M. N. COCHRAN** COMMANDER, by direction  
 Officer in Charge, Marine Inspection  
**Sector New Orleans**  
 Inspection Zone



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Vessel Name: E2MS 109

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	19Jun2030	19Jun2020	
Internal Structure	19Jun2025	19Jun2020	

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

Authorization: GRADE "A" AND LOWER AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
11354	Barrels	A	Yes	No	No

#### \*Hazardous Bulk Solids Authority\*

#### \*Loading Constraints - Structural\*

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
C1	859	14.2
C2	767	14.2
C3	756	14.2

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

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1881	10ft 11in	14.2	R
III	1682	10ft 0in	14.2	LBS
II	1538	9ft 3in	14.2	R
II	1538	9ft 3in	14.2	LBS

#### \*Conditions Of Carriage\*

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Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial C1-2001405, dated 04MAY2020, 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 10.0 lbs/gal. Cargoes with higher densities, up to 14.2 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 C1-2001405 dated 04MAY2020 and the list of authorized cargoes on the CAA, Serial C1-2001405 dated 04MAY2020, and found acceptable for collection of bulk liquid cargo vapors annotated with "Yes" in



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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 ---

#### \*Fuel Tanks\*

Tank ID	Internal Examinations		
	Previous	Last	Next
Bow	-	12May2020	-

#### \*Cargo Tanks\*

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
C1	-	19Jun2020	19Jun2030	-	19Jun2020	19Jun2025
C2	-	19Jun2020	19Jun2030	-	19Jun2020	19Jun2025
C3	-	19Jun2020	19Jun2030	-	19Jun2020	19Jun2025

Tank Id	Safety Valves	Hydro Test		
		Previous	Last	Next
C1	-	-	-	-
C2	-	-	-	-
C3	-	-	-	-

### ---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

### ---Certificate Amendments---

Amending Unit	Amendment Date	Amendment Remark
Sector New Orleans	16Nov2020	Updated operator per owner's request.

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