



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

Certification Date: 19 Jul 2016

Expiration Date: 19 Jul 2021

# Certificate of Inspection

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

Vessel Name: 405  
Official Number: 1197372  
IMO Number:  
Call Sign:  
Service: Tank Barge

Hailing Port: MIAMI, FL  
Hull Material: Steel  
Horsepower:  
Propulsion:  
UNITED STATES

Place Built: HOUSTON, Texas  
Delivery Date: 18May2007  
Keel Laid Date: 16Oct2006  
Gross Tons: R-2113  
Net Tons: R-2113  
DWT: 1993  
Length: R-263.3  
UNITED STATES

Owner: KIRBY INLAND MARINE LP  
55 WAUGH DRIVE, SUITE 1000  
HOUSTON, TX 77007  
UNITED STATES  
Operator: KIRBY INLAND MARINE LP  
1020 PORT BLVD SUITE 2  
MIAMI, FL 33132  
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.

- Masters
- Chief Mates
- Second Mates
- Third Mates
- Master First Class Pilots
- Mate First Class Pilots
- Licensed Mates
- First Class Pilots
- Radio Officers
- Able Seamen
- Ordinary Seamen
- Deckhands
- Chief Engineers
- First Assistant Engineers
- Second Assistant Engineers
- Third Assistant Engineers
- Licensed Engineers
- Non Licensed Engineer Depts
- Qualified Member Engineer Depts
- Clerks
- Crew Members

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:

---Coastwise---  
In accordance with 46 CFR 170(b), in lieu of a stability letter, the following conditions apply:  
Calculations show that the barge meets the stability standards in 46 CFR 170 Subpart E and 172 Subpart D for carriage of uniformly loaded 46 CFR Subchapter D cargoes. The maximum density of cargo that may be filled to the tank top is 8.745 lbs/gal. Cargoes with higher densities, up to 13.58 lbs/gal, may be carried as slack loads but the barge may not exceed a maximum allowable draft of 11'6" and trim may not exceed 1 foot 1-3/4 inches by the stern.

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

With this Inspection for Certification having been completed at St. Petersburg Florida UNITED STATES, the Officer in Charge, Marine Inspection, Sector St. Petersburg 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
11 Jul 2017	SE-N114	A	<i>[Signature]</i>

This certificate issued by: *[Signature]*  
E. C. ALLEN, CDR, USCG BY DIRECTION  
Officer in Charge, Marine Inspection  
Sector St. Petersburg  
Inspection Zone



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Vessel Name: 705

The structure of the wing and inner bottom compartments make them suitable for use only as voids. These compartments may not be used to carry cargo or ballast.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
Dry Dock	05Jul2021	05Jul2016	30May2012
Internal Structure	05May2019	05Jul2016	05May2014

---Stability---

Type	Issued Date	Office
Book	11 Oct 2008	Marine Safety Center
Letter	None Valid	

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

Authorization:	Grade D and Lower Cargoes.				
Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
22892	Barrel	D	No	No	No

\*Hazardous Bulk Solids Authority\*  
Not Authorized

\*Loading Constraints - Structural\*

Tank Location Description	Maximum Load (short tons)	Maximum Density (lbs/gal)
1-6 P/S		8.745

\*Conditions Of Carriage\*

Vessel is fitted with an electronically controlled cargo pump engine. In lieu of meeting Class W Division 1 requirements set forth in 46 CFR 111.105-6 and 46 CFR 111.105-31(1), vessel owner chose to be limited to the carriage of combustible Grade "D" cargoes having a flashpoint of 140 degrees Fahrenheit or above in accordance with DQ(dp) Policy Letter 02-2007 Change 1

In accordance with 46 CFR Part 39, excluding part 39.40, this vessel's vapor control system has been inspected to the plans approved by USCG Marine Safety Center Letter Serial # C1-0802221, dated 25-Jul-08, and is found acceptable for collection of bulk liquid cargo vapors annotated with 'Yes' in the Cargo Authority Attachment's VCS column.

--- Inspection Status ---

\*Cargo Tanks\*

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1-6 P/S		05Jul2016	05Jul2026			
			Hydro Test			
Tank Id	Safety Valves			Previous	Last	Next
1-6 P/S						



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**\*Pressure Vessels\***

Type	Location	Previous	Last	Next
Air Receiver	Open Deck	05Jul2012	19Jul2016	19Jul2021

**---Conditional Portable Fire Extinguisher Requirements---**

Required Only During Transfer of Cargo or Operation of Barge Machinery

**--- Fire Fighting Equipment ---**

Number of Fireman Outfits -                      Number of Fire Pumps - 0

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

Quantity	Class Type
2	B-II

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