



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

Certification Date: 18 Sep 2023
Expiration Date: 18 Sep 2028

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
407	1202100			Tank Barge

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

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
HOUSTON, TX	19May2008		R-2113 I-1735	R-2113 I-993		R-263.3 I-263.3
UNITED STATES						

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES	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.

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:

---Oceans---

UNMANNED, NOT ON AN INTERNATIONAL ROUTE.

VESSEL IS PROHIBITED FROM DISCHARGING NOXIOUS LIQUID SUBSTANCE (NLS) RESIDUE TO THE SEA.

THIS VESSEL HAS BEEN INSPECTED TO THE PLANS APPROVED BY MARINE SAFETY CENTER LETTER SERIAL #C1-0802221 DATED JULY 25, 2008 AND FOUND ACCEPTABLE FOR THE COLLECTION OF CARGO VAPORS.

*****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: J. H. HART COMMANDER , by direction Officer in Charge, Marine Inspection Sector New Orleans Inspection Zone
Date	Zone	A/P/R	Signature	



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Vessel Name: 407

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Jun2028	10Jul2023	30Jun2018
Internal Structure	30Nov2025	10Jul2023	31May2021

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

Authorization: Grade "B" and Lower Cargoes

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
22892	Barrels	B	No	No	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1-6 P/S	43	8.745

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	43	11ft 6in	8.745	

Conditions Of Carriage

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.

As a result of a sister vessel determination and in accordance with Marine Safety Center letter Serial No. C1-0603017 dated October 11, 2007, the subject barge meets the stability standards in 46 CFR 170 Subpart E and 172 Subpart D for the carriage of uniformly loaded cargoes listed in 46 CFR Subchapter D. The maximum design density of cargo that may be carried filled to the tank top is 8.745 lbs/gal. Cargoes with higher densities, up to 13.58 lbs/gal, may be carried at slack loads, but the barge may not exceed a maximum allowable draft of 11 feet, 6 inches and trim may not exceed 1 foot, 1 3/4 inches by the stern.

Benzene Prohibition

Vessel not authorized to carry Benzene or Benzene containing cargoes with a Benzene concentration of 0.5% or more.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1-6 P/S	31May2018	08Sep2023	30Sep2033	-	-	-

Tank Id	Safety Valves	Previous	Last	Next
1-6 P/S	-	-	-	-

Pressure Vessels

Type	Location	Previous	Last	Next
Air Receiver	Main Deck	16Aug2018	08Sep2023	08Sep2028



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---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



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: 407
Official #: 1202100

Shipyard: Southwest Shipyard
Hull #: 9544

Tank Group Characteristics

Trk Grp	Tanks in Group	Density	Flammability Grade	Fire Protection	Comments
B	#1P/S, #2P/S, #3P/S, #4P/S, #5P/S, #6P/S	13.6	B	Portable	None

This vessel is approved to collect vapors of the following 46 CFR Subchapter D flammable and/or combustible liquid cargoes using the approved onboard vapor control system.

Subchapter D Cargoes Authorized for Vapor Control

Name	Cargo Identification				Conditions of Carriage			
	Chem Code	Compat Group No	IMO Pollution Category	Grade	Tank Group	Vapor Recovery App'd (Y or N)	VCS Category	
Distillates: Flashed feed stocks	DFE	33	I	E	B	Yes	1	
Distillates: Straight run	DSR	33	I	E	B	Yes	1	
Gasoline blending stocks: Alkylates	GAK	33	I	A/C	B	Yes	1	
Gasoline blending stocks: Reformates	GRF	33	I	A/C	B	Yes	1	
Gasolines: Automotive (containing not over 4.23 grams lead per gallon)	GAT	33	I	C	B	Yes	1	
Gasolines: Aviation (containing not over 4.86 grams of lead per gallon)	GAV	33	I	C	B	Yes	1	
Gasolines: Casinghead (natural)	GCS	33	I	A/C	B	Yes	1	
Gasolines: Polymer	GPL	33	I	A/C	B	Yes	1	
Gasolines: Straight run	GSR	33	I	A/C	B	Yes	1	
Jet fuel: JP-4	JPF	33	I	E	B	Yes	1	
Jet fuel: JP-5 (kerosene, heavy)	JPV	33	I	D	B	Yes	1	
Kerosene	KRS	33	I	D	B	Yes	1	
Mineral spirits	MNS	33	I	D	B	Yes	1	
Naphtha: Heavy	NAG	33	@I	#	B	Yes	1	
Naphtha: Petroleum	PTN	33	I	#	B	Yes	1	
Naphtha: Solvent	NSV	33	@I	D	B	Yes	1	
Naphtha: Stoddard solvent	NSS	33	@I	D	B	Yes	1	
Naphtha: Varnish makers and painters (75%)	NVM	33	@I	C	B	Yes	1	
Oil, fuel: No. 2	OTW	33	I	D/E	B	Yes	1	
Oil, fuel: No. 2-D	OTD	33	I	D	B	Yes	1	
Oil, fuel: No. 4	OFR	33	I	D/E	B	Yes	1	
Oil, fuel: No. 5	OFV	33	I	D/E	B	Yes	1	
Oil, fuel: No. 6	OSX	33	I	E	B	Yes	1	
Oil, misc: Crude	OIL	33	I	C/D	B	Yes	1	
Oil, misc: Diesel	ODS	33	I	D/E	B	Yes	1	
Oil, misc: Lubricating	OLB	33	I	E	B	Yes	1	
Oil, misc: Residual	ORL	33	I	E	B	Yes	1	
Oil, misc: Turbine	OTB	33	I	E	B	Yes	1	

*** This document is only valid when attached to, and referenced by a current, valid Certificate of Inspection. ***