



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

Certification Date: 30 Sep 2019

Expiration Date: 30 Sep 2024

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
KIRBY 10808	947155			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
HOUSTON, TX	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
CARUTHERSVILLE, MO	30Jan1989	06Jan1989	R-921	R-921		R-237.5
UNITED STATES						10

Owner: KIRBY INLAND MARINE LP
55 WAUGH DRIVE SUITE 1000
HOUSTON, TX 77007
UNITED STATES

Operator: KIRBY INLAND MARINE, LP
18350 MARKET STREET
CHANNELVIEW, TX 77530
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, coastwise, 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 31.10-21(a) (2). If this vessel is operated in salt water more than 6 months in any 12 month period, the vessel must be inspected using salt water intervals as per 46 CFR 31.10-21(a) (1), and the cognizant OCMI must be notified in writing as soon as this change in status occurs.

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Barge Streamlined

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

With this Inspection for Certification having been completed at Houston, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Sector Houston-Galveston 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				Signature	This certificate issued by: Nicole D. Rodriguez, CGR, USCG, By Direction
Date	Zone	A/P/R			
11-9-00	PATX	A		Randy Nelson	Officer in Charge, Marine Inspection Sector Houston-Galveston
9-21-01	PA, Tx	A		Randy Nelson	
9-13-02	HOU	A		Belinda Mahoney	
8/23/03	HOU	A		Andrew Mahoney	
Inspection Zone					



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Inspection Program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to Sector Houston-Galveston OCMI.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Aug2024	11Aug2014	26May2004
Internal Structure	31Oct2024	02Oct2019	11Aug2014

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

Authorization: LFG & SPECIFIED HAZARDOUS CARGO

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
10866	Barrels	LFG	Yes	No	No

Hazardous Bulk Solids Authority

Loading Constraints - Structural

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 P/S (BDI)	558	5.200
1 P/S (BUT)	513	4.800
1 P/S (BTN)	530	4.960
1 P/S (IBL)	533	5.000
1 P/S (PRP)	428	4.200
1 P/S (PPL)	447	4.300
1 P/S (IBT)	494	4.700

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment(CAA), serial # VN89001280, dated April 12, 2001.

Inspected and approved for the carriage of liquefied flammable gases at a pressure not to exceed 260 psig and at a temperature not less than ambient. Those LFGs that have been authorized for carriage are identified by CHRIS Code in the loading constraints below:

BDI=Butadiene; BTN=Butylene; BUT=Butane; PPL=Propylene; PRP=Propane

Loading Constraints - Stability

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II (BDI)	1117	7'1"	5.2	LBS, R, LC (0-12)
II (BUT)	1027	6'10"	4.8	LBS, R, LC (0-12)
II (IBT)	989	6'8"	4.7	LBS, R, LC (0-12)
II (BTN)	1061	6'11"	4.96	LBS, R, LC (0-12)
II (IBL)	1066	6'11"	5.0	LBS, R, LC (0-12)
II (PRP)	859	6'3"	4.2	LBS, R, LC (0-12)
II (PPL)	894	6'4"	4.3	LBS, R, LC (0-12)

Mixtures of the subchapter "D" Liquefied Flammable Gas cargoes Butane (BUT), Isobutane (IBT), Butylene (BTN), Isobutylene (IBL), Propane (PRP), and Propylene (PPL) are also authorized for carriage subject to the loading and stability constraints of the least dense gas cargo in the mixture specified above.

Stability and Trim



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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.

Non-destructive testing of cargo tanks per 46 CFR 151.04-7 and NVIC 5-89 is required at each scheduled CTIE.

Satisfactory 30-year NDT of cargo tanks conducted in accordance with NVIC 5-89.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S (BDI)	12Apr2006	11Aug2014	31Aug2024	02Oct2019	13Sep2022	31Oct2024
1 P/S (BUT)	12Apr2006	11Aug2014	31Aug2024	02Oct2019	14Sep2022	31Oct2024
1 P/S (BTN)	12Apr2006	11Aug2014	31Aug2024	02Oct2019	13Sep2022	31Oct2024
1 P/S (IBL)	12Apr2006	11Aug2014	31Aug2024	02Oct2019	13Sep2022	31Oct2024
1 P/S (PRP)	12Apr2006	11Aug2014	31Aug2024	02Oct2019	13Sep2022	31Oct2024
1 P/S (PPL)	12Apr2006	11Aug2014	31Aug2024	02Oct2019	13Sep2022	31Oct2024
1 P/S (IBT)	12Apr2006	11Aug2014	31Aug2024	02Oct2019	13Sep2022	31Oct2024

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 P/S (BDI)	02Oct2019	-	-	-
1 P/S (BUT)	02Oct2019	-	-	-
1 P/S (BTN)	02Oct2019	-	-	-
1 P/S (IBL)	02Oct2019	-	-	-
1 P/S (PRP)	02Oct2019	-	-	-
1 P/S (PPL)	02Oct2019	-	-	-
1 P/S (IBT)	02Oct2019	-	-	-

---Lifesaving Equipment---

Total Equipment for 0 Persons

Primary Lifesaving Equipment	Quantity	Capacity		Required
Lifeboats (Total)	0	0	Life Preservers (Adult)	0
Lifeboats (Port)	0	0	Life Preservers (Child)	0
Lifeboats (Starboard)	0	0	Ring Buoys (Total)	0
Motor Lifeboats	0	0	With Lights	0
Lifeboats With Radio	0	0	With Line Attached	0
Rescue Boats/Platforms	0	0	Other	0
Inflatable Rafts	0	0	Immersion Suits	0
Life Floats/Buoyant App	0	0	Portable Lifeboat Radios	0
Inflatable Buoyant Apparatus (IBA)	0	0	Equipped With EPIRB?	NO

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery



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--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
1	40-B

---Certificate Amendments---

Amending Unit	Amendment Date	Amendment Remark
Sector Houston/Galveston	14Sep2022	CTEE complete.

END



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Cargo Authority Attachment

Vessel Name: KIRBY 10808
Official #: D947155

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Shipyard: CARUTHERSVI
Hull #: 5253

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat's of Construction
		Group No	Exc				
Butadiene	BDI	30	N	LFG	II		.50-70(e), .50-73

Authorized Subchapter O Cargoes

Explanation of terms & symbols used in the Table:

Cargo Identification

- Name** The proper shipping name as listed in 46 CFR Table 151.05.
- Chem Code** The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
- Compatibility Group No.** The cargo reactive group number assigned for compatibility determinations in 46 CFR Part 150 Tables I and II. In accordance with 46 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 46 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the assigned reactive group number.
- Exceptions (Exo)** Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 46 CFR Part 150.
- Grade** The cargo classification assigned to each flammable or combustible liquid. Grades inside of "[]" indicate a provisional assignment based upon literature sources which were not verified by manufacturers data. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo.
- A, B, C** Flammable liquid cargoes, as defined in 46 CFR 30-10.22.
- D, E** Combustible liquid cargoes, as defined in 46 CFR 30-10.15.
- NA, NF** Those subchapter O cargoes which are not classified as a flammable or combustible liquid.
- #** No flammability/combustibility grade has been assigned yet, as the necessary flash point/vapor pressure data for such assignments are presently not available.

Hull Type

- I** The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.
- II** Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 46 CFR 151.10-1(b)(1).
- III** Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).
- Designed to carry products of sufficient hazard to require a moderate degree of control. See 46 CFR 151.10-1(b)(4).

Conditions of Carriage

- Note** See Certificate of Inspection for explanation of symbols used in this column.