



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

Certification Date: 17 Jan 2020
Expiration Date: 17 Jan 2025

Certificate of Inspection

For ships on international voyages this certificate meets the requirements of SOLAS 74 as amended, regulation VIII for a SAFE MANNING DOCUMENT.

Vessel Name	Official Number	IMO Number	Call Sign	Service
KIRBY 16817	1293961			Tank Barge

Home Port	hull Material	Displacement	Population
NEW ORLEANS, LA	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tonn	Net Tonn	DWT	Length
ORANGE, TX	17Jan2020	15May2019	R-1105	R-1105		R 245.0
UNITED STATES						10

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE LP 18350 Market Street Channahon, 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.

<input type="checkbox"/> Masters	<input type="checkbox"/> Licensed Mates	<input type="checkbox"/> Chief Engineers	<input type="checkbox"/> Oilers
<input type="checkbox"/> Chief Mates	<input type="checkbox"/> First Class Pilots	<input type="checkbox"/> First Assistant Engineers	
<input type="checkbox"/> Second Mates	<input type="checkbox"/> Radio Officers	<input type="checkbox"/> Second Assistant Engineers	
<input type="checkbox"/> Third Mates	<input type="checkbox"/> Able Seaman	<input type="checkbox"/> Third Assistant Engineers	
<input type="checkbox"/> Master First Class Pilot	<input type="checkbox"/> Ordinary Seamen	<input type="checkbox"/> Licensed Engineers	
<input type="checkbox"/> Mate First Class Pilots	<input type="checkbox"/> Deckhands	<input type="checkbox"/> 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, 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 per 46 CFR 21.10-21(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 and the cognizant OCSZ notified in writing as soon as this change in status occurs.

This tank barge is participating in the Eighth & Ninth Coast Guard District's Tank Barges Streamlined Inspection Program (TSBIP). Inspection activities aboard this barge shall be conducted per its Tank Barge Action Plan.

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

With this Inspection for Certification having been completed at Port Arthur, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur 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: <i>J. Andrew, CDR</i> J. J. ANDREW, CDR, USCG, By direction
Date	Zone	AP/IR	Signature	
Nov 6, 2020	Area T/PSIP	A	<i>Murphy Banks</i>	Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur Inspection Zone
10-20-2021	NOLA	P	<i>Murphy Banks</i>	
08/25/22	BR Co.	A	<i>Stephen Collins</i>	
11/14/23	BR Co.	A	<i>Stephen Collins</i>	



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(TAP). Inspection issues concerning this barge should be directed to OCMI Houston-Galveston.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Jan2030	17Jan2020	
Internal Structure	31Jan2025	17Jan2020	

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

Authorization: LIQUEFIED FLAMMABLE GAS

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
16101	Barrels	LFG	Yes	Yes	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
P/1	1645	5.17
S/1	1645	5.17

Conditions Of Carriage

Inspected and approved for the carriage of liquefied flammable gases (LFGs) at a pressure not to exceed 265 psig and at temperatures not less than ambient. Those LFGs that have been authorized for carriage are identified by their CHRIS Code in the Loading Constraints below.

Mixtures of the Subchapter D liquified flammable gas cargoes listed below are also authorized for carriage subject to the loading and stability constraints of the least dense cargo in the mixture.

Mixtures of Subchapter O and D liquefied gas cargoes not specified below must be approved by the Marine Safety Center prior to being authorized for carriage.

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 the figures, tables, and appendices of 46 CFR 150.

The maximum tank weights listed below reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter O cargoes at shallower drafts, the barge should always be loaded uniformly.

Loading Constraints - Structural

Tanks	Cargo (Chris Code)	Max. Cargo Wgt/Each Tank (ST)	Max. Density (lbs/gal)
P/S	BDI 822	5.17	
P/S	BBM 811	5.16	
P/S	BUT 775	4.88	
P/S	IBT 733	4.69	
P/S	BTN 778	5.00	
P/S	PRP 634	4.25	
P/S	PPL 647	4.35	

Loading Constraints - Stability

Cargo (Chris Code)	Route	Max Load (ST)	Max Draft (ft,in)	Max. Density (lbs/gal)
BDI	R,LBS	1645	8' 4-1/4"	5.17
BBM	R,LBS	1621	8' 2-5/8"	5.16



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BUT	R,LBS	1550	8' 1-1/4"	4.88
IBT	R,LBS	1466	7' 11-1/4"	4.69
BTN	R,LBS	1557	8' 2-1/2"	5.00
PRP	R,LBS	1269	7' 6-1/2"	4.25
PPL	R,LBS	1293	7' 7-1/2"	4.35

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
P/1	-	17Jan2020	31Jan2030	-	17Jan2020	31Jan2025
S/1	-	17Jan2020	31Jan2030	-	17Jan2020	31Jan2025

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
P/1	13Jan2020	-	17Jan2020	-
S/1	13Jan2020	-	17Jan2020	-

---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
1	B-II

END