



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

Certification Date: 23 Feb 2022
Expiration Date: 23 Feb 2027

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
KARANKAWA	1235320			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
MEMPHIS, TN	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
MORGAN CITY, LA	22Dec2011	09May2011	R-1185	R-1185		R-245.0
UNITED STATES			-	-		-0

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES	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, 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 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 per 46 CFR 31.10-21(a)(1) and the cognizant OCMI notified in writing as soon as this change in status occurs.

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

*****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>K. A. Hantal</i> K. A. Hantal, CDR, USCG, By direction
Date	Zone	A/P/R	Signature	
2-14-23	Houston TX	A	<i>Randy Nelson</i>	Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur
1-30-24	Houston TX	P	<i>Randy Nelson</i>	
				Inspection Zone



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

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Dec2031	23Feb2022	22Dec2011
Internal Structure	31Dec2026	23Feb2022	08Dec2016

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

Authorization: Liquefied Flammable Gas and Specified Hazardous Cargoes

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

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1&2 (BDI)	803	5.228
1&2 (BTN)	747	4.997
1&2 (BUT)	733	4.880
1&2 (IBT)	691	4.690
1&2 (PPL)	620	4.348
1&2 (PRP)	592	4.246

Conditions Of Carriage

Per 46 CFR 150.130, the person in charge of the vessel is responsible for ensuring the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using figures, tables, and appendices of 46 CFR 150.

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 above.

Loading Constraints - Stability

Cargo (CHRIS Code)	Max. Load (Short Tons)	Max. Draft (ft, in)	Max Density (lbs/gal)	Route
BDI	1606.8	8' 3-1/4"	5.228	R, LBS
BTN	1494.1	8' 3-1/4"	4.997	R, LBS
BUT	1465.9	8' 3-1/4"	4.88	R, LBS
IBT	1381.3	8' 3-1/4"	4.69	R, LBS
PPL	1240.4	8' 3-1/4"	4.348	R, LBS
PRP	1184	8' 3-1/4"	4.246	R, LBS

Mixtures of the subchapter "D" liquefied flammable gas cargoes listed above are also authorized for carriage subject to the loading and stability constraints of the least dense cargo in the mixture.

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



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STABILITY AND TRIM

Per 46 CFR 151.10-15(c)(2), the maximum tank weights listed above 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.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1&2 (BDI)	22Dec2011	23Feb2022	31Dec2031	01Mar2019	23Feb2022	28Feb2027
1&2 (BTN)	22Dec2011	23Feb2022	31Dec2031	01Mar2019	23Feb2022	28Feb2027
1&2 (BUT)	22Dec2011	23Feb2022	31Dec2031	01Mar2019	23Feb2022	28Feb2027
1&2 (IBT)	22Dec2011	23Feb2022	31Dec2031	01Mar2019	23Feb2022	28Feb2027
1&2 (PPL)	22Dec2011	23Feb2022	31Dec2031	01Mar2019	23Feb2022	28Feb2027
1&2 (PRP)	22Dec2011	23Feb2022	31Dec2031	01Mar2019	23Feb2022	28Feb2027

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1&2 (BDI)	01Feb2022	-	-	-
1&2 (BTN)	01Feb2022	-	-	-
1&2 (BUT)	01Feb2022	-	-	-
1&2 (IBT)	01Feb2022	-	-	-
1&2 (PPL)	01Feb2022	-	-	-
1&2 (PRP)	01Feb2022	-	-	-

---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