



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

Certification Date: 31 Mar 2025
Expiration Date: 31 Mar 2030

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 16820	1298243			Tank Barge		
Hailing Port	Hull Material	Horsepower	Propulsion			
NEW ORLEANS, LA	Steel		None			
UNITED STATES						
Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
MORGAN CITY, LA	28Feb2020	17Jun2019	R-1185	R-1185		R-245.0
UNITED STATES			I-	I-		I-0
Owner	Operator					
KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES	Kirby Inland Marine, LP 18350 MARKET ST 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---						
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 (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.						
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>L. L. Woodman</i>		
Date	Zone	A/P/R	Signature	L. L. WOODMAN, CDR, USCG, By direction		
				Officer in Charge, Marine Inspection		
				Marine Safety Unit Port Arthur		
				Inspection Zone		



Certificate of Inspection

Vessel Name: KIRBY 16820

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	28Feb2030	28Feb2020	
Internal Structure	31Mar2030	31Mar2025	28Feb2020

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

Authorization: LIQUEFIED FLAMMABLE GASES

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)
P/S BDI	822	5.288
P/S BBM	811	5.164
P/S BUT	773	4.880
P/S IBT	704	4.690
P/S BTN	778	4.997
P/S PRP	773	4.246
P/S PPL	646	4.348

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	1644	8ft 5in	5.228	BDI R, LBS
II	1622	8ft 4in	5.164	BBM R, LBS
II	1546	8ft 1in	4.880	BUT R, LBS
II	1408	7ft 9in	4.690	IBT R, LBS
II	1556	8ft 1in	4.997	BTN R, LBS
II	1546	8ft 1in	4.246	PRP R, LBS
II	1292	7ft 4in	4.348	PPL R, LBS

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 above.

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



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

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
P/S BDI	-	28Feb2020	28Feb2030	-	-	-
P/S BBM	-	28Feb2020	28Feb2030	-	-	-
P/S BUT	-	28Feb2020	28Feb2030	-	-	-
P/S IBT	-	28Feb2020	28Feb2030	-	-	-
P/S BTN	-	28Feb2020	28Feb2030	-	-	-
P/S PRP	-	28Feb2020	28Feb2030	-	-	-
P/S PPL	-	28Feb2020	28Feb2030	-	-	-

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
P/S BDI	19Mar2025	-	-	-
P/S BBM	19Mar2025	-	-	-
P/S BUT	19Mar2025	-	-	-
P/S IBT	19Mar2025	-	-	-
P/S BTN	19Mar2025	-	-	-
P/S PRP	19Mar2025	-	-	-
P/S PPL	19Mar2025	-	-	-

---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