



DEPARTMENT OF HOMELAND SECURITY U. S. COAST GUARD CG-858 (Rev. 1-07)	CERTIFICATE OF INSPECTION AMENDMENT																										
NAME OF VESSEL Kirby 16815		OFFICIAL NUMBER 1236221																									
CLASS Bottle Barge	GROSS TONS R-1469	HOME PORT Wilmington, DE																									
WHEN AND WHERE BUILT 31 May 2011, Houston, TX																											
DATE CURRENT CERTIFICATE EXPIRES 10 February 2027		DATE AND PLACE CURRENT CERTIFICATE OF INSPECTION ISSUED 10 February 2022, MSU Port Arthur																									
<p>The Certificate of Inspection issued to the vessel described above is amended as follows:</p> <p>---Cargo Tanks---</p> <table border="0" data-bbox="118 776 1287 989"> <thead> <tr> <th>Exam Type</th> <th>Next Exam</th> <th>Last Exam</th> <th>Prior Exam</th> </tr> </thead> <tbody> <tr> <td>External Exam</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1P</td> <td>31Jan27</td> <td>10Feb22</td> <td>13Jan17</td> </tr> <tr> <td>1S</td> <td>31Jan27</td> <td>10Feb22</td> <td>13Jan17</td> </tr> <tr> <td>2P</td> <td>31Jan27</td> <td>10Feb22</td> <td>13Jan17</td> </tr> <tr> <td>2S</td> <td>31Jan27</td> <td>10Feb22</td> <td>13Jan17</td> </tr> </tbody> </table>				Exam Type	Next Exam	Last Exam	Prior Exam	External Exam				1P	31Jan27	10Feb22	13Jan17	1S	31Jan27	10Feb22	13Jan17	2P	31Jan27	10Feb22	13Jan17	2S	31Jan27	10Feb22	13Jan17
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DATE OF ISSUE 16 December 2022	INSPECTION ZONE Port Arthur, Texas	OFFICER IN CHARGE, MARINE INSPECTION K. A. Hantal, CDR, USCG, By direction 																									
INSTRUCTIONS																											
1. This amendment shall be issued to authorize changes to the conditions or particulars entered on a current valid Certificate of Inspection (Form CG-841 or CG-3753) or to the conditions or particulars entered on a current valid amendment to such a Certificate of Inspection. When issued it shall become part of the Certificate of Inspection which it amends. 2. The original of this amendment shall be delivered to the master or owner of the vessel named herein and must be framed under glass with or near the vessel's Certificate of Inspection. If the Certificate of Inspection is not required to be posted, this amendment must be kept on board with the Certificate of Inspection and shown on demand.		3. One copy of this amendment shall be filed in the office of the issuing Officer in Charge, Marine Inspection. In addition one copy shall be distributed to each of the following: a. The Officer in Charge, Marine Inspection who issued the current Certificate of Inspection. b. The Commandant (G-MPS) c. The owner or agent of the vessel named herein.																									



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

Certification Date: 10 Feb 2022
Expiration Date: 10 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
KIRBY 16816	1236221			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
WILMINGTON, DE UNITED STATES	Steel		

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
HOUSTON, TX UNITED STATES	22Dec2011	31May2011	R-1489	R-1489		R-270.0 10

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 Others
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 OCHI must be notified in writing as soon as this change in status occurs.

This tank barge participates in the Eighth & Ninth Coast Guard District's Tank Barge Streamlined Inspection

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. Hantel</i> K. A. Hantel, ZOR, USCG, By direction
Date	Zone	A/P/R	Signature	
021071203	HOU	A	Daniel Liberman	Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur
2-16-24	HOUSTON	P	JAKE FRANCIS	
				Inspection Zone



Certificate of Inspection

Vessel Name: KIRBY 16815

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 OCMI Houston-Galveston.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Dec2031	10Feb2022	22Dec2011
Internal Structure	31Jan2027	10Feb2022	13Jan2017

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

Authorization: LIQUEFIED FLAMMABLE GASES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
16892	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	842	5.228
P/S BTN	783	4.997
P/S BUT	768	4.880
P/S IBT	724	4.690
P/S PPL	650	4.348
P/S PRP	621	4.246

Conditions Of Carriage

Inspected and approved for the carriage of liquefied flammable gases (LFGs) at a pressure not to exceed 265 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 above.

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

In accordance with 46 CFR 150.130, the Person In Charge of the vessel is responsible for ensuring that the compatibility requirements in 46 CFR 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150.

Stability and Trim

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 should always be loaded uniformly.

Loading Constraints - Stability

Cargo(CHRIS Code)	Route	Max.Load(ST)	Max Draft(ft,in)	Max Density(lbs/gal)
BDI	R, LBS	1685.7	7' 9- 1/4"	5.228



Certificate of Inspection

Vessel Name: KIRBY 16815

BTN	R, LBS	1567.4	7' 9- 1/4"	4.997
BUT	R, LBS	1537.8	7' 9- 1/4"	4.880
IBT	R, LBS	1449.1	7' 9- 1/4"	4.690
PPL	R, LBS	1301.3	7' 9- 1/4"	4.348
PRP	R, LBS	1242.1	7' 9- 1/4"	4.246

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
P/S BDI	22Dec2011	10Feb2022	31Dec2031	-	-	-
P/S BTN	22Dec2011	10Feb2022	31Dec2031	-	-	-
P/S BUT	22Dec2011	10Feb2022	31Dec2031	-	-	-
P/S IBT	22Dec2011	10Feb2022	31Dec2031	-	-	-
P/S PPL	22Dec2011	10Feb2022	31Dec2031	-	-	-
P/S PRP	22Dec2011	10Feb2022	31Dec2031	-	-	-

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
P/S BDI	10Feb2022	-	22Dec2011	-
P/S BTN	10Feb2022	-	22Dec2011	-
P/S BUT	10Feb2022	-	22Dec2011	-
P/S IBT	10Feb2022	-	22Dec2011	-
P/S PPL	10Feb2022	-	22Dec2011	-
P/S PRP	10Feb2022	-	22Dec2011	-

---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	40-B

END