



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

Certification Date: 04 Mar 2020

Expiration Date: 04 Mar 2025

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 16800	958769			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	01Jan1990	01Jan1990	R-1406	R-715		R-248.6
UNITED STATES						L-248.6

Owner	Operator
KIRBY INLAND MARINE, LP 55 WAUGH DRIVE SUITE 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---

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>J.J. Andrew</i> J.J. ANDREW, CDR, USCG, By direction
Date	Zone	A/P/R	Signature	
04-25-2019	HOV	A	<i>David Warden</i>	Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur
1-19-22	HOV	P	<i>Benjamin G. L. L.</i>	
12-18-2022	NOV	A	<i>Murphy, J. L.</i>	
12-19-2023	New Orleans	A	<i>South...</i>	
Inspection Zone				



Certificate of Inspection

Vessel Name: KIRBY 16800

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	10Feb2025	10Feb2015	10Jun2005
Internal Structure	28Feb2025	04Mar2020	10Feb2015

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

Authorization: LFG AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
16253	Barrels	LFG	Yes	No	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 & 2 (IBL)	797	5.00
1 & 2 (BDI)	835	5.20
1 & 2 (IBT)(BMX)	739	4.70
1 & 2 (BUT)	767	4.80
1 & 2 (BTN)	793	4.960
1 & 2 (PRP)(PPM)	639	4.200
1 & 2 (PPL)	668	4.300

Conditions Of Carriage

Loading Constraints - Stability

Hull Type	Max Load	Max Draft	Max Density	Route	(S/T)	(ft/in)	(lbs/gal)
II (BDI)	1671	8'5"	5.2	LBS, R, LC (0-12)			
II (BUT)	1535	8'1"	4.8	LBS, R, LC (0-12)			
II (IBT)(BMX)	1478	7'11"	4.7	LBS, R, LC (0-12)			
II (BTN)	1587	8'2"	4.96	LBS, R, LC (0-12)			
II (IBL)	1595	8'3"	5.0	LBS, R, LC (0-12)			
II (PRP)(PPM)	1279	7'4"	4.2	LBS, R, LC (0-12)			
II (PPL)	1326	7'6"	4.3	LBS, R, LC (0-12)			

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN90000187, dated 25-APR-00, may be carried.

Inspected and approved for the carriage of specified liquefied flammable gases at a pressure not to exceed 260 PSIG relief valve setting and at a temperature not less than ambient (0-115 degrees Fahrenheit).

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.

Mixtures of subchapter O and D liquefied gas cargoes not specified above must be approved by commandant (G-MTH-1) prior to being authorized for carriage. No other cargoes may be carried when PPM is carried unless the PPM system is separated from other cargo piping systems.



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Vessel Name: KIRBY 16800

*** Special Seasonal Loading Constraints ***

Vessel authorized special seasonal loading constraints for the carriage of propylene (PPL) not to exceed 98% of cargo tank capacity and in accordance with operating procedures approved by MSO New Orleans letter serial # 16711 dated 02MAY96.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 & 2 (IBL)	10Jun2005	10Feb2015	10Feb2025	04Mar2020	30Nov2022	31Mar2025
1 & 2 (BDI)	10Jun2005	10Feb2015	10Feb2025	04Mar2020	30Nov2022	31Mar2025
1 & 2 (IBT)(BMX)	10Jun2005	10Feb2015	10Feb2025	04Mar2020	30Nov2022	31Mar2025
1 & 2 (BUT)	10Jun2005	10Feb2015	10Feb2025	04Mar2020	30Nov2022	31Mar2025
1 & 2 (BTN)	10Jun2005	10Feb2015	10Feb2025	04Mar2020	30Nov2022	31Mar2025
1 & 2 (PRP)(PPM)	10Jun2005	10Feb2015	10Feb2025	04Mar2020	30Nov2022	31Mar2025
1 & 2 (PPL)	10Jun2005	10Feb2015	10Feb2025	04Mar2020	30Nov2022	31Mar2025

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 & 2 (IBL)	19Feb2020	-	-	-
1 & 2 (BDI)	19Feb2020	-	-	-
1 & 2 (IBT)(BMX)	19Feb2020	-	-	-
1 & 2 (BUT)	19Feb2020	-	-	-
1 & 2 (BTN)	19Feb2020	-	-	-
1 & 2 (PRP)(PPM)	19Feb2020	-	-	-
1 & 2 (PPL)	19Feb2020	-	-	-

---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

---Certificate Amendments---

Amending Unit	Amendment Date	Amendment Remark
Sector Houston/Galveston	01Dec2022	Credit given for CTEE on 30NOV22.

END



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: KIRBY 16800

Official #: D958769

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Shipyard: CARUTHERSVILLE SHI

Hull #: 5308

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'ls of Construction
		Group No	Exc				
Butadiene	BDI	30	N	LFG	II		.50-70(a), .50-73
Butane (iso-, n-)	BMX	31	N	LFG			
Butylene	BTN	30	N	LFG			
Butane	BUT	31	N	LFG			
Isobutylene	IBL	30	N	LFG			
Isobutane	IBT	31	N	LFG			
Propylene	PPL	30	N	LFG			
Propylene, Propane, MAPP gas mixture (containing 12% orless MAPP gas)	PPM	30	Y	LFG	III		.50-79 'c' only
Propane	PRP	31	N	LFG			

Authorized Subchapter O Cargoes

Explanation of terms & symbols used in the Table:

Cargo Identificatio

- 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.
- Compatibilty 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 (Exc): 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: The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.
- I: 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).
- II: Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).
- III: 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.