

DEPARTMENT OF
HOMELAND SECURITY
U. S. COAST GUARD
CG-858 (Rev. 10-2004)

CERTIFICATE OF INSPECTION AMENDMENT



NAME OF VESSEL

KIRBY 16802

OFFICIAL NUMBER

956355

CLASS

Tank Barge

GROSS TONS

11749

HOME PORT

Houston, TX

WHEN AND WHERE BUILT

12/15/1989, Caruthersville, MO

DATE CURRENT CERTIFICATE OF INSPECTION EXPIRES

01/22/2025

DATE AND PLACE CURRENT CERTIFICATE OF INSPECTION
ISSUED

01/22/2020 MSU Port Arthur

CALL SIGN:

OWNER

Kirby Inland Marine, LP
55 Waugh Drive, Suite 1000
Houston, TX 77077
United States

OPERATOR

Kirby Inland Marine, LP
18350 Market Street
Channelview, TX 77530
United States

TYPE OF EXAM:

CARGO TANK EXTERNAL

PRIOR

01/22/2020

LAST

01/24/2022

NEXT

01/22/2025

This/These amendments(s) shall automatically appear on the next COI that is issued for this vessel. This form must be attached to the current COI for reference by any concerned parties.

DATE OF ISSUE

01/24/2022

INSPECTION ZONE

New Orleans, LA

OFFICER IN CHARGE, MARINE INSPECTION

J. H. HART, COMMANDER, by direction



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

Certification Date: 22 Jan 2020
Expiration Date: 22 Jan 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 16802	956355			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	15Dec1989		R-1179	R-1179		R-260.0
UNITED STATES						
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 Engineer				
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 in accordance with 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 must be notified in writing as soon as this change in status occurs.						
This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Barge Streamlined Inspection 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.						
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:		
Date	Zone	A/P/R	Signature	J.J. ANDREW, CDR, USCG, By direction		
1/7/2021	New Orleans	A	Scott Firmin	Officer in Charge, Marine Inspection		
10/26/2021	NOLA	P	MURPHY BANKS	Marine Safety Unit Port Arthur		
11-23-2022	New Orleans	A	Scott Firmin	Inspection Zone		
2-12-24	HOUSTON	A	JAKE FRANCIS			



Certificate of Inspection

Vessel Name: KIRBY 16802

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Oct2029	22Jan2020	02Oct2009
Internal Structure	31Oct2024	22Jan2020	23Oct2014

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

Authorization: LIQUEFIED FLAMMABLE GASES 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	5.000
1 & 2 (BDI)	835	5.200
1 & 2 (IBT)	739	4.700
1 & 2 (BUT)	767	4.800
1 & 2 (BTN)	793	4.960
1 & 2 (PRP)	639	4.200
1 & 2 (PPL)	668	4.300
1 & 2 (BMX)	739	4.700

Conditions Of Carriage

Loading Constraints - Stability

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
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)	1478	7'11"	4.7	LBS, R, LC (0-12)
II (BTN)	1578	8'2"	4.96	LBS, R, LC (0-12)
II (IBL)	1595	8'3"	5.0	LBS, R, LC (0-12)
II (PRP)	1279	7'4"	4.2	LBS, R, LC (0-12)
II (PPM)	1279	7'4"	4.2	LBS, R, LC (0-12)
II (PPL)	1326	7'6"	4.3	LBS, R, LC (0-12)
II (BMX)	1478	7'11"	4.7	LBS, R, LC (0-12)

Only those cargoes named in the vessel's Cargo Authority Attachment, serial #VN89015872, dated 25MAY01, may be carried, and then only in the tanks indicated.

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 this 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 mixtures specified above.



Certificate of Inspection

Vessel Name: KIRBY 16802

Mixtures of the subchapter O and D liquefied gas cargoes not specified above must be approved by COMMANDANT (G-MTH-1) prior to being authorized for carriage. PPM is the only O and D mixture presently authorized.

No other cargoes may be carried when PPM is carried unless the PPM piping system is separated from other cargo piping systems.

*** 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.

Stability and Trim

Cargo tanks must be loaded uniformly whenever a 46 CFR Subchapter 'O' cargo is carried; for trim purposes, the weight of cargo in each tank may exceed the uniformly loaded tank cargo weight by at most 5 percent.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 & 2 (IBL)	02Oct2009	22Jan2020	31Oct2029	31Oct2019	22Jan2020	31Jan2022
1 & 2 (BDI)	02Oct2009	22Jan2020	31Oct2029	31Oct2019	22Jan2020	31Jan2022
1 & 2 (IBT)	02Oct2009	22Jan2020	31Oct2029	31Oct2019	22Jan2020	31Jan2022
1 & 2 (BUT)	02Oct2009	22Jan2020	31Oct2029	31Oct2019	22Jan2020	31Jan2022
1 & 2 (BTN)	02Oct2009	22Jan2020	31Oct2029	31Oct2019	22Jan2020	31Jan2022
1 & 2 (PRP)	02Oct2009	22Jan2020	31Oct2029	31Oct2019	22Jan2020	31Jan2022
1 & 2 (PPL)	02Oct2009	22Jan2020	31Oct2029	31Oct2019	22Jan2020	31Jan2022
1 & 2 (BMX)	02Oct2009	22Jan2020	31Oct2029	31Oct2019	22Jan2020	31Jan2022

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 & 2 (IBL)	07Dec2019	-	-	-
1 & 2 (BDI)	07Dec2019	-	-	-
1 & 2 (IBT)	07Dec2019	-	-	-
1 & 2 (BUT)	07Dec2019	-	-	-
1 & 2 (BTN)	07Dec2019	-	-	-
1 & 2 (PRP)	07Dec2019	-	-	-
1 & 2 (PPL)	07Dec2019	-	-	-
1 & 2 (BMX)	07Dec2019	-	-	-

---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	B-II



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

Certification Date: 22 Jan 2020

Expiration Date: 22 Jan 2025

Certificate of Inspection

Vessel Name: KIRBY 16802

END



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: Kirby 16802

Official #: D956355

Page 1 of 1

Shipyard: CARUTHERSVI

Hull #: 5306

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'l's of Construction
		Group No	Exc				

Authorized Subchapter O Cargoes

Butadiene	BDI	30	N	LFG	II		.50-70(a), .50-73
Propylene, Propane, MAPP gas mixture (containing 12% orless MAPP gas)	PPM	30	Y	LFG	III		

Explanation of terms & symbols used in the Table:

Cargo Identification

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.
Compatibility 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.
------	---