



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

Certification Date:	21 Oct 2020
Expiration Date:	21 Oct 2021

# Temporary 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.

This Temporary Certificate of Inspection is issued under the provision of Title 46 United States Code, Section 399, in lieu of the regular certificate of inspection, and shall be in force only until the receipt on board said vessel of the original certificate of inspection, this certificate in no case to be valid after one year from the date of inspection.

Vessel Name	Official Number	IMO Number	Call Sign	Service
KIRBY 16801	958770			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	09Feb1990	01Oct1989	R-1320	R-687		R-248.6
UNITED STATES			I-	I-		I-248.6

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---**

THIS TANK BARGE IS PARTICIPATING IN THE EIGHTH-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 THE OCMI HOUSTON-GALVESTON.

\*\*\*SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION\*\*\*

With this Inspection for Certification having been completed at Houma, LA, UNITED STATES, the Officer in Charge, Marine Inspection, Houma, Louisiana 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: <b>M. M. SPOLARICH, CDR, USCG</b> , By Direction Officer in Charge, Marine Inspection Houma, Louisiana Inspection Zone
Date	Zone	A/P/R	Signature	



# Temporary Certificate of Inspection

Vessel Name: KIRBY 16801

**---Hull Exams---**

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Sep2025	23Sep2020	02Sep2015
Internal Structure	30Sep2023	23Sep2020	02Sep2015

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

Authorization: LIQUIFIED FLAMMABLE GAS & 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\***

**\*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), (BMX)	739	4.700
1 & 2 (BUT)	767	4.800
1 & 2 (BTN)	793	4.960
1 & 2 (PRP), (PPM)	639	4.200
1 & 2 (PPL)	668	4.300

**\*Conditions of Carriage\***

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN89016406, dated 10-Mar-00, may be carried.

**\*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)			

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 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. PPM is the only O and D mixture presently authorized.

\*\*\*Special seasonal loading constraints\*\*\*





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Vessel Name: KIRBY 16801

Vessel authorized special seasonal loading constraints for the carriage of Propylene (PPL) not to exceed 98% of cargo tank capacity and in accordance with 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)	02Sep2015	23Sep2020	30Sep2030	02Sep2015	23Sep2020	30Sep2025
1 & 2 (BDI)	02Sep2015	23Sep2020	30Sep2030	02Sep2015	23Sep2020	30Sep2025
1 & 2 (IBT), (BMX)	02Sep2015	23Sep2020	30Sep2030	02Sep2015	23Sep2020	30Sep2025
1 & 2 (BUT)	02Sep2015	23Sep2020	30Sep2030	02Sep2015	23Sep2020	30Sep2025
1 & 2 (BTN)	02Sep2015	23Sep2020	30Sep2030	02Sep2015	23Sep2020	30Sep2025
1 & 2 (PRP), (PPM)	02Sep2015	23Sep2020	30Sep2030	02Sep2015	23Sep2020	30Sep2025
1 & 2 (PPL)	02Sep2015	23Sep2020	30Sep2030	02Sep2015	23Sep2020	30Sep2025

**Hydro Test**

Tank Id	Safety Valves	Previous	Last	Next
1 & 2 (IBL)	02Sep2015	-	-	-
1 & 2 (BDI)	02Sep2015	-	-	-
1 & 2 (IBT), (BMX)	02Sep2015	-	-	-
1 & 2 (BUT)	02Sep2015	-	-	-
1 & 2 (BTN)	02Sep2015	-	-	-
1 & 2 (PRP), (PPM)	02Sep2015	-	-	-
1 & 2 (PPL)	02Sep2015	-	-	-

**---Lifesaving Equipment---**

Total Equipment for 0 Persons

Primary Lifesaving Equipment	Quantity	Capacity		Required
Lifeboats (Total)	0	0	Life Preservers (Adult)	0
Lifeboats (Port)	0	0	Life Preservers (Child)	0
Lifeboats (Starboard)	0	0	Ring Buoys (Total)	0
Motor Lifeboats	0	0	With Lights	0
Lifeboats With Radio	0	0	With Line Attached	0
Rescue Boats/Platforms	0	0	Other	0
Inflatable Rafts	0	0	Immersion Suits	0
Life Floats/Buoyant App	0	0	Portable Lifeboat Radios	0
Inflatable Buoyant Apparatus (IBA)	0	0	Equipped With EPIRB?	NO

**---Conditional Portable Fire Extinguisher Requirements---**

Required Only During Transfer of Cargo or Operation of Barge Machinery



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Vessel Name: KIRBY 16801

## --- Fire Fighting Equipment ---

### \*Fire Extinguishers - Hand portable and semi-portable\*

Quantity	Class Type
1	40-B

\*\*\*END\*\*\*



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 16801

Shipyard:

Official #: D958770

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Hull #: 5307

### 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's of Construction
		Group No	Exc				
<b>Authorized Subchapter O Cargoes</b>							
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			

### 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.
Compatibality 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.
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