



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

Certification Date: 24 Apr 2020  
Expiration Date: 24 Apr 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 14825 B	CG004044			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
	Steel		

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
BEAUMONT, TEXAS	01Jan1970		R-1545	R-1545		R-180.0
			L	L		L0

Owner	Operator
KIRBY INLAND MARINE, LP 55 WAUGH DRIVESUITE 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 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: <i>J. J. Andrew</i> J. J. ANDREW, CDR, USCG, By direction
Date	Zone	A/P/R	Signature	
2-24-2021	Freeport TX	A	Michael W. Johnson	Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur
5-24-22	HOUSTON	D	JAKE FRANCIS	
2115123	HOU	A	David W. Johnson	
1-25-24	Houston TX	A	Randy Nelson	Inspection Zone





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Vessel Name: KIRBY 14825 B

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Apr2030	24Apr2020	14May2010
Internal Structure	30Apr2025	24Apr2020	01May2015

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

Authorization: LIQUIFIED FLAMMABLE GAS AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
14333	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 P/S (BDI, BBM)	736	5.200
1 P/S (PRP, PPM)	564	4.200
1 P/S (PPL)	589	4.300
1 P/S (BUT)	677	4.800

#### \*Conditions Of Carriage\*

#### \*Loading Constraints - Stability\*

Hull Type	Max Load	Max Draft	Max Density	Route	(S/T)	(ft/in)	(lbs/gal)
II (BDI)(BBM)	1472	8'9"	5.2	LBS, R, LC (0-12)			
II (BUT)	1354	8'9"	4.8	LBS, R, LC (0-12)			
II (PRP)(PPM)	1128	8'9"	4.2	LBS, R, LC (0-12)			
II (PPL)	1178	8'9"	4.3	LBS, R, LC (0-12)			

#### \*Conditions of Carriage\*

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial # VN80000383, dated 30 March 2001, may be carried.

Inspected and approved for the carriage of liquefied flammable gases at a pressure not to exceed 260 PSIG setting and at a temperature not less than ambient.

Mixtures of the subchapter D liquefied flammable gas cargoes Butane (BUT), 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.

Mixtures of subchapter O and D liquefied gas cargoes not specified above must be approved by Commandant prior to being authorized for carriage. BBM and PPM are the only O and D LFG mixtures presently authorized.

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

#### \*Stability and Trim\*

Cargo tanks must be loaded uniformly whenever a 46 CFR Subchapter "O" cargo is carried; for trim purposes, the weight of



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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 P/S (BDI, BBM)	14May2010	24Apr2020	30Apr2030	01May2015	24Apr2020	30Apr2025
1 P/S (PRP, PPM)	14May2010	24Apr2020	30Apr2030	01May2015	24Apr2020	30Apr2025
1 P/S (PPL)	14May2010	24Apr2020	30Apr2030	01May2015	24Apr2020	30Apr2025
1 P/S (BUT)	14May2010	24Apr2020	30Apr2030	01May2015	13Apr2020	30Apr2025

**Hydro Test**

Tank Id	Safety Valves	Hydro Test		
		Previous	Last	Next
1 P/S (BDI, BBM)	13Feb2020	-	-	-
1 P/S (PRP, PPM)	13Feb2020	-	-	-
1 P/S (PPL)	13Feb2020	-	-	-
1 P/S (BUT)	13Feb2020	-	-	-

**---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	B-II

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



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## Cargo Authority Attachment

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Official #: **CG004044**

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Shipyard:  
Hull #:

### 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				

#### Authorized Subchapter O Cargoes

Butadiene, Butylene mixtures (containing Acetylenes)	BBM	30	N	II	50-30, 50-70(a), 50-73, 56-1(b), (d), (f), (g)
Butadiene	BDI	30	N	LFG II	50-70(a), 50-73
Butane	BUT	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.
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.
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