



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

Certification Date: 23 May 2024

Expiration Date: 23 May 2029

# 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 14803 | 614000          |            |           | Tank Barge |

|                   |               |            |            |
|-------------------|---------------|------------|------------|
| Hailing Port      | Hull Material | Horsepower | Propulsion |
| SAN FRANCISCO, CA | Steel         |            |            |
| UNITED STATES     |               |            |            |

|               |               |                |            |          |     |         |
|---------------|---------------|----------------|------------|----------|-----|---------|
| Place Built   | Delivery Date | Keel Laid Date | Gross Tons | Net Tons | DWT | Length  |
| TAMPA, FL     | 01Jan1979     | 01Jan1979      | R-1807     | R-1807   |     | R-245.0 |
| UNITED STATES |               |                |            |          |     | 1-0     |

|  |  |
|--|--|
| Owner  | Operator   |
| KIRBY INLAND MARINE LP<br>55 WAUGH DR STE 1000<br>HOUSTON, TX 77007<br>UNITED STATES | KIRBY INLAND MARINE, LP<br>18350 MARKET STREET<br>CHANNELVIEW, TX 77530<br>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 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 in accordance with 46 CFR 31.10-21(a). 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.

**\*\*\*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>L. L. Woodman</i><br>L. L. WOODMAN, CDR, USCG, By direction<br>Officer in Charge, Marine Inspection<br>Marine Safety Unit Port Arthur<br>Inspection Zone |
| Date                          | Zone | A/P/R | Signature |   |
|                               |      |       |           |   |
|                               |      |       |           |   |
|                               |      |       |           |   |
|                               |      |       |           |   |



# Certificate of Inspection

Vessel Name: KIRBY 14803

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.

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

| Exam Type          | Next Exam | Last Exam | Prior Exam |
|--------------------|-----------|-----------|------------|
| DryDock            | 31Mar2029 | 19Mar2019 | 21Nov2008  |
| Internal Structure | 31May2029 | 23May2024 | 19Mar2019  |

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

Authorization: LIQUID FLAMMABLE GASES AND SPECIFIED HAZARDOUSE CARGOES

| Total Capacity | Units   | Highest Grade Type | Part151 Regulated | Part153 Regulated | Part154 Regulated |
|----------------|---------|--------------------|-------------------|-------------------|-------------------|
| 14860          | 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) |
|---------------------------|--|---------------------------|
| P, C, S (AAD)             | 648                                    | 6.500                     |
| P, C, S (BUT)             | 468                                    | 4.800                     |
| P, C, S (BTN)             | 485                                    | 5.000                     |
| P, C, S (BDI)             | 512                                    | 5.200                     |

**\*Conditions Of Carriage\***

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

| Hull Type | Max Load (S/T) | Max Draft (ft/in) | Max Density (lbs/gal) | Route             |
|-----------|----------------|-------------------|-----------------------|-------------------|
| II (BDI)  | 1536           | 6'7.88"           | 5.2                   | LBS, R, LC (0-12) |
| II (AAD)  | 1944           | 7'9.00"           | 6.5                   | LBS, R, LC (0-12) |
| II (BTN)  | 1455           | 6'5.25"           | 5.0                   | LBS, R, LC (0-12) |
| II (BUT)  | 1404           | 6'3.50"           | 4.8                   | LBS, R, LC (0-12) |

Inspected and approved for the carriage of liquefied flammable gases at a pressure not to exceed 100 PSI, and at temperatures no less than ambient.

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial # VN80014379, dated 18 Jan 2000, may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

**\*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 ---**





# Certificate of Inspection

Vessel Name: KIRBY 14803

**\*Cargo Tanks\***

| Tank Id       | Internal Exam |           |           | External Exam |           |           |
|---------------|---------------|-----------|-----------|---------------|-----------|-----------|
|               | Previous      | Last      | Next      | Previous      | Last      | Next      |
| P, C, S (AAD) | 02Jul2007     | 19Mar2019 | 31Mar2029 | 31Mar2022     | 23May2024 | 31May2029 |
| P, C, S (BUT) | 02Jul2007     | 19Mar2019 | 31Mar2029 | 31Mar2022     | 23May2024 | 31May2029 |
| P, C, S (BTN) | 02Jul2007     | 19Mar2019 | 31Mar2029 | 31Mar2022     | 23May2024 | 31May2029 |
| P, C, S (BDI) | 02Jul2007     | 19Mar2019 | 31Mar2029 | 31Mar2022     | 23May2024 | 31May2029 |

Hydro Test

| Tank Id       | Safety Valves | Previous | Last | Next |
|---------------|---------------|----------|------|------|
| P, C, S (AAD) | 07May2024     | -        | -    | -    |
| P, C, S (BUT) | 07May2024     | -        | -    | -    |
| P, C, S (BTN) | 07May2024     | -        | -    | -    |
| P, C, S (BDI) | 07May2024     | -        | -    | -    |

**---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\*\*\*



# Certificate of Inspection

## Cargo Authority Attachment

Official #: D614000

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Shipyard: MISENER INDUSTRIES

Hull #: 128

### 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 (46 CFR Part 151) and D Liquefied Flammable Gases</b> |           |          |     |       |           |                        |  |
| Acetaldehyde   | AAD       | 19       | N   | A     | II        |                        | 55-1(h)  |
| Butadiene  | BDI       | 30       | N   | LFG   | II        |                        | 50-70(a), 50-73  |
| Butylene   | BTN       | 30       | N   | LFG   |           |                        |  |
| Butane   | BUT       | 31       | N   | LFG   |           |                        |  |

### 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.