



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

| | |
|---------------------|-------------|
| Certification Date: | 28 Mar 2023 |
| Expiration Date: | 28 Mar 2028 |

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 16828 | 1244626 | | | Tank Barge |

| | | | |
|---------------|---------------|------------|------------|
| Hailing Port | Hull Material | Horsepower | Propulsion |
| HACKBERRY, LA | Steel | | |
| UNITED STATES | | | |

| | | | | | | |
|---------------|---------------|----------------|------------|----------|-----|---------|
| Place Built | Delivery Date | Keel Laid Date | Gross Tons | Net Tons | DWT | Length |
| Houston, TX | 25Feb2013 | 27Jul2012 | R-1419 | R-1419 | | R-250.0 |
| UNITED STATES | | | | | | 1-0 |

| | |
|--|--|
| 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 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 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

*****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>K. A. Hantal</i> K. A. Hantal, ODR, USCG, By direction |
| Date | Zone | A/P/R | Signature | |
| 5-18-24 | NOGA | A | Dwayne BACENEK | Officer In Charge, Marine Inspection |
| | | | | Marine Safety Unit Port Arthur |
| | | | | Inspection Zone |



Certificate of Inspection

Vessel Name: KIRBY 16828

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 | 31Mar2033 | 28Mar2023 | 25Feb2013 |
| Internal Structure | 31Mar2028 | 28Mar2023 | 08Dec2017 |

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

Authorization: LIQUEFIED FLAMMABLE GASES

| Total Capacity | Units | Highest Grade Type | Part151 Regulated | Part153 Regulated | Part154 Regulated |
|----------------|---------|--------------------|-------------------|-------------------|-------------------|
| 16941 | Barrels | LFG | Yes | No | No |

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

| Tank Number | Max Cargo Weight per Tank (short tons) | Maximum Density (lbs/gal) |
|-------------|--|---------------------------|
| P/S BDI | 874 | 5.222 |
| P/S BTN | 785 | 4.997 |
| P/S BUT | 770 | 4.872 |
| P/S IBT | 726 | 4.689 |
| P/S PPL | 652 | 4.347 |
| P/S PRP | 622 | 4.239 |
| P/S DMA | 904 | 5.588 |

Loading Constraints - Stability

| Hull Type | Maximum Load (short tons) | Maximum Draft (ft/in) | Max Density (lbs/gal) | Route Description |
|-----------|---------------------------|-----------------------|-----------------------|--------------------------------|
| II | 1748 | 8ft 2in | 5.222 | Rivers, Lakes, Bays and Sounds |
| II | 1570 | 7ft 10in | 4.997 | Rivers, Lakes, Bays and Sounds |
| II | 1541 | 7ft 10in | 4.872 | Rivers, Lakes, Bays and Sounds |
| II | 1452 | 7ft 7in | 4.689 | Rivers, Lakes, Bays and Sounds |
| II | 1304 | 7ft 2in | 4.347 | Rivers, Lakes, Bays and Sounds |
| II | 1244 | 7ft 4in | 4.239 | Rivers, Lakes, Bays and Sounds |
| II | 1807 | 8ft 6in | 5.588 | Rivers, Lakes, Bays and Sounds |

Conditions Of Carriage

Inspected and approved for the carriage of liquefied flammable gases (LFGs) at a pressure not to exceed 260 psi and at temperatures not less than ambient. Those LFG's that have been authorized for carriage are identified by their CHRIS Code in the Loading Constraints above.

Mixtures of the Subchapter D liquefied flammable gas cargoes listed above are also authorized for carriage subject to the loading and stability constraints of the least dense cargo in the mixture.



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Mixtures of Subchapter O and D liquefied gas cargoes not specified above must be approved by the Marine Safety Center prior to being authorized for carriage.

In accordance with 46 CFR 150.130, Person In Charge of the vessel is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150.

The maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter O cargoes at shallower drafts, the barge should always be loaded uniformly.

--- Inspection Status ---

Cargo Tanks

| Tank Id | Internal Exam | | | External Exam | | |
|---------|---------------|-----------|-----------|---------------|-----------|-----------|
| | Previous | Last | Next | Previous | Last | Next |
| P/S BDI | 25Feb2013 | 28Mar2023 | 31Mar2033 | 01Dec2020 | 28Mar2023 | 31Mar2028 |
| P/S BTN | 25Feb2013 | 28Mar2023 | 31Mar2033 | 01Dec2020 | 28Mar2023 | 31Mar2028 |
| P/S BUT | 25Feb2013 | 28Mar2023 | 31Mar2033 | 01Dec2020 | 28Mar2023 | 31Mar2028 |
| P/S IBT | 25Feb2013 | 28Mar2023 | 31Mar2033 | 01Dec2020 | 28Mar2023 | 31Mar2028 |
| P/S PPL | 25Feb2013 | 28Mar2023 | 31Mar2033 | 01Dec2020 | 28Mar2023 | 31Mar2028 |
| P/S PRP | 25Feb2013 | 28Mar2023 | 31Mar2033 | 01Dec2020 | 28Mar2023 | 31Mar2028 |
| P/S DMA | 25Feb2013 | 28Mar2023 | 31Mar2033 | 01Dec2020 | 28Mar2023 | 31Mar2028 |

Hydro Test

| Tank Id | Safety Valves | Previous | Last | Next |
|---------|---------------|----------|------|------|
| P/S BDI | 16Feb2023 | - | - | - |
| P/S BTN | 16Feb2023 | - | - | - |
| P/S BUT | 16Feb2023 | - | - | - |
| P/S IBT | 16Feb2023 | - | - | - |
| P/S PPL | 16Feb2023 | - | - | - |
| P/S PRP | 16Feb2023 | - | - | - |
| P/S DMA | 16Feb2023 | - | - | - |

---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