



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 KIRBY 21004T | Official Number 997194 | IMO Number | Call Sign | Service Tank Barge |
| Hailing Port NORFOLK, VA | Hull Material Steel | Horsepower | Propulsion None | |
| UNITED STATES | | | | |
| Place Built JEFFERSONVILLE IN | Delivery Date 03Feb1994 | Keel Laid Date 05Nov1993 | Gross Tons R-1211 | Net Tons R-1211 |
| UNITED STATES | | | DWT | Length R-222.5 |
| | | | I- | I-0 |
| Owner KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES | Operator 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---

Also, in fair weather only, coastwise, 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 Table 31.10-21(b); if this vessel is operated in salt water more than six (6) months in any twelve (12) month period, the vessel must be inspected using salt water intervals 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 New Orleans, LA, UNITED STATES, the Officer in Charge, Marine Inspection, Sector New Orleans 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: M.N. COCHRAN COMMANDER , by direction |
|-------------------------------|-------------|-------|---------------------|---|
| Date | Zone | A/P/R | Signature | |
| 9-29-20 | HOU / GAL | A | DANNY E. MURRAY | Officer in Charge, Marine Inspection Sector New Orleans |
| 9-16-21 | HOU / GAL | P | DANNY E. MURRAY | |
| 7-26-22 | IBELLA | P | 250 hours Gilbertus | Inspection Zone |
| 8-30-2023 | IBELLA TRIP | A | Darrell Landry | |



Certificate of Inspection

Vessel Name: KIRBY 21004T

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.

---Hull Exams---

| Exam Type | Next Exam | Last Exam | Prior Exam |
|--------------------|-----------|-----------|------------|
| DryDock | 30Aug2029 | 03Sep2019 | 20Aug2014 |
| Internal Structure | 30Sep2024 | 03Sep2019 | 06Oct2017 |

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

Authorization: GRADE A AND LOWER AND SPECIFIED HAZARDOUS CARGOES.

| Total Capacity | Units | Highest Grade Type | Part151 Regulated | Part153 Regulated | Part154 Regulated |
|----------------|---------|--------------------|-------------------|-------------------|-------------------|
| 21212 | Barrels | A | 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 | 437 | 13.500 |
| 2 P/S | 204 | 13.500 |
| 3 P/S | 408 | 13.500 |
| 4 P/S | 204 | 13.500 |
| 5 P/S | 403 | 13.500 |

Loading Constraints - Stability

| Hull Type | Maximum Load (short tons) | Maximum Draft (ft/in) | Max Density (lbs/gal) | Route Description |
|-----------|---------------------------|-----------------------|-----------------------|-------------------|
| II | 3427 | 9ft 6in | 13.5 | R, LBS, LC 0-12 |
| III | 3152 | 10ft 6in | 7.5-13.5 | R, LBS, LC 0-12 |

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN93011829, dated 26OCT01, and Grade "A" and lower cargoes may be carried.

Vapor Control Authorization

This vessel's vapor control system has been inspected to the plans approved by the Marine Safety Center letter serial #C-30661 dated 03DEC93, and found acceptable for the collection of cargo vapors from those specific subchapter "D" cargoes contained in that letter, and those specified hazardous cargoes annotated with either "V" in the CAA.

Per 46 CFR Part 39.1017 and 39.5000(e) this vessel's VCS has been evaluated and approved for multi-breasted tandem loading with other vessels specifically approved to tandem load with this vessel.

Deck Slop Tank

Deck slop tank is authorized for Grade "A" and lower & specified hazardous cargoes.

Stability and Trim



Certificate of Inspection

Vessel Name: KIRBY 21004T

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 P/S | 14Mar2019 | 03Sep2019 | 30Sep2029 | - | - | - |
| 2 P/S | 14Mar2019 | 03Sep2019 | 30Sep2029 | - | - | - |
| 3 P/S | 14Mar2019 | 03Sep2029 | 30Sep2029 | - | - | - |
| 4 P/S | 14Mar2019 | 03Sep2019 | 30Sep2029 | - | - | - |
| 5 P/S | 14Mar2019 | 03Sep2019 | 30Sep2029 | - | - | - |

Hydro Test

| Tank Id | Safety Valves | | Hydro Test | | |
|---------|---------------|------|------------|------|------|
| | Previous | Last | Previous | Last | Next |
| 1 P/S | - | - | - | - | - |
| 2 P/S | - | - | - | - | - |
| 3 P/S | - | - | - | - | - |
| 4 P/S | - | - | - | - | - |
| 5 P/S | - | - | - | - | - |

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Number of Fireman Outfits - 0

Fire Extinguishers - Hand portable and semi-portable

| Quantity | Class Type |
|----------|------------|
| 2 | 40-B |

END



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: S/R 262

Official #: D997194

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Shipyard: JEFFBOAT

Hull #: 93-2876

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 | | | | | |
| Adiponitrile | ADN | 37 | N | E | II | V | No | |
| Anthracene oil (Coal tar fraction) | AHO | 33 | N | | II | | No | |
| Acetonitrile | ATN | 37 | N | C | III | | No | |
| iso-Butyraldehyde | BAD | 19 | N | C | III | | | |
| Butyl acrylate (all isomers) | BAR | 14 | N | D | III | | .50-70(a), .50-81(a), (b) | |
| (crude)Butyraldehyde | BFA | 19 | N | | | V | | |
| Benzene hydrocarbon mixtures (having 10% Benzene or more) | BHB | 32 | N | | III | | .50-60 | |
| Butyl methacrylate | BMH | 14 | N | D | III | | .50-70(a), .50-81(a), (b) | |
| Benzene | BNZ | 32 | N | C | III | V | .50-60 | |
| n-Butyraldehyde | BTR | 19 | N | C | III | V | | |
| Benzene, Toluene, Xylene mixtures (having 10% Benzene or more) | BTX | 32 | N | B/C | III | V | .50-60 | |
| Carbon tetrachloride | CBT | 36 | N | | III | | No | |
| Creosote (all isomers) | CCW | 21 | Y | E | III | V | No | |
| Camphor oil | CPO | 18 | N | D | II | | No | |
| Chlorobenzene | CRB | 36 | N | D | III | V | No | |
| Chloroform | CRF | 36 | N | E | III | | No | |
| Cresols | CRS | 21 | N | E | III | V | No | |
| Cyclopentadiene, Styrene, Benzene mixture | CSB | 30 | N | D | | | .50-60, .56-1(b) | |
| Crotonaldehyde | CTA | 19 | Y | C | II | | .55-1(h) | |
| 1,1-Dichloroethane | DCH | 36 | N | C | III | V | No | |
| Dichloromethane | DCM | 36 | N | NF | III | | No | |
| Dichloropropene, Dichloropropane mixtures | DMX | 15 | N | | II | V | No | |
| 1,3-Dichloropropene | DPU | 15 | N | D | II | | No | |
| 1,1-, 1,2-, or 1,3-Dichloropropane | DPX | 36 | N | C | | | | |
| Ethyl acrylate | EAC | 14 | N | C | III | | .50-70(a), .50-81(a), (b) | |
| 2-Ethylhexyl acrylate | EAI | 14 | N | E | III | | .50-70(a), .50-81(a), (b) | |
| Ethylene dichloride | EDC | 36 | Y | C | III | V | No | |
| Ethylene glycol propyl ether | EGP | 40 | N | E | III | V | No | |
| 2-Ethyl-3-propylacrolein | EPA | 19 | Y | E | III | V | No | |
| Ethylene cyanohydrin | ETC | 20 | N | E | III | V | No | |
| Ethyl methacrylate | ETM | 14 | N | C | III | | .50-70(a) | |
| Ethylene dichloride, 1,1,2-Trichloroethane mixture | ETX | | | | | | | |
| Furfural | FFA | 19 | N | E | III | V | .55-1(h) | |
| Formaldehyde solution (37% to 50%) | FMS | 19 | Y | D/E | III | V | .55-1(h) | |
| Glutaraldehyde solution (50% or less) | GTA | 19 | N | NF | III | | No | |
| Isoprene | IPR | 30 | N | A | III | | .50-70(a), .50-81(a), (b) | |
| Methyl acrylate | MAM | 14 | N | C | III | | .50-70(a), .50-81(a), (b) | |
| Methylstyrene, Indenes, Alkylbenzene mixtures | MIA | | | | | | | |
| Methyl methacrylate | MMM | 14 | N | C | III | | .50-70(a), .50-81(a), (b) | |
| Mesityl oxide | MSO | 18 | Y | D | III | V | No | |
| alpha-Methylstyrene | MSR | 30 | N | D | III | | .50-70(a), .50-81(a), (b) | |
| Coal tar naphtha solvent | NCT | 33 | N | D | III | | .50-73 | |
| 1- or 2-Nitropropane | NPM | 42 | N | D | III | V | .50-81 | |
| Octyl nitrates (all isomers) | ONE | 34 | Y | E | | | | |
| 1,3-Pentadiene | PDE | 30 | N | A | III | | .50-70(a), .50-81 | |
| Perchloroethylene | PER | 36 | N | NF | III | | No | |
| 3-Pentenenitrile (crude) | PNT | 37 | N | D | | | | |
| Sodium chlorate solution (50% or less) | SDD | 0 | Y | NF | III | | .50-73 | |
| Styrene tar | STT | 33 | N | E | | | | |

*** This document is only valid when attached to, and referenced by a current, valid Certificate of Inspection. *



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **S/R 262**
Official #: **D997194**

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Shipyard: **JEFFBOAT**
Hull #: **93-2876**

| 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 | | | | |
| Styrene (crude) | STX | 30 | N | C | III | | No |
| Styrene | STY | 30 | N | D | III | | .50-70(a), .50-81(a), (b) |
| Sewage, raw | SWR | | | | | | |
| Trichloroethylene | TCL | 36 | Y | | III | | No |
| 1,1,2,2-Tetrachloroethane | TEC | 36 | N | NF | III | | No |
| Tetrahydrofuran | THF | 41 | N | C | III | V | .50-70(b) |
| Vinyl acetate | VAM | 13 | N | C | III | | .50-70(a), .50-81(a), (b) |

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.