

0 Second Mates 0 Third Mates

0 Master First Class Pilot

0 Mate First Class Pilots

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

Certification Date: 30 Jan 2020 **Expiration Date:** 30 Jan 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 USL-148 594040 Tank Barge Hailing Port Hull Material Horsepower Propulsion HOUSTON, TX Steel Unknown UNITED STATES Place Built Delivery Date Keel Laid Date Gross Tons Net Tons DWT Lenath DECATUR, AL R-1640 R-1640 R-192 3 31Dec1978 1-0 **UNITED STATES** Owner Operator KIRBY INLAND MARINE KIRBY INLAND MARINE LP 18350 Market St 16402 1/2 De ZAVALA Channelview, TX 77530 CHANNELVIEW, TX 77530 **UNITED STATES** 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 Chief Engineers 0 Oilers 0 Masters 0 Licensed Mates 0 First Class Pilots 0 Chief Mates 0 First Assistant Engineers

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

0 Second Assistant Engineers

0 Third Assistant Engineers

0 Licensed Engineers

Route Permitted And Conditions Of Operation:

---Lakes, Bays, and Sounds plus Limited Coastwise---

0 Radio Officers

0 Able Seamen

0 Deckhands

0 Ordinary Seamen

Also, in fair weather only, coastwise, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

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 Houston, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Sector Houston-Galveston certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

| | Annual/Perio | dic/Re-Inspe | ction | This certificate issued by: |
|------|--------------|--------------|-----------|--|
| Date | Zone | A/P/R | Signature | Nicole D. Rodrigue CDR, USCG, By Direction |
| | | | | Officer in Charge, Marine Inspector |
| | | | | Sector Houston-Galveston |
| | | | | Inspection Zone |
| | | | | |



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

30 Jan 2020 Certification Date: 30 Jan 2021 **Expiration Date:**

Temporary Certificate of Inspection

Vessel Name: USI -148

---Hull Exams---

Exam Type

Next Exam

Last Exam

Prior Exam

DryDock

31Jan2030

23Jan2020

28May2015

Internal Structure

31Jan2022

07Jan2020

25May2017

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

LFG and specified hazardous cargoes

Total Capacity

Units

Highest Grade Type

Part151 Regulated Part153 Regulated Part154 Regulated

14286

Barrels

LFG

Yes

No

No

Hazardous Bulk Solids Authority

Loading Constraints - Structural

Tank Number

Max Cargo Weight per Tank (short tons)

Maximum Density (lbs/gal)

(POX) P/S

870

7.2

(BDI) P/S

735

5.2

(BBM) P/S

735

5.2

Conditions Of Carriage

Loading Constraints - Stability

Hull Type Max Load (ft/in)

Max Draft

Max Density Route

II/III (POX) 1740

(lbs/gal) 8'6"

7.2 LBS. R. LC (0-12)

II/III (BDI) II/III (BBM) 1470 1470 7'8" 5.2 7'8" 5.2

LBS, R, LC (0-12) LBS, R, LC (0-12)

Inspected and approved for the carriage of liquefied flammable gases and specified hazardous cargoes at a pressure not to exceed 90 P.S.I. and at a temperature not less than zero degrees Fahrenheit. Those LFGs 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.

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

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.

No other cargo may be carried in a tank certified for the carriage of an alkaline oxide (POX) until certain requirements are met. See 46 CFR 151.50-10(c)(1).

--- Inspection Status ---

Cargo Tanks

Internal Exam

External Exam

Tank Id

Previous

Last

Next

Previous

Last

Next

(POX) P/S

29Apr2010

07Jan2020

31Jan2030

25May2017

07Jan2020

31Jan2022

Dept. Of Home Sec., USCG - CG-854 (Rev. 06-04)

Page 2 of 3

OMB Approved No. 1625-0057



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

Certification Date: 30 Jan 2020 Expiration Date: 30 Jan 2021

Temporary Certificate of Inspection

Vessel Name: USL-148

| - 1 | | | | | | | | |
|-----|-----------|--------------|-----------|------------|-----------|-----------|-----------|--|
| | (BDI) P/S | 29Apr2010 | 07Jan2020 | 31Jan2030 | 25May2017 | 07Jan2020 | 31Jan2022 | |
| | (BBM) P/S | 29Apr2010 | 07Jan2020 | 31Jan2030 | 25May2017 | 07Jan2020 | 31Jan2022 | |
| | | | | Hydro Test | | | | |
| | Tank Id | Safety Valve | S | Previous | Last | Next | | |
| | (POX) P/S | 06Jan2020 | | - | 01Jun1978 | - | | |
| | (BDI) P/S | 06Jan2020 | | - | 01Jun1978 | - | | |
| | (BBM) P/S | 06Jan2020 | | - | 01Jun1978 | - | | |

---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

Quantit

B-II

END

| | Safety val | ve inspection | on report | |
|---|-------------------|--|---------------------------------------|--|
| Certificate nr | 646 | | | |
| Date | 646 01-04-2020 | | Job no. | LV-4956-SG |
| | | | Client | Kirby |
| | V | alve data | | |
| Set pressure (cold) | 90 psi | | Size | 5 · 5 · 6 |
| Tag. No. | | | Rating | 6x R x 8 |
| Serial No. | 576846-6- A 10 | | Nozzle / Orific | 150 x `50 e R |
| Manufacturer Time / Madal | Farris | | Fluid | Air |
| Type / Model | 26RA10-120 | | Barge # | USL 148 |
| | T | est data | | |
| Set pressure test | × | | Seat tightne | oos toot |
| Found set pressure | 90 psi | | Seat tightne | |
| Reseat pressure (indication) | | | Leakage Test pressure | 0 bubbles/mir |
| Result | Passed | | Result | 85 psi |
| Test method | Air | | Neguit | Passed |
| Manual Back Pressure test | | | | |
| BP Pressure | 30 Psi | | Et Silli Bi | |
| BP Result | Passed | | Law Val | re of Texas |
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| Name Bry | ant Ritchie | | Inspected by | fanglessing |
| Date 1.6 | - 20 | | Date B | |
| Signature X | | | Date 1 | |

| | Safet | y val | ve ir | rspe | ctior | repo | rt | | |
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| Certificate nr | 647 | | | | | | | | |
| Date | 01-04-2020 | 1 | | | | Job n | | W-49 | 56-50 |
| | 01 01 2021 | | | | | Client | | Kirby | |
| | | . V | alve (| data | | | | | |
| Set pressure (cold) | 90 psi | | | | | Size | | £ v. D | |
| Tag. No. | | | | | | Ratin | a | 6 x R | (150 |
| Serial No. | 576846-5- | A10 | | | | | e / Orifice | 130) R | V 130 |
| Manufacturer Type / Model | Farris | | | | | Fluid | | Air | |
| Type / Model | 26RA10-12 | 20 | | | | Barge | # | USL 1 | 48 |
| | | Т | est d | ata | | | | | |
| Set pressure test | | • | 350 0 | | | Soot | tial | | |
| Found set pressure | 90 psi | | | | | | tightness | | |
| Reseat pressure (indication) | | | | | | Leaka Test n | ge ressure | | bles/mir |
| Result | Passed | | | | | Result | | 82 ps | |
| Test method | Air | | | | | , COUIT | | Passe | a |
| Manual Back Pressure test | | | | | | | | | |
| BP Pressure | 30 P-1 | | | | | _ | | | |
| BP Result | 30 Psi Passed | | | | | ann | Valva | of Tex | |
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| Pressure [psl] | | | | | ÷ | . * | | | E-SC ECHANGO |
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| Tested by | | | | | | Inspecto | ad by | | |
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| | 72/11 | | | | | Date | 2 | | |
| Signature | | | | | | | e MAN | | |

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| Certificate nr | 649 | | | _ | | |
| Date | 01-04-2020 | | | Job | no. | LV-4956-50 |
| | VIED-2020 | | | Clier | ıt | Kirby |
| | , | Val | ve data | | | |
| Set pressure (cold) | 90 psi | | | Size | | |
| Tag. No. | | | | | | 6 x R x 8 |
| Serial No. | 5768 46-4- <i>4</i> | 110 | | Rati | rig zle / Orifice | 150 x 150 |
| Manufacturer | Farris | | | Fluid | | R |
| Type / Model | 26RA10-12 | 0 | | Barg | | Air USL 148 |
| | | Tes | st data | - | | USL 146 |
| Set pressure test | | 1 63 | or uata | | | |
| Found set pressure | 91 psi | | | | t tightness te | st |
| Reseat pressure (indica | tion) 81 psi | | | Leak | = | 0 bubbles/min |
| Result | Passed | | | | pressure | 80 psi |
| Test method | Air | | | Resu | lt | Passed |
| | | | | | | |
| Manual Back Pressure t | est | | | | | |
| BP Pressure BP Result | 30 Psi | | | ll arm | . 1/_ 1/_ | 0 - |
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| Pressure [psi] | | | ¥ * ; | 7.11 | . See | · |
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| Name | District Manager | | | Inspect | ed by | |
| _ | Bryant Ritchie | | | Name | MSTI Nessi | 7 |
| Signature | 6-20 | | | Date | 5 | |
| 7 | | | | Signatur | re 61ANIO | |

Safety valve inspection report Certificate nr 645 Job no. LV-4956-50 Date 01-04-2020 Client Kirby Valve data Set pressure (cold) 90 psi Size 6xRx8 Tag. No. Rating 150 x 150 Serial No. 576846-3-A10 Nozzle / Orifice Manufacturer **Farris** Fluid Type / Model 26RA10-120 Barge # USL 148 Test data Set pressure test Seat tightness test Found set pressure 90 psi Leakage 0 bubbles/min. Reseat pressure (indication) 87 psi Test pressure 82 psi Result Passed Result **Passed** Test method Air Manual Back Pressure test **BP Pressure** 30 Psi Law Valve of Tex **BP** Result Passed 120 100 80 essure [psi] 60 40 20 00:00 00:10 00:20 00:30 00:40 00:50 01:00 Time [m:s] Tested by Inspected by Name **Bryant Ritchie** Name MST 1 BIZ. AL MOSCILL Date

Signature 6, 20

Signature

| | Safet | y valve | inspection | on report | | |
|---|--------------|---------|--|--|-----------------|---------------------------------------|
| Certificate nr | 642 | | | | | |
| Date | | Ç. | | Job no. | | LV-4956-50 |
| | 01-03-2020 | | | Client | | Kirby |
| | | Valv | e data | | | |
| Set pressure (cold) | 90 psi | | | | | |
| Tag. No. | o pu | | | Size | | 6xRx8 |
| Serial No. | 576846 | -2-A10 | | Rating | | 6" 150 x 8"15 |
| Manufacturer | Farris | | | Nozzie / O | rifice | R |
| Type / Model | 26RA10-12 | 20 | | Fluid | 100 | Air |
| | | • | * | Barge # | | USL 148 |
| | | Test | data | | | |
| Set pressure test | | | | Seat tigh | tness test | |
| Found set pressure | 90 psi | | | Leakage | | 0 bubbles/min. |
| Reseat pressure (indication) | -84 psi | | | Test pressu | ire | 82 psi |
| Result | Passed | | | Result | _ | Passed |
| Test method | Air | | | | | 1 44444 |
| Manual Back Pressure test | | | | | | |
| BP Pressure | 20 Per | | | | _ | |
| BP Result | 30 Psi | | | Law Va | huo o | F. Talland |
| | Passed | | | Luin ig | H/G VI | 15ACS |
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| | Safety va | lve inspecti | on report | |
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| Certificate nr | 641 | | | |
| Date | 01-03-2020 | | Job no. | LN-4956-50 |
| | | Value data | Client | Kirby |
| Set pressure (cold) | | Valve data | | |
| Tag. No. | 90 psi | | Size | 6xRx8 |
| Serial No. | 576846-1-A10 | | Rating | 6" 150x 8"15 |
| Manufacturer | Farris | | Nozzle / Orifice | R |
| Type / Model | 26RA10-120 | | Fluid | Air |
| | | | Barge # | USL 148 |
| | | Test data | | |
| Set pressure test | | | Seat tightnes | s test |
| Found set pressure | 89 psi | | Leakage | 0 bubbles/mir |
| Reseat pressure (indication) | • | | Test pressure | 82 psi |
| Result Test method | Passed | | Result | Passed |
| rescribering | Air | | | |
| Manual Back Pressure test | | | | |
| BP Pressure | 30 Psi | | 3 1 3 1 3 1 3 1 | |
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