





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

Certification Date: 20 Nov 2015

Expiration Date: 20 Nov 2020

# 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
CC-133	7502851			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
	Steel		

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
DECATUR, ALABAMA	01Jan1975		R-2008	R-2008		R-184.0
			I-	I-		I-0

Owner	Operator
KIRBY INLAND MARINE, LP 55 WAUGH DRIVE - SUITE 1000 PO BOX 1745 HOUSTON, TX 77251 UNITED STATES	KIRBY INLAND MARINE, LP 18350 Market St. 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 Engineer	
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

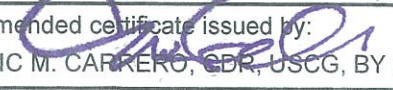
**Route Permitted And Conditions Of Operation:**  
**---Lakes, Bays, and Sounds---**

This vessel has been granted a fresh water service examination interval in accordance with 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 must be notified in writing as soon as this change in status occurs.

This barge shall not be used as a lead unit or single tow when carrying cargoes regulated by subchapter "O" that are required to be carried in a Type II hull.

\*\*\*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/Periodic/Re-Inspection				This Amended certificate issued by:  ERIC M. CARRERO, CDR, USCG, BY DIRECTION Officer in Charge, Marine Inspection Sector Houston-Galveston Inspection Zone
Date	Zone	A/P/R	Signature	
02Nov2016	SEC HouGalvstn	A	WALLNER HENRY	
16Oct2017	SEC HouGalvstn	P	GRANDVILLE TIA	



# Certificate of Inspection

Vessel Name: CC-133

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 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	17Nov2020	17Nov2010	01Aug2005
Internal Structure	20Nov2020	20Nov2015	17Nov2010

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

Authorization: SPECIFIED HAZARDOUS CARGO

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
14286	Barrels		Yes	No	No

**\*Hazardous Bulk Solids Authority\***

**\*Loading Constraints - Structural\***

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 AND 2	1000	7.200

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

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	1990	9ft 0in	7.20	
II	1990	9ft 0in	7.20	

**\*Conditions Of Carriage\***

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN80001260, dated 17Jul00, may be carried.

**\*STABILITY & 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 ---**

**\*Cargo Tanks\***

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 AND 2	01Aug2005	17Nov2010	17Nov2020	20Nov2015	17Oct2017	31Oct2020
	Hydro Test					
Tank Id	Safety Valves		Previous	Last	Next	
1 AND 2	16Oct2017		-	-	-	

**---Conditional Portable Fire Extinguisher Requirements---**

Required Only During Transfer of Cargo or Operation of Barge Machinery

**--- Fire Fighting Equipment ---**



# Certificate of Inspection

Vessel Name: CC-133

**\*Fire Extinguishers - Hand portable and semi-portable\***

Quantity	Class Type
1	B-II

**---Certificate Amendments---**

Unit Amending	Amendment Date	Amendment Remark
Sector Houston/Galveston	02Nov2016	Annual inspection conducted in accordance with the 8th District's TBSIP.
Sector Houston/Galveston	16Oct2017	Completed periodic inspection and updated safety relief valve test dates and CTEE inspection dates.

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



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: CC-133  
Official #: CG020099

Page 1 of 1

Shipyard:  
Hull #:

### List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 48 CFR 151 General and Matters of Construction
		Group No	Excl				
Propylene oxide	POX	16	N	A	II		.50-10, .50-13

#### Authorized Subchapter O Cargoes

#### Explanation of terms & symbols used in the Table:

##### Cargo Identification

- Name** The proper shipping name as listed in 48 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 48 CFR Part 150 Tables I and II. In accordance with 48 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 48 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 48 CFR 150 in conjunction with the assigned reactive group number.
- Exceptions (Excl)** Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 48 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 48 CFR 30-10.22.
- D, E** Combustible liquid cargoes, as defined in 48 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 48 CFR 151.10-1.
- I** Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 48 CFR 151.10-1(b)(1).
- II** Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 48 CFR 151.10-1(b)(3).
- III** Designed to carry products of sufficient hazard to require a moderate degree of control. See 48 CFR 151.10-1(b)(4).

##### Conditions of Carriage

- Note** See Certificate of Inspection for explanation of symbols used in this column.



16917 Market St, Channelview, TX 77530  
(713)453-0413

LVT Sales Order LV-2049-SO

Barge Name CC 133

## Shop Order & Test Report

Customer: Lyondell Order #

Make Hydroseal Size 3/4" x 1" Model # 3FRV30E/CO

Serial # 550040-3 Inlet 3/4" MNPT Outlet 1" FNPT

Construction: Conventional RV Cap: Plain

Set Pressure: 150 psi pressure

Tag: Orifice: 1/2"

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

### General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work: Install new EPDM kit #RK3CRV3E

Paint Cap Red

## Final Test Report

Date 10/9/2018

Set Pressure 150 psi pressure

Nozzle Ring Setting N/A

Back Pressure 50 PSI

Tested By: *Bryant Ritchie*

Witnessed By: *Bobby Davis*

U.S. Coast Guard Witness

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LVT Sales Order LV-2049-SO  
Barge Name CC 133

## Shop Order & Test Report

Customer:	Lyondell	Order #			
Make	Hydroseal	Size	3/4" x 1"	Model #	3FRV30E/CO
Serial #	582164-1	Inlet	3/4" MNPT	Outlet	1" FNPT
Constrution:	Conventional RV	Cap:	Plain		
Set Pressure:	150 psi pressure				
Tag:		Orifice:	1/2"		
Work Required:	Test Only	Test Air			
Condition Received:	Good				

### General Condition Pre-repair

Inlet	Good Cond.	Spring	Good Cond.
Seats	Good Cond.	Work	ST
Guide	Good Cond.	Repairs	Lapped Seats Installed gaskets
Outlet	Good Cond.		

Parts replaced and other work:

## Final Test Report

Date	10/9/2018		
Set Pressure	150 psi pressure		
Nozzle Ring Setting	N/A		
Back Pressure	50 PSI		
Tested By:	<i>Bryant Ritchie</i>	Witnessed By:	<i>Bobby Davis</i>

U.S. Coast Guard Witness