



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

Certification Date: 07 Oct 2020

Expiration Date: 07 Oct 2025

# 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
				Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
	Steel		

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
	11Apr2008	02Jun2007	R-1190	R-1190		R-225.0 140

Operator
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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:**

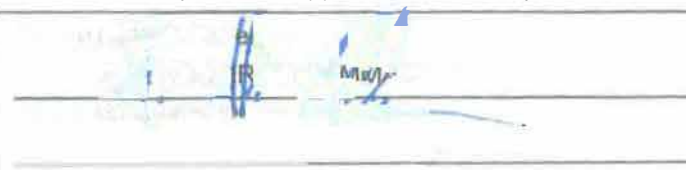
**---Lakes, Bays, and Sounds---**

Also, in fair weather only, 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.

**\*\*\*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				 Inspection Zone
Date	Zone	A/P/R	Signature	



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### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Oct2030	01Oct2020	29May2018
Internal Structure	31Oct2025	01Oct2020	28May2018

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

Authorization: GRADE "A" AND LOWER

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
14700	Barrels	A	No	No	No

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

Not Authorized

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

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 P/S	470	8.74
2 P/S	459	8.74
3 P/S	457	8.74

#### \*Conditions Of Carriage\*

When the vessel is carrying cargoes containing greater than 0.5% benzene, the Person In Charge is responsible for ensuring the provisions of 46 CFR 197, Subpart C are applied.

The maximum density of cargo which may be filled to the tank top is 8.74 lbs/gal.

#### \*Vapor Control Authorization\*

In accordance with 46 CFR Part 39, excluding part 39.40, this vessel's vapor control system has been inspected to the plans approved by Marine Safety Center dated February 15, 2008 and found acceptable for collection of bulk liquid cargo vapors annotated with "Yes" in the CAA's VCS column.

### --- Inspection Status ---

#### \*Cargo Tanks\*

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S	29May2018	01Oct2020	31Oct2030	-	-	-
2 P/S	29May2018	01Oct2020	31Oct2030	-	-	-
3 P/S	29May2018	01Oct2020	31Oct2030	-	-	-
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
1 P/S	-	-	-	-	-	
2 P/S	-	-	-	-	-	
3 P/S	-	-	-	-	-	



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**\*Pressure Vessels\***

Type	Location	Previous	Last	Next
Air Receiver	Deck	21Apr2016	11Jun2018	21Apr2021

**---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
3	B-II

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



# Certificate of Inspection

## Cargo Authority Attachment

### List of Authorized NLS Cargoes

Cargo Identification	Conditions of Carriage					
	Chem Code	Compat Group No	IMO Pollution Category	Grade	Tank Group	Vapor Recovery App'd (Y or N) VGS Category

This vessel is approved to collect vapors of the following 46 CFR Subchapter D flammable and/or combustible liquid cargoes using the approved onboard vapor control system.

#### Subchapter D Cargoes Authorized for Vapor Control

Acetone	ACT	18 <sup>2</sup>	III	C	A	Yes	1
Acetophenone	ACP	18	@D	E	A	Yes	1
Alcohol(C12-C16) poly(1-6)ethoxylates	APU	20	A	E	A	Yes	1
Alcohol(C6-C17)(secondary) poly(7-12)ethoxylates	AEB	20	B	E	A	Yes	1
Amyl acetate (all isomers)	AEC	34	C	D	A	Yes	1
Amyl alcohol (iso-, n-, sec-, primary)	AAI	20	D	D	A	Yes	1
Brake fluid base mixtures (containing Poly(2-8)alkylene(C2-C3) glycols, Polyalkylene(C2-C10) glycol monoalkyl(C1-C4) ethers, and their borate esters)	BFX	20	D	E	A	Yes	1
Butyl acetate (all isomers)	BAX	34	C	D	A	Yes	1
Butyl alcohol (iso-)	IAL	20 <sup>2</sup>	III	D	A	Yes	1
Butyl alcohol (n-)	BAN		III	D	A	Yes	1
Butyl alcohol (sec-)	BAS		III	C	A	Yes	1
Butyl alcohol (tert-)	BAT		III	C	A	Yes	1
Butyl toluene	BUE	32	@A	D	A	Yes	1
Cyclohexane	CHX	31	C	C	A	Yes	1
Cyclohexanol	CHN	20	D	E	A	Yes	1
p-Cymene	CMP	32	C	D	A	Yes	1
iso-Decaldehyde	IDA	19	@C	E	A	Yes	1
n-Decaldehyde	DAL	19	@B	E	A	Yes	1
Decene	DCE	30	B	D	A	Yes	1
Decyl alcohol (all isomers)	DAX	20 <sup>2</sup>	B	E	A	Yes	1
n-Decylbenzene, see Alkyl(C9+)benzenes	DBZ	32	III	E	A	Yes	1
Diacetone alcohol	DAA	20 <sup>2</sup>	D	D	A	Yes	1
Diethylbenzene	DEB	32	A	D	A	Yes	1
Diisobutylene	DBL	30	B	C	A	Yes	1
Diisobutyl ketone	DIK	18	D	D	A	Yes	1
Diisopropylbenzene (all isomers)	DIX	32	A	E	A	Yes	1
Diethyl phthalate	DOP	34	III	E	A	Yes	1
Dipentene	DPN	30	C	D	A	Yes	1
Diphenyl	DIL	32	A	D/E	A	Yes	1
Dipropylene glycol	DPG	40	III	E	A	Yes	1
Distillates: Flashed feed stocks	DFF	33	I	E	A	Yes	1
Distillates: Straight run	DSR	33	I	E	A	Yes	1
Dodecene (all isomers)	DOZ	30	B	D	A	Yes	1
Dodecylbenzene, see Alkyl(C9+)benzenes	DDB	32	III	E	A	Yes	1
2-Ethoxyethyl acetate	EEA	34	C	D	A	Yes	1
Ethoxy triglycol (crude)	ETG	40	D	E	A	Yes	1
Ethyl acetate	ETA	34	D	C	A	Yes	1
Ethyl alcohol	EAL	20 <sup>2</sup>	III	C	A	Yes	1
Ethylbenzene	ETB	32	B	C	A	Yes	1
Ethyl butanol	EBT	20	@D	D	A	Yes	1
Ethyl tert-butyl ether	EBE	41	C	C	A	Yes	1

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



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## Cargo Authority Attachment

Cargo Identification					Conditions of Carriage		
Name	Chem Code	Compat Group No	IMO Pollution Category	Grade	Tank Group	Vapor Recovery	
						App'd (Y or N)	VCS Category
Ethyl butyrate	EBR	34	C	D	A	Yes	1
Ethyl cyclohexane	ECY	31	C	D	A	Yes	1
Ethylene glycol butyl ether acetate	EMA	34	C	E	A	Yes	1
Ethylene glycol phenyl ether	EPE	40	D	E	A	Yes	1
Ethyl-3-ethoxypropionate	EEP	34	C	D	A	Yes	1
2-Ethylhexanol	EHX	20	@C	E	A	Yes	1
Ethyl propionate	EPR	34	D	C	A	Yes	1
Ethyl toluene	ETE	32	B	D	A	Yes	1
Gasoline blending stocks: Alkylates	GAK	33	I	A/C	A	Yes	1
Gasoline blending stocks: Reformates	GRF	33	I	A/C	A	Yes	1
Gasolines: Automotive (containing not over 4.23 grams lead per gallon)	GAT	33	I	C	A	Yes	1
Gasolines: Aviation (containing not over 4.86 grams of lead per gallon)	GAV	33	I	C	A	Yes	1
Gasolines: Casinghead (natural)	GCS	33	I	A/C	A	Yes	1
Gasolines: Polymer	GPL	33	I	A/C	A	Yes	1
Gasolines: Straight run	GSR	33	I	A/C	A	Yes	1
Heptane (all isomers), see Alkanes (C6-C9) (all isomers)	HMX	31	C	C	A	Yes	1
Heptanoic acid	HEP	4	D	E	A	Yes	1
Heptanol (all isomers)	HTX	20	C	D/E	A	Yes	1
Heptyl acetate	HPE	34	B	E	A	Yes	1
Hexane (all isomers), see Alkanes (C6-C9)	HXS	31 <sup>2</sup>	C	B/C	A	Yes	1
Hexanoic acid	HXO	4	D	E	A	Yes	1
Hexanol	HXN	20	D	D	A	Yes	1
Hexylene glycol	HXG	20	III	E	A	Yes	1
Isophorone	IPH	18 <sup>2</sup>	D	E	A	Yes	1
Jet fuel: JP-4	JPF	33	I	E	A	Yes	1
Jet fuel: JP-5 (kerosene, heavy)	JPV	33	I	D	A	Yes	1
Kerosene	KRS	33	I	D	A	Yes	1
Methyl acetate	MTT	34	III	D	A	Yes	1
Methyl alcohol	MAL	20 <sup>2</sup>	D	C	A	Yes	1
Methylamyl acetate	MAC	34	C	D	A	Yes	1
Methylamyl alcohol	MAA	20	C	D	A	Yes	1
Methylamyl ketone	MAK	18	D	D	A	Yes	1
Methyl tert-butyl ether	MBE	41 <sup>2</sup>	D	C	A	Yes	1
Methyl butyl ketone	MBK	18	D	C	A	Yes	1
Methyl butyrate	MBU	34	C	C	A	Yes	1
Methyl ethyl ketone	MEK	18 <sup>2</sup>	III	C	A	Yes	1
Methyl heptyl ketone	MHK	18	B	D	A	Yes	1
Methyl isobutyl ketone	MIK	18 <sup>2</sup>	D	C	A	Yes	1
Methyl naphthalene (molten)	MNA	32	A	E	A	Yes	1
Mineral spirits	MNS	33	I	D	A	Yes	1
Myrcene	MRE	30	D	D	A	Yes	1
Naphtha: Heavy	NAG	33	@I	#	A	Yes	1
Naphtha: Petroleum	PTN	33	I	#	A	Yes	1
Naphtha: Solvent	NSV	33	@I	D	A	Yes	1
Naphtha: Stoddard solvent	NSS	33	@I	D	A	Yes	1
Naphtha: Varnish makers and painters (75%)	NVM	33	@I	C	A	Yes	1
Nonane (all isomers), see Alkanes (C6-C9)	NAX	31	C	D	A	Yes	1
Nonyl alcohol (all isomers)	NNS	20 <sup>2</sup>	C	E	A	Yes	1



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Cargo Identification					Conditions of Carriage		
Name	Chem Code	Compat Group No	IMO Pollution Category	Grade	Tank Group	Vapor Recovery App'd (Y or N)	VCS Category
Nonyl phenol	NNP	21	A	E	A	Yes	1
Nonyl phenol poly(4+)ethoxylates	NPE	40	B	E	A	Yes	1
Octane (all isomers), see Alkanes (C6-C9)	OAX	31	C	C	A	Yes	1
Octanoic acid (all isomers)	OAY	4	D	E	A	Yes	1
Octanol (all isomers)	OAX	20 <sup>2</sup>	C	E	A	Yes	1
Oil, fuel: No. 2	OTW	33		D/E	A	Yes	1
Oil, fuel: No. 2-D	OTD	33		D	A	Yes	1
Oil, fuel: No. 4	OFR	33		D/E	A	Yes	1
Oil, fuel: No. 5	OFV	33		D/E	A	Yes	1
Oil, fuel: No. 6	OSX	33		E	A	Yes	1
Oil, misc: Crude	OIL	33		C/D	A	Yes	1
Oil, misc: Diesel	ODS	33		D/E	A	Yes	1
Oil, misc: Lubricating	OLB	33		E	A	Yes	1
Oil, misc: Residual	ORL	33		E	A	Yes	1
Oil, misc: Turbine	OTB	33		E	A	Yes	1
alpha-Pinene	PIO	30	A	D	A	Yes	1
beta-Pinene	PIP	30	B	D	A	Yes	1
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether	PAG	40	D	E	A	Yes	1
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether acetate	PAF	34	D	E	A	Yes	1
Polybutene	PLB	30	III	E	A	Yes	1
Polypropylene glycol	PGC	40	D	E	A	Yes	1
iso-Propyl acetate	IAC	34	III	C	A	Yes	1
n-Propyl acetate	PAT	34	D	C	A	Yes	1
iso-Propyl alcohol	IPA	20 <sup>2</sup>	III	C	A	Yes	1
n-Propyl alcohol	PAL	20 <sup>2</sup>	III	C	A	Yes	1
Propylbenzene (all isomers)	PBY	32	A	D	A	Yes	1
Iso-Propylcyclohexane	IPX	31	C	D	A	Yes	1
Propylene glycol	PPG	20 <sup>2</sup>	III	E	A	Yes	1
Propylene glycol methyl ether acetate	PGN	34	D	D	A	Yes	1
Propylene tetramer	PTT	30		D	A	Yes	1
Sulfolane	SFL	39	D	E	A	Yes	1
Tetrahydronaphthalene	THN	32	C	E	A	Yes	1
Toluene	TOL	32	C	C	A	Yes	1
Tricresyl phosphate (less than 1% of the ortho isomer)	TCP	34	A	E	A	Yes	1
Triethylbenzene	TEB	32	A	E	A	Yes	1
Trimethylbenzene (all isomers)	TRE	32	A	{D}	A	Yes	1
Trixylenyl phosphate	TRP	34	A	E	A	Yes	1
Undecene	UDC	30	B	D/E	A	Yes	1
1-Undecyl alcohol	UND	20	B	E	A	Yes	1
Xylenes (ortho-, meta-, para-)	XLX	32	C	D	A	Yes	1



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## Cargo Authority Attachment

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

**Cargo Identification**

Name	The proper shipping name as listed in 46 CFR Table 30.25-1, 46 CFR Table 151.05, and 46 CFR Part 153 Table 2.
Chem Code	The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual. Certain mixtures of cargoes may not have a CHRIS Code assigned.
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.
Note 1	Because of the very high reactivity or unusual conditions of carriage or potential compatibility problems, this product is not assigned to a specific group in the Compatibility Chart. For additional compatibility information, contact Commandant (G-MSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001. Telephone (202) 267-1217.
Note 2	See Appendix I to 46 CFR Part 150 - exceptions to the compatibility chart.
Subchapter	The subchapter in Title 46 Code of Federal Regulations under which the cargo has been classified.
Subchapter D	Those flammable and combustible liquids listed in 46 CFR Table 30.25-1.
Subchapter O	Those hazardous cargoes listed in 46 CFR Table 151.05 and 46 CFR Part 153 Table 2.
Note 3	Those cargoes listed in 46 CFR Part 153 Table 2 are non-regulated cargoes when carried in bulk on non-oceangoing barges.
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.
Note 4	The flammability/combustibility grade of these cargoes may vary depending upon the flashpoint and Reid vapor pressure. 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.
NA	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).
NA	Not applicable to barges certificated under Subchapter D.

**Conditions of Carriage**

Tank Group	The vessel's tank group (as defined under the "46 CFR Tank Group Characteristics" listed on page 1) which is authorized for carriage of the named cargo.
Vapor Recovery Approved (Y or N)	Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo. No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo.
VCS Category:	The specified cargo's provisional classification for vapor control systems.
Category 1	(No additional VCS requirements above those for benzene, gasolines and crude oil) All requirements applying to the handling of oil and hazardous materials in Titles 33 and 46 Code of Federal Regulations (CFR) apply to these cargoes. Those specifically dealing with vapor control systems are in 33 CFR 155.750, 33 CFR 156.120, 33 CFR 156.170, 46 CFR 35.35 and 46 CFR 39. The cargo tank venting system calculations (46 CFR 39.20-11) and the pressure drop calculations (46 CFR 39.30-1(b)) must use appropriate friction factors, vapor densities and vapor growth rates.
Category 2	(Polymerizes) Polymerization and residue build-up of these cargoes can adversely affect the vessel by fouling safety components and restricting vapor flow which could lead to cargo tank overpressurization. The vessel's owner must develop a method of ensuring all VCS safety components are functional and polymer build-up is not causing an unsafe condition due to increased pressure in the vapor control piping and cargo tanks. The method shall be acceptable to the local Officer in Charge, Marine Inspection. This is in addition to the requirements of Category 1. Please note that a material not normally considered a monomer can be a problem in detonation arrester.
Category 3	(Highly toxic) VCSs for these toxic cargoes cannot use a spill valve or rupture disk as the primary means to meet the overfill protection requirement of 46 CFR 39.20-9. This requirement is in addition to the requirements of Category 1.
Category 4	(Polymerizes and highly toxic) Must comply with requirements of Categories 1, 2 and 3.
Category 5	(High vapor pressure) VCS pressure drop calculations for cargoes with a vapor pressure greater than 14.7 psia at 115 F must take into account increased vapor-air mixture densities and vapor growth rates as compared to Category 1 cargoes. Consult the Marine Safety Center's VCS Guidelines for further information. This requirement is in addition to the requirements of Category 1.
Category 6	(High vapor pressure and highly toxic) Must comply with requirements of Categories 1, 3 and 5.
Category 7	(High vapor pressure and polymerizes) Must comply with requirements of Categories 1, 2 and 5.
none	The cargo has not been evaluated/classified for use in vapor control systems.