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

Certification Date:	02 Apr 2020
Expiration Date:	02 Apr 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
FMT 3011	1097689			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
NEW ORLEANS, LA UNITED STATES	Steel		Unknown

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
MADISONVILLE, LA UNITED STATES	31May2000	20Mar2000	R-1619 I-	R-1619 I-		R-297.5 I-0

Owner
FLORIDA MARINE LLC
2360 Fifth Street
Mandeville, LA 70471
UNITED STATES

Operator
FLORIDA MARINE LLC
2360 Fifth Street
Mandeville, LA 70471
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---

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 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

Date	Zone	A/P/R	Signature

This certificate issued by:
M.N. COCHRAN COMMANDER, by direction
Officer in Charge, Marine Inspection
Sector New Orleans
Inspection Zone

OMB No. 2115-0517

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

Certification Date:	02 Apr 2020
Expiration Date:	02 Apr 2025

Certificate of Inspection

Vessel Name: FMT 3011

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	09Feb2025	09Feb2015	27Aug2010
Internal Structure	28Feb2025	02Apr2020	09Feb2015

--- 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
33094	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	850	13.500
2 P/S	873	13.500
3 P/S	852	13.500

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	3902	9ft 6in	13.5	RIVERS; LAKES, BAYS AND SOUNDS
III	4906	11ft 6in	13.5	RIVERS; LAKES, BAYS AND SOUNDS

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial #VN00008245, dated 31MAY00, may be carried, and then only in the tanks indicated.

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 met.

Per 46 CFR 150.130, the Person in Charge (PIC) 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 in conjunction with the compatibility group numbers from the "COMPAT GRP" column listed in the vessel's CAA.

Vapor Control Authorization

This vessel's vapor control system has been inspected to the plans approved by the Marine Safety Center letter serial #C2-9905612 dated 23NOV99, 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" or "T" in the CAA.

The letter "V" in the note column of the CAA signifies approval for vapor control without any additional requirements.

The letter "T" in the note column of the CAA signifies that the cargo is highly toxic and that spill valves or rupture discs are not authorized as the primary means of overfill protection required by 46 CFR 39.20-9. A high level and overfill alarm is required by 46 CFR 39.20-7.

Stability and 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.

The maximum density of cargo which may be filled to the tank top is 13.5 lbs/gal.

--- Inspection Status ---

Cargo Tanks

	Internal Exam			External Exam		
Tank Id	Previous	Last	Next	Previous	Last	Next
1 P/S	27Aug2010	09Feb2015	09Feb2025	-	-	-
2 P/S	27Aug2010	09Feb2015	09Feb2025	-	-	-
3 P/S	27Aug2010	09Feb2015	09Feb2025	-	-	-

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

---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
2	B-II

END

Department of Homeland Security
United States Coast Guard

Serial #: VN00008245
COI Ref: 31-May-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: FMT 3011
Official #: D1097689

Shipyard: TRINITY MARINE SHIP
Hull #: 2080-3

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat Group No	Compat Exc	Compat Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
Authorized Subchapter O Cargoes							
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III		50.73, 56-1(a), (b), (c)
Adiponitrile	ADN	37	N	E	II	V	No
Aminoethylethanolamine	AEE	8	N	E	III		55-1(b)
Anthracene oil (Coal tar fraction)	AHO	33	N		II		No
Alkyl(C7-C9) nitrates	AKN	34	Y		III		50-81, 50-85
Ammonium hydroxide (28% or less NH3)	AMH	6	N		III		56-1(a), (b), (c), (f), (g)
Acetonitrile	ATN	37	N	C	III	T	No
Butyraldehyde (all isomers)	BAE	19	N	C	III	V	55-1(h)
Benzene	BNZ	32	N	C	III	V	50.60
Benzene, Toluene, Xylene mixtures (having 10% Benzeneor more)	BTX	32	N	B/C	III	V	50.60
Carbon tetrachloride	CBT	36	N		III		No
Cyclohexanone	CCH	18	N	D	III	V	56-1(a), (b)
Creosote (all isomers)	CCW	21	Y	E	III	V	No
Cyclohexylamine	CHA	7	N	D	III	V	56-1(a), (b), (c), (g)
Crude hydrocarbon feedstock (containing Butyraldehydesand Ethylpropyl acrolein)	CHG	0	N	C	III		No
Camphor oil (light)	CPO	18	N	D	II		No
Chlorobenzene	CRB	36	N	D	III	V	No
Cresols (all isomers)	CRS	21	N	E	III	V	No
Cresylic acid tar	CRX	21	N		III	V	55-1(f)
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N	D	III	V	50-80, 56-1(b)
Cresylate spent caustic	CSC	5	N		III		50.73, 55-1(b)
N,N-Dimethylacetamide	DAC	10	N	E	III	T	56-1(b)
2,4-Dichlorophenoxyacetic acid, dimethylamine saltsolution	DAD	0	Y		III		55-1(a), (b), (c), (g)
Diisobutylamine	DBU	7	N	D	III	T	55-1(c)
Dichlorobenzenes (all isomers)	DBX	36	N	E	III	T	56-1(a), (b)
1,1-Dichloroethane	DCH	36	N	C	III	V	No
Dichloromethane	DCM	36	N	NF	III		No
2,4-Dichlorophenoxyacetic acid, dimethylamine saltsolution (70% or less)	DDA	0	Y	NF	III		55-1(b)
2,4-Dichlorophenoxyacetic acid, diethanolamine saltsolution	DDE	43	N		III		55-1(a), (b), (c), (g)
Diethanolamine	DEA	8	N	E	III	V	55-1(c)
2,2'-Dichloroethyl ether	DEE	41	N	D	II	V	55-1(f)
Diethylamine	DEN	7	N	C	III	T	55-1(c)
Diethylenetriamine	DET	7	Y	E	III	V	55-1(c)
Diisopropylamine	DIA	7	N	C	II	T	55-1(c)
Diisopropanolamine	DIP	8	N	E	III	V	55-1(c)
Dimethylethanolamine	DMB	8	N	D	III	V	56-1(b), (c)
Dimethylformamide	DMF	10	N	D	III	V	55-1(e)
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II	V	No
Di-n-propylamine	DNA	7	N	C	II		55-1(c)
Dodecyldimethylamine, Tetradecyldimethylamine mixture	DOT	7	N	E	III		56-1(b)
1,1-Dichloropropane	DPB	36	N	C	III	T	No
1,3-Dichloropropane	DPC	36	N	C	III	T	No
1,2-Dichloropropane	DPP	36	N	C	III	T	No
2,4-Dichlorophenoxyacetic acid, triisopropanolaminesalt solution	DTI	43	Y		III		55-1(a), (b), (c), (g)
Ethylamine solution (72% or less)	EAN	7	N	A	II	T	55-1(b)
N-Ethylbutylamine	EBA	7	N	C	III	T	55-1(b)
N-Ethylcyclohexylamine	ECC	7	N	D	III	V	55-1(b)
Ethylenediamine	EDA	7	Y	D	III	V	55-1(c)

Department of Homeland Security
United States Coast Guard

Serial #: VN00008245
COI Ref: 31-May-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: FMT 3011
Official #: D1097689

Shipyard: TRINITY MARI
Hull #: 2080-3

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat Group No	Compat Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
Ethylene dichloride	EDC	36	Y	C	III	V	No
Ethylene glycol monoalkyl ethers	EGC	40	N	D/E	III	V	No
Ethylene glycol hexyl ether	EGH	40	N	E	III		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
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	V	No
Hydrocarbon 5-9	HFN	30	N	A	III	V	50-70(a), 50-81(a), (b)
Hexamethylenediamine solution	HMC	7	N	E	III	V	55-1(c)
Hexamethyleneimine	HMI	7	N	C	II	V	56-1(b), (c)
Isoprene, Pentadiene mixture	IPN	30	N	A	III		50-70(a), 55-1(c)
Iso-Propylamine	IPP	7	N	A	II	V	55-1(c)
Kraft pulping liquors (free alkali content 3% or more)	KPL	5	N		III		50-73, 56-1(a), (c), (g)
Methylcyclopentadiene dimer	MCK	30	N	C	III	V	No
Methyl diethanolamine	MDE	8	N	E	III	V	56-1(b), (c)
Ethanolamine	MEA	8	N	E	III	V	55-1(c)
2-Methyl-5-ethylpyridine	MEP	9	N	E	III	V	55-1(c)
Iso-Propanolamine	MPA	8	N	E	III	V	55-1(c)
Morpholine	MPL	7	Y	D	III	V	55-1(c)
2-Methylpyridine	MPR	9	N	D	III	T	55-1(c)
Mesityl oxide	MSO	18	Y	D	III	V	No
Coal tar naphtha solvent	NCT	33	N	D	III	V	50-73
1- or 2-Nitropropane	NPM	42	N	D	III	V	50-81
Propanolamine (iso-, n-)	PAX	8	N	E	III	V	56-1(b), (c)
Polyethylene polyamines	PEB	7	Y	E	III	V	55-1(c)
Perchloroethylene	PER	36	N	NF	III		No
Pyridine	PRD	9	N	C	III	V	55-1(c)
Sodium aluminate solution (45% or less)	SAU	5	N		III		50-73, 56-1(a), (b), (c)
Sodium chlorate solution (50% or less)	SDD	0	Y	NF	III		50-73
Sodium hypochlorite solution (20% or less)	SHQ	5	N	NF	III		50-73, 56-1(a), (b)
Sodium sulfide, hydrosulfide solution (H2S 15 ppm or less)	SSH	0	Y		III		50-73, 55-1(b)
Sodium sulfide, hydrosulfide solution (H2S greater than15 ppm but less than 200 ppm)	SSI	0	Y		III		50-73, 55-1(b)
Sodium sulfide, hydrosulfide solution (H2S greater than200 ppm)	SSJ	0	Y		II		50-73, 55-1(b)
1,2,4-Trichlorobenzene	TCB	36	N	E	III	V	No
Trichloroethylene	TCL	36	Y		III	V	No
1,1,2-Trichloroethane	TCM	36	N		III	V	50-73, 56-1(a)
1,2,3-Trichloropropane	TCN	36	N	E	II	T	50-73, 56-1(a)
Triethanolamine	TEA	8	Y	E	III	V	55-1(b)
Triethylamine	TEN	7	N	C	II	T	55-1(c)
Triethylenetetramine	TET	7	Y	E	III	V	55-1(b)
Tetrahydrofuran	THF	41	N	C	III	V	50-70(b)
Triphenylborane (10% or less), caustic soda solution	TPB	5	N		III		56-1(a), (b), (c)
Tetraethylenepentamine	TTP	7	N	E	III	V	55-1(c)
Urea, Ammonium nitrate solution (containing more than2% Ammonia)	UAS	6	N		III		56-1(b)
Vanillin black liquor (free alkali content 3% or more)	VBL	5	N		III		50-73, 56-1(a), (c), (g)

Department of Homeland Security
United States Coast Guard

Serial #:	VN00008245
COI Ref:	31-May-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **FMT 3011**
Official #: D1097689

Shipyard: TRINITY MARI
Hull #: 2080-3

Cargo Identification						Conditions of Carriage	
		Compat					
Name	Chem Code	Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Matls of Construction

Explanation of terms & symbols used in the Table:

Cargo Identificatio

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

Compatability 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 Carriag

Note — See Certificate of Inspection for explaination of symbols used in this column

Serial #:
COI Ref:

Department of Homeland Security
United States Coast Guard

Certificate of Inspection

Cargo Authority Attachment

Serial # VNC000824
COI Ref: 31-May-0

Vessel Name: FMT 3011
Official #: D1097689

List of Authorized Cargoes

Shipyard: TRINITY MARINE SHIP
Hull #: 2080-3

Cargo Identification							Conditions of Carriage	
Name	Chem Code	Compat Group No	Compat Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Matls of Construction	
Authorized Subchapter O Cargoes								
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III		50-73, 56-1(a), (b), (c)	
Adiponitrile	ADN	37	N	E	II	V	No	
Aminoethylethanolamine	AEE	8	N	E	III		55-1(b)	
Anthracene oil (Coal tar fraction)	AHO	33	N		II		No	
Alkyl(C7-C9) nitrates	AKN	34	Y		III		50-81, 50-88	
Ammonium hydroxide (28% or less NH3)	AMH	8	N		III		56-1(a), (b), (c), (f), (g)	
Acetonitrile	ATN	37	N	C	III	T	No	
Butyraldehyde (all isomers)	BAE	19	N	C	III	V	55-1(b)	
Benzene	BNZ	32	N	C	III	V	50-60	
Benzene, Toluene, Xylene mixtures (having 10% Benzeneor more)	BTX	32	N	B/C	III	V	50-63	
Carbon tetrachloride	CBT	36	N		III		No	
Cyclohexanone	CCH	18	N	D	III	V	56-1(a), (b)	
Creosote (all isomers)	CCW	21	Y	E	III	V	No	
Cyclohexylamine	CHA	7	N	D	III	V	56-1(a), (b), (c), (g)	
Crude hydrocarbon feedstock (containing Butyraldehydesand Ethylpropyl acrolein)	CHG	0	N	C	III		No	
Camphor oil (light)	CPO	18	N	D	II		No	
Chlorobenzene	CRB	36	N	D	III	V	No	
Cresols (all isomers)	CRS	21	N	E	III	V	No	
Cresylic acid tar	CRX	21	N		III	V	55-1(f)	
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N	D	III	V	50-60, 56-1(b)	
Cresylate spent caustic	CSC	5	N		III		50-73, 55-1(b)	
N,N-Dimethylacetamide	DAC	10	N	E	III	T	56-1(b)	
2,4-Dichlorophenoxyacetic acid, dimethylamine saltsolution	DAD	0	Y		III		56-1(a), (b), (c), (g)	
Diisobutylamine	DBU	7	N	D	III	T	55-1(c)	
Dichlorobenzenes (all isomers)	DBX	36	N	E	III	T	56-1(a), (b)	
1,1-Dichloroethane	DCH	36	N	C	III	V	No	
Dichloromethane	DCM	36	N	NF	III		No	
2,4-Dichlorophenoxyacetic acid, dimethylamine saltsolution (70% or less)	DDA	0	Y	NF	III		55-1(b)	
2,4-Dichlorophenoxyacetic acid, diethanolamine saltsolution	DDE	43	N		III		56-1(a), (b), (c), (g)	
Diethanolamine	DEA	8	N	E	III	V	55-1(c)	
2,2'-Dichlorodiethyl ether	DEE	41	N	D	II	V	55-1(f)	
Diethylamine	DEN	7	N	C	III	T	55-1(c)	
Diethylenetriamine	DET	7	Y	E	III	V	55-1(c)	
Diisopropylamine	DIA	7	N	C	II	T	55-1(c)	
Diisopropanolamine	DIP	8	N	E	III	V	55-1(b)	
Dimethylethanolamine	DMB	8	N	D	III	V	55-1(b), (c)	
Dimethylformamide	DMF	10	N	D	III	V	55-1(e)	
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II	V	No	
n-propylamine	DNA	7	N	C	II		55-1(b)	
Dodecyldimethylamine, Tetradecyldimethylamine mixture	DOT	7	N	E	III		56-1(b)	
Dichloropropane	DPB	36	N	C	III	T	No	
Dichloropropane	DPC	36	N	C	III	T	No	
Dichlorophenoxyacetic acid, triisopropanolaminesalt solution	DPP	36	N	C	III	T	No	
amine solution (72% or less)	DTI	43	Y		III		56-1(a), (b), (c), (g)	
dibutylamine	EAN	7	N	A	II	T	55-1(b)	
dicyclohexylamine	EBA	7	N	C	III	T	55-1(b)	
diamine	ECC	7	N	D	III	V	55-1(c)	
	EDA	7	Y	D	III	V		

*** This document is only valid when attached to, and referenced by a current, valid Certi

tion. ***

Department of Homeland Security
United States Coast Guard

Serial #: VN00008245
COI Ref: 31-May-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: FMT 3011
Official #: D1097689

Shipyard: TRINITY MARINE SHIP
Hull #: 2080-3

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
		Compat					
Name	Chem Code	Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Matls of Construction
Authorized Subchapter O Cargoes							
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III		50-73, 56-1(a), (b), (c)
Adiponitrile	ADN	37	N	E	II	V	No
Aminoethylethanolamine	AEE	8	N	E	III		55-1(b)
Anthracene oil (Coal tar fraction)	AHO	33	N		II		No
Alkyl(C7-C9) nitrates	AKN	34	Y		III		50-81, 56-56
Ammonium hydroxide (28% or less NH3)	AMH	6	N		III		56-1(a), (b), (c), (i), (j)
Acetonitrile	ATN	37	N	C	III	T	No
Butyraldehyde (all isomers)	BAE	19	N	C	III	V	55-1(h)
Benzene	BNZ	32	N	C	III	V	50-60
Benzene, Toluene, Xylene mixtures (having 10% Benzeneor more)	BTX	32	N	B/C	III	V	50-60
Carbon tetrachloride	CBT	36	N		III		No
Cyclohexanone	CCH	18	N	D	III	V	56-1(a), (b)
Creosote (all isomers)	CCW	21	Y	E	III	V	No
Cyclohexylamine	CHA	7	N	D	III	V	56-1(a), (b), (c), (g)
Crude hydrocarbon feedstock (containing Butyraldehydesand Ethylpropyl acrolein)	CHG	0	N	C	III		No
Camphor oil (light)	CPO	18	N	D	II		No
Chlorobenzene	CRB	36	N	D	III	V	No
Cresols (all isomers)	CRS	21	N	E	III	V	No
Cresylic acid tar	CRX	21	N		III	V	55-1(f)
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N	D	III	V	50-60, 56-1(b)
Cresylate spent caustic	CSC	5	N		III		50-73, 56-1(b)
N,N-Dimethylacetamide	DAC	10	N	E	III	T	56-1(b)
2,4-Dichlorophenoxyacetic acid, dimethylamine saltsolution	DAD	0	Y		III		56-1(a), (b), (c), (g)
Diisobutylamine	DBU	7	N	D	III	T	55-1(c)
Dichlorobenzenes (all isomers)	DBX	36	N	E	III	T	56-1(a), (b)
1,1-Dichloroethane	DCH	36	N	C	III	V	No
Dichloromethane	DCM	36	N	NF	III		No
2,4-Dichlorophenoxyacetic acid, dimethylamine saltsolution (70% or less)	DDA	0	Y	NF	III		55-1(b)
2,4-Dichlorophenoxyacetic acid, diethanolamine saltsolution	DDE	43	N		III		56-1(a), (b), (c), (g)
Diethanolamine	DEA	8	N	E	III	V	55-1(c)
2,2'-Dichloroethyl ether	DEE	41	N	D	II	V	56-1(l)
Diethylamine	DEN	7	N	C	III	T	55-1(c)
Diethylenetriamine	DET	7	Y	E	III	V	55-1(c)
Diisopropylamine	DIA	7	N	C	II	T	55-1(c)
Diisopropanolamine	DIP	8	N	E	III	V	55-1(c)
Dimethylethanolamine	DMB	8	N	D	III	V	56-1(b), (c)
Dimethylformamide	DMF	10	N	D	III	V	55-1(e)
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II	V	No
Di-n-propylamine	DNA	7	N	C	II		55-1(c)
Dodecyldimethylamine, Tetradecyldimethylamine mixture	DOT	7	N	E	III		56-1(b)
1,1-Dichloropropane	DPB	36	N	C	III	T	No
1,3-Dichloropropane	DPC	36	N	C	III	T	No
1,2-Dichloropropane	DPP	36	N	C	III	T	No
2,4-Dichlorophenoxyacetic acid, triisopropanolaminesalt solution	DTI	43	Y		III		56-1(a), (b), (c), (g)
Ethylamine solution (72% or less)	EAN	7	N	A	II	T	55-1(b)
N-Ethylbutylamine	EBA	7	N	C	III	T	55-1(b)
N-Ethylcyclohexylamine	ECC	7	N	D	III	V	55-1(b)
Ethylenediamine	EDA	7	Y	D	III	V	55-1(c)

Department of Homeland Security
United States Coast Guard

Serial #: VN00008245
COI Ref: 31-May-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: FMT 3011
Official #: D1097689

Shipyard: TRINITY MARI
Hull #: 2080-3

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat Group No	Compat Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
Ethylene dichloride	EDC	36	Y	C	III	V	No
Ethylene glycol monoalkyl ethers	EGC	40	N	D/E	III	V	No
Ethylene glycol hexyl ether	EGH	40	N	E	III		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
Furfural	FFA	19	N	E	III	V	55-1(h)
Formaldehyde solution (37% to 50%)	FMS	19	Y	D/E	III	V	55-1(b)
Glutaraldehyde solution (50% or less)	GTA	19	N	NF	III	V	No
Hydrocarbon 5-9	HFN	30	N	A	III	V	50-70(a), 50-81(a), (b)
Hexamethylenediamine solution	HMC	7	N	E	III	V	55-1(c)
Hexamethyleneimine	HMI	7	N	C	II	V	56-1(b), (c)
Isoprene, Pentadiene mixture	IPN	30	N	A	III		50-70(a), 55-1(c)
iso-Propylamine	IPP	7	N	A	II	V	55-1(c)
Kraft pulping liquors (free alkali content 3% or more)	KPL	5	N		III		50-73, 56-1(a), (c), (g)
Methylcyclopentadiene dimer	MCK	30	N	C	III	V	No
Methyl diethanolamine	MDE	8	N	E	III	V	56-1(b), (c)
Ethanolamine	MEA	8	N	E	III	V	55-1(c)
2-Methyl-5-ethylpyridine	MEP	9	N	E	III	V	55-1(c)
iso-Propanolamine	MPA	8	N	E	III	V	55-1(c)
Morpholine	MPL	7	Y	D	III	V	55-1(c)
2-Methylpyridine	MPR	9	N	D	III	T	55-1(c)
Mesityl oxide	MSO	18	Y	D	III	V	No
Coal tar naphtha solvent	NCT	33	N	D	III	V	50-73
1- or 2-Nitropropane	NPM	42	N	D	III	V	50-81
Propanolamine (iso-, n-)	PAX	8	N	E	III	V	56-1(b), (c)
Polyethylene polyamines	PEB	7	Y	E	III	V	55-1(c)
Perchloroethylene	PER	36	N	NF	III		No
Pyridine	PRD	9	N	C	III	V	55-1(e)
Sodium aluminate solution (45% or less)	SAU	5	N		III		50-73, 56-1(a), (b), (c)
Sodium chlorate solution (50% or less)	SDD	0	Y	NF	III		50-73
Sodium hypochlorite solution (20% or less)	SHQ	5	N	NF	III		50-73, 56-1(a), (b)
Sodium sulfide, hydrosulfide solution (H2S 15 ppm orless)	SSH	0	Y		III		50-73, 55-1(b)
Sodium sulfide, hydrosulfide solution (H2S greater than15 ppm but less than 200 ppm)	SSI	0	Y		III		50-73, 55-1(b)
Sodium sulfide, hydrosulfide solution (H2S greater than200 ppm)	SSJ	0	Y		II		50-73, 55-1(b)
1,2,4-Trichlorobenzene	TCB	36	N	E	III	V	No
Trichloroethylene	TCL	36	Y		III	V	No
1,1,2-Trichloroethane	TCM	36	N		III	V	50-73, 56-1(a)
1,2,3-Trichloropropane	TCN	36	N	E	II	T	50-73, 56-1(a)
Triethanolamine	TEA	8	Y	E	III	V	55-1(b)
Triethylamine	TEN	7	N	C	II	T	55-1(e)
Triethylenetetramine	TET	7	Y	E	III	V	55-1(b)
Tetrahydrofuran	THF	41	N	C	III	V	50-70(b)
Triphenylborane (10% or less), caustic soda solution	TPB	5	N		III		56-1(a), (b), (c)
Tetraethylenepentamine	TTP	7	N	E	III	V	55-1(c)
Urea, Ammonium nitrate solution (containing more than2% Ammonia)	UAS	6	N		III		56-1(b)
Vanillin black liquor (free alkali content 3% or more)	VBL	5	N		III		50-73, 56-1(a), (c), (g)

Department of Homeland Security
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Serial #:	VN00008245
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Certificate of Inspection

Cargo Authority Attachment

Vessel Name: FMT 3011
Official #: D1097689

Shipyard: TRINITY MARI
Hull #: 2080-3

Cargo Identification						Conditions of Carriage	
		Compat					
Name	Chem Code	Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction

Explanation of terms & symbols used in the Table:

Cargo Identificatio

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

Compatability 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 Carriag

Note — See Certificate of Inspection for explanation of symbols used in this column