



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

Certification Date: 23 Sep 2021
Expiration Date: 23 Sep 2026

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 CBC 106		Official Number 1110705	IMO Number	Call Sign	Service Tank Barge	
Hailing Port NEW ORLEANS, LA		Hull Material Steel	Horsepower	Propulsion		
Place Built ASHLAND CITY TN		Delivery Date 10Aug2001	Keel Laid Date 20Jun2001	Gross Tons R-735	Net Tons R-735	DWT R-200.0
UNITED STATES				I-	I-	I-0
Owner CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 UNITED STATES		Operator CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 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, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

This tank barge is participating in the Eighth-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. Inspection issues concerning this barge should be directed to Sector New Orleans OCMI.

*****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 Amended Certificate Issued by: Joseph W. Morgan, CD, USCG, By Direction	
Date	Zone	A/P/R	Signature		
12 Oct 2022	CANAL BARGE	A	ELTON DECAMBRE	Sector Houston-Galveston	
17 Aug 2023	CANAL BARGE	P	J. Thompson		
				Inspection Zone	



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

Certification Date: 23 Sep 2021
Expiration Date: 23 Sep 2026

Certificate of Inspection

Vessel Name: CBC 106

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Aug2028	21Aug2023	16Aug2021
Internal Structure	31Jul2024	16Aug2021	01Jul2016

--- 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
12040	Barrels	A	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 THRU 3 CENTERLINE	271	11.600

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1507	9ft 3in	11.60	Rivers; Lakes, Bays and Sounds

Conditions Of Carriage

Only those specified cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial #VN01004825, dated August 10, 2001 and Grade "A" and lower cargoes may be carried.

Per 46 CFR 150.130, the Person in Charge of the vessel is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using 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.

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.

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.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 THRU 3 CENTERLINE	07Jun2011	16Aug2021	30Jun2031	-	-	-
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
1 THRU 3 CENTERLINE	-	-	-	-	-	

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery



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

Certification Date:	23 Sep 2021
Expiration Date:	23 Sep 2026

Certificate of Inspection

Vessel Name: CBC 106

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
2	B-II

---Certificate Amendments---

Amending Unit	Amendment Date	Amendment Remark
Sector Houston/Galveston	21Aug2023	Completed DDE. Amended ISE and DDE dates to reflect saltwater service.

END



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

Certification Date: 23 Sep 2021

Expiration Date: 23 Sep 2026

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
CBC 106	1110705			Tank Barge

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

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
ASHLAND CITY TN	10Aug2001	20Jun2001	R-735	R-735		R-200.0
UNITED STATES			-	-		10

Owner	Operator
CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 UNITED STATES	CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 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, 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 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-Ninth Coast Guard District's Tank Barge Streamlined Inspection

*****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: J. H. HART COMMANDER , by direction Officer in Charge, Marine Inspection Sector New Orleans Inspection Zone
Date	Zone	A/P/R	Signature	
12 Oct 2022	TBSIP	A	<i>John H. Hart</i>	



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
CBC 106	1110705			Tank Barge

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

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
ASHLAND CITY TN	10Aug2001	20Jun2001	R-735	R-735		R-200.0
UNITED STATES			1-	1-		10

Owner	Operator
CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 UNITED STATES	CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 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, 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 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-Ninth Coast Guard District's Tank Barge Streamlined Inspection

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: J. H. HART COMMANDER, by direction Officer in Charge, Marine Inspection Sector New Orleans Inspection Zone
Date	Zone	A/P/R	Signature	



Certificate of Inspection

Vessel Name: CBC 106

Program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with its Tank Barge Action Plan. Inspection issues concerning this barge should be directed to Sector New Orleans OCMI.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Jun2031	16Aug2021	07Jun2011
Internal Structure	31Jul2026	16Aug2021	01Jul2016

--- 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
12040	Barrels	A	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 THRU 3 CENTERLINE	271	11.600

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1507	9ft 3in	11.60	Rivers; Lakes, Bays and Sounds

Conditions Of Carriage

Only those specified cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial #VN01004825, dated August 10, 2001 and Grade "A" and lower cargoes may be carried.

Per 46 CFR 150.130, the Person in Charge of the vessel is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using 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.

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.

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.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 THRU 3 CENTERLINE	07Jun2011	16Aug2021	30Jun2031	-	-	-
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
1 THRU 3 CENTERLINE	-		-	-	-	

---Conditional Portable Fire Extinguisher Requirements---



Certificate of Inspection

Vessel Name: CBC 106

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



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 106
Official #: D1110705

Page 1 of 3

Shipyard: TRINITY MARI
Hull #: 4390

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's of Construction
		Group No	Exc				

Authorized Subchapter O Cargoes

Authorized Subchapter O Cargoes							
Name	Chem Code	Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat's of Construction
Ammonium bisulfite solution (70% or less)	SHQ						
Aminoethylethanolamine	ABX	43	Y		III		.50-73, 56-1(a), (b), (c)
Alkyl(C7-C9) nitrates	AEE	8	N	E	III		55-1(b)
Ammonium hydroxide (28% or less NH3)	AKN	34	Y		III		.50-81, 50-88
Acetonitrile	AMH	6	N		III		56-1(a), (b), (c), (f), (g)
Butyraldehyde (all isomers)	ATN	37	N	C	III		No
Butyl acrylate (all isomers)	BAE	19	N	C	III		.55-1(h)
Benzene hydrocarbon mixtures (containing Acetylenes)(having 10% Benzene or more)	BAR	14	N	D	III		.50-70(a), 50-81(a), (b)
Benzene hydrocarbon mixtures (having 10% Benzene or more)	BHA				III		.50-80, 56-1(b), (d), (f), (g)
Butyl methacrylate	BHB	32	N		III		.50-80
Benzene	BMH	14	N	D	III		.50-70(a), 50-81(a), (b)
Benzene, Toluene, Xylene mixtures (having 10% Benzene or more)	BNZ	32	N	C	III		50-80
Cyclohexanone	BTX	32	N	B/C	III		.50-80
Creosote (all isomers)	CCH	18	N	D	III		56-1(a), (b)
Cyclohexylamine	CCW	21	Y	E	III		No
Chlorobenzene	CHA	7	N	D	III		.56-1(a), (b), (c), (g)
Cresols	CRB	36	N	D	III		No
Cyclopentadiene, Styrene, Benzene mixture	CRS	21	N	E	III		No
Cresylate spent caustic	CSB	30	N	D			50-60, 56-1(b)
Cyclohexanone, Cyclohexanol mixture	CSC	5	N		III		50-73, 55-1(b)
N,N-Dimethylacetamide	CYX	18	Y		III		56-1 (b)
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution	DAC	10	N	E	III		56-1(b)
Diisobutylamine	DAD	0	Y		III		.56-1(a), (b), (c), (g)
1,1-Dichloroethane	DBU	7	N	D	III		.55-1(c)
Dichloromethane	DCH	36	N	C	III		No
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	DCM	36	N	NF	III		No
Diethanolamine	DDE	43	N		III		.56-1(a), (b), (c), (g)
Diethylamine	DEA	8	N	E	III		.55-1(c)
Diethylenetriamine	DEN	7	N	C	III		55-1(a)
Diisopropanolamine	DET	7	Y	E	III		.55-1(c)
Dimethylethanolamine	DIP	8	N	E	III		55-1(c)
Dimethylformamide	DMB	8	N	D	III		56-1(b), (c)
Dodecyl dimethylamine, Tetradecyl dimethylamine mixture	DMF	10	N	D	III		.55-1(e)
1,1-Dichloropropane	DOT	7	N	E	III		56-1(b)
1,3-Dichloropropane	DPB	36	N	C	III		No
1,2-Dichloropropane	DPC	36	N	C	III		No
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution	DPP	36	N	C	III		No
Ethyl acrylate	DTI	43	Y		III		56-1(a), (b), (c), (g)
2-Ethylhexyl acrylate	EAC	14	N	C	III		.50-70(a), 50-81(a), (b)
N-Ethylbutylamine	EAI	14	N	E	III		.50-70(a), 50-81(a), (b)
N-Ethylcyclohexylamine	EBA	7	N	C	III		.55-1(b)
Ethylenediamine	ECC	7	N	D	III		.55-1(b)
Ethylene dichloride	EDA	7	Y	D	III		55-1(c)
Ethylene glycol monoalkyl ethers	EDC	36	Y	C	III		No
Ethylene glycol hexyl ether	EGC	40	N	D/E	III		No
Ethylene glycol propyl ether	EGH	40	N	E	III		No
2-Ethyl-3-propylacrolein	EGP	40	N	E	III		No
Ethylene cyanohydrin	EPA	19	Y	E	III		No
	ETC	20	N	E	III		No



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **CBC 106**
Official #: D1110705

Page 2 of 3

Shipyard: TRINITY MARINE
Hull #: 4390

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				
Ethyl methacrylate	ETM	14	N	C	III		50-70(a)
Furfural	FFA	19	N	E	III		55-1(h)
Formaldehyde solution (37% to 50%)	FMS	19	Y	D/E	III		55-1(h)
Glutaraldehyde solution (50% or less)	GTA	19	N	NF	III		No
Hexamethylenediamine solution	HMC	7	N	E	III		55-1(c)
Isodecyl acrylate	IAI	14	N	E	III		50-70(a), 50-81(a), (b), 55-1(c)
Isoprene	IPR	30	N	A	III		50-70(a), 50-81(a), (b)
Kraft pulping liquors (free alkali content 3% or more)	KPL	5	N		III		50-73, 56-1(a), (c), (g)
Methyl acrylate	MAM	14	N	C	III		50-70(a), 50-81(a), (b)
Methylcyclopentadiene dimer	MCK	30	N	C	III		No
Methyl diethanolamine	MDE	8	N	E	III		56-1(b), (c)
Ethanolamine	MEA	8	N	E	III		55-1(c)
2-Methyl-5-ethylpyridine	MEP	9	N	E	III		55-1(e)
Methyl methacrylate	MMM	14	N	C	III		50-70(a), 50-81(a), (b)
iso-Propanolamine	MPA	8	N	E	III		55-1(c)
Morpholine	MPL	7	Y	D	III		55-1(c)
2-Methylpyridine	MPR	9	N	D	III		55-1(c)
Mesityl oxide	MSO	18	Y	D	III		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		50-81
Propanolamine (iso-, n-)	PAX	8	N	E	III		56-1(b), (c)
1,3-Pentadiene	PDE	30	N	A	III		50-70(a), 50-81
Polyethylene polyamines	PEB	7	Y	E	III		55-1(e)
Pyridine	PRD	9	N	C	III		55-1(e)
Sodium sulfide, hydrosulfide solution (H2S 15 ppm or less)	SSH	0	Y		III		50-73, 55-1(b)
Sodium sulfide, hydrosulfide solution (H2S greater than 15 ppm but less than 200 ppm)	SSI	0	Y		III		50-73, 55-1(b)
Styrene	STY	30	N	D	III		50-70(a), 50-81(a), (b)
Triethanolamine	TEA	8	Y	E	III		55-1(b)
Triethylenetetramine	TET	7	Y	E	III		55-1(b)
Tetrahydrofuran	THF	41	N	C	III		50-70(b)
Triphenylborane (10% or less), caustic soda solution	TPB	5	N		III		56-1(a), (b), (c)
Trisodium phosphate solution	TSP	5	N	NF	III		50-73, 56-1(a), (c)
Tetraethylenepentamine	TTP	7	N	E	III		55-1(c)
Urea, Ammonium nitrate solution (containing more than 2% Ammonia)	UAS	6	N		III		56-1(b)
Vinyl acetate	VAM	13	N	C	III		50-70(a), 50-81(a), (b)
Vanillin black liquor (free alkali content 3% or more)	VBL	5	N		III		50-73, 56-1(a), (c), (g)
Vinyltoluene	VNT	13	N	D	III		50-70(a), 50-81, 56-1(a), (b), (c), (g)



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 106
Official #: D1110705

Page 3 of 3

Shipyards: TRINITY MARI
Hull #: 4390

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				

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.
- Compatibilty 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