

Certification Date: 28 May 2019
Expiration Date: 28 May 2024

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	Name Official Number		mber IMO Number		Call Sign	Service	
CBC 222	10	77195				Tank	Barge
000 222							
Hailing Port		Huli Material	Horse	epower	Propulsion		
NEW ORLEANS, LA		Steel					
UNITED STATES							
Place Built		Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
GALVESTON, TX.		10Sep1999	07Jul1999	R-1088	R-1088		R-200.0
UNITED STATES							
1801 ENGINEERS ROAD BELLE CHASSE, LA 700 UNITED STATES  This vessel must be mann	037	ving licensed men, 0 HSC	BEL UNIT	d Personne	E, LA 70037 S  I. Included in w	vhich-there r	must be
0 Certified Lifeboatmen, 0	- v	0 Chief	Engineers	00	ilers		
Certified Lifeboatmen, 0     Masters	0 Licensed Mates						
	0 Licensed Mates 0 First Class Pilot	s 0 First A	Assistant Enginee	ers			
0 Masters	2,2,2,4,5,5		Assistant Enginee nd Assistant Engi				
0 Masters 0 Chief Mates	0 First Class Pilot	0 Secon		neers			
Masters     Chief Mates     Second Mates	0 First Class Pilot 0 Radio Officers	0 Secon 0 Third	nd Assistant Engi	neers			
0 Masters 0 Chief Mates 0 Second Mates 0 Third Mates 0 Master First Class Pilot 0 Mate First Class Pilots	0 First Class Pilot 0 Radio Officers 0 Able Seamen 0 Ordinary Seame 0 Deckhands	0 Secon 0 Third on 0 Licens 0 Qualif	nd Assistant Engine Assistant Engine sed Engineers fied Member Eng	neers ers neer			
0 Masters 0 Chief Mates 0 Second Mates 0 Third Mates 0 Master First Class Pilot 0 Mate First Class Pilots	0 First Class Pilot 0 Radio Officers 0 Able Seamen 0 Ordinary Seame 0 Deckhands	0 Secon 0 Third on 0 Licens 0 Qualif	nd Assistant Engine Assistant Engine sed Engineers fied Member Eng	neers ers neer	ons in addition t	o crew, and	l no Others. Tota
0 Masters 0 Chief Mates 0 Second Mates 0 Third Mates 0 Master First Class Pilot 0 Mate First Class Pilots In addition, this vessel ma	0 First Class Pilot 0 Radio Officers 0 Able Seamen 0 Ordinary Seame 0 Deckhands by carry 0 Passen	0 Secon 0 Third en 0 Licens 0 Qualit gers, 0 Other	nd Assistant Engine Assistant Engine sed Engineers fied Member Eng	neers ers neer	ons in addition t	o crew, and	d no Others. Tota
0 Masters 0 Chief Mates 0 Second Mates 0 Third Mates 0 Master First Class Pilot 0 Mate First Class Pilots In addition, this vessel material Persons allowed: 0 Route Permitted And Comments	0 First Class Pilot 0 Radio Officers 0 Able Seamen 0 Ordinary Seame 0 Deckhands ay carry 0 Passen Conditions Of Op	0 Secon 0 Third on 0 Licens 0 Qualifi gers, 0 Other	nd Assistant Engine Assistant Engine sed Engineers fied Member Eng r Persons in cr	neers ers neer ew, 0 Perso	ons in addition t	o crew, and	i no Others. Tota
0 Masters 0 Chief Mates 0 Second Mates 0 Third Mates 0 Master First Class Pilot 0 Mate First Class Pilots In addition, this vessel ma	0 First Class Pilot 0 Radio Officers 0 Able Seamen 0 Ordinary Seame 0 Deckhands ay carry 0 Passen Conditions Of Op	0 Secon 0 Third on 0 Licens 0 Qualifi gers, 0 Other peration:	Assistant Engine Assistant Engine Sed Engineers fied Member Engrapher Persons in cr	neers ers neer ew, 0 Perso			

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

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Large Streamlined

#### \*\*\*SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION\*\*\*

With this Inspection for Certification having been completed at Port Arthur, TX, UNITED ATES, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

	Annual/Period	ic/Re-Ins	spection	This certificate issued by:		
Date	Zone	A/P/R	Signature	J.J. ANDREW, CDR, USCG, By direction		
30 Abril 2021		P	Get fit	Officer in Charge, Marine Inspection  Marine Safe Unit Port Arthur		
14 Jul 2022 21 July 2023	TBSEF Chica	A	Ry Mac	Inspection Zone		
1 000	1100		1	augu aus as		



Certification Date: 28 May 2019 Expiration Date: 28 May 2024

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 Nun	iber	Call Sign	Service	
CBC 222	1077	195				Tank	Barge
Halling Port NEW ORLEANS, LA	- 1	Hull Material Steel	Hors.	epower	Propulsion	-	
UNITED STATES							
Place Built	De	livery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
GALVESTON, TX.	10	Sep1999	07Jul1999	R-1088	R-1088		R-200.0
UNITED STATES				+	J-		1-0
Owner CANAL BARGE COMPAI 1801 ENGINEERS ROAD BELLE CHASSE, LA 700 UNITED STATES			180° BEL	IAL BARGE 1 ENGINEEI	E, LA 70037	INC	
This vessel must be mann Certified Lifeboatmen, 0							must be
0 Masters	0 Licensed Mates	0 Chief	Engineers	0.0	ilers		
0 Chief Mates	0 First Class Pilots	0 First A	ssistant Engine	ers			
0 Second Mates	0 Radio Officers	0 Secon	0 Second Assistant Engineers				
0 Third Mates	0 Able Seamen	0 Third	Assistant Engine	eers			
0 Master First Class Pilot	0 Ordinary Seamen	0 Licens	ed Engineers				
U Master First Class Filot			ied Member Eng	Caraca			

Route Permitted And Conditions Of Operation:

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

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 per 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 notified in writing as soon as this change in status occurs.

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Large Streamlined

#### \*\*\*SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION\*\*\*

With this Inspection for Certification having been completed at Port Arthur, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

	Annual/Periodi	ic/Re-Ins	spection	This certificate issued by:
Date	Zone	A/P/R	Signature	J.J. ANDREW, CDR, USCG By direction
21 Mair 2020	TBSIP Chicup	A	app fil	Officer in Charge, Marine Inspection
30 A6: 12021		P	Com Delautre	Marine Safe w Unit Port Arthur
14 Jul 2022	TRSET Chicago	A	mand below	Inspection Zone



Certification Date: 28 May 2019 **Expiration Date:** 28 May 2024

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 222	1077195			Tank Barge
		PARTY AND THE		
Hailing Port	The Market of	The state of the s	Promideles	
NEW ORLEANS, LA	Hull Material	Horsepowe	Propulsion	
	Steel			
UNITED STATES				的 医皮肤 医骨髓 医皮肤 医皮肤 医皮肤
Place Built				
GALVESTON, TX.	Delivery Date		ross Tons Net Tons	DWT Length
CALVESTON, TA	10Sep1999	07Jul1999	-1088 R-1088	R-200.0
UNITED STATES				
Owner CANAL BARGE COMPAN	YINC	Operator CANAL	BARGE COMPANY	INC
1801 ENGINEERS ROAD			IGINEERS ROAD	
BELLE CHASSE, LA 7003	7		CHASSE, LA 70037	
UNITED STATES		UNITED	STATES	and the second
	d with the following licensed			
	Certified Tankermen, 0 HSC	31		S.
0 Masters		f Engineers	0 Oilers	
0 Chief Mates		Assistant Engineers		
0 Second Mates		ond Assistant Engineer	S	
0 Third Mates		d Assistant Engineers		
0 Master First Class Pilot		nsed Engineers	*	
0 Mate First Class Pilots		lified Member Engineer		n to crow and no Others Total
Persons allowed: 0	carry o Passengers, o Othe	er Persons in crew,	o Persons in additio	n to crew, and no Others. Total
	0.0			
Route Permitted And Co				
Lakes, Bays, and	Sounds plus Limite	d Coastwise		
Also, in fair weather or	nly, not more than twelve	e (12) miles from	n shore between St	. Marks and Carrabelle,
Florida.				
This vessel has been gra	anted a fresh water serv	ice examination	interval per 46 CF	R 31.10-21(a)(2). If this
				essel must be inspected using writing as soon as this
change in status occurs		and the cognizant	. OCMI NOLITIED IN	willing as soon as this
This tank harge is part	cipating in the Eighth	and Ninth Coast (	Suard District's T	ank From Streamlined
Into cank barge is part.	corpacing in the Eighth	and Winen Coast	suara discripc s i	and beign Streamfined
***SEE NEXT PAGE FO	R ADDITIONAL CERTIFI	CATE INFORMA	TION***	
With this Inspection for Cer	tification having been comp	leted at Port Arthur	TX, UNITED STAT	ES, the Officer in Charge, Marine
			cts, is in conformity v	with the applicable vessel inspection
	lations prescribed thereund		1	
	riodic/Re-Inspection	This	certificate issued by:	los a Carl
Date Zone	A/P/R Signati	re	J.J. ANDREW,	CDR, USCG By direction
21 May 2020 TBSIP Chi	D gip fit	Officer	n Charge, Marine Inspection	A A SERVICE AND
30 HALLOU TBSIP	Peter Della	were !	Marine Sa	few Unit Port Arthur
		Inspecti	on Zone	1
	-	1 1	11 1	

-
•
_
- 3
а.
bt
-
-
A.
w
. Ч
•
_
_



The state of the s

28 May 2019

		<i>C</i> .	Departmer United	d States of a states Coa	and Securi st Guard		Expiration		28 May 2024
	or straps or in	Cert	ificat	e of	Inst 4 as amended, re		ÍON . SAFE NAM	, HING DOCUM	ENT.
Vessel Name			Official Number		<u> </u>	Cell Sign		Service	
CBC 222	•		1077195	MO Num	Der			Tank Ba	rge
Halling Port	<del></del>	<u> </u>							
NEW ORLE	EANO LA		<del></del>						
1			Hull Material Steel	Horse	spower .	Propulei	ж.		
UNITED ST	ATES		. Oteer	•					
			4	t.e				•	
GALVESTO			Delivery Date						Length
				Keel Laid Data	Gross Tons R-1086	Net Tons R-1086		•••	R-200.0
UNITED ST	ATES		10Sep1999 (	77Jul1999	L	L.			ю
			,	•	•				
Owner CANAL TO		<del></del>	<del></del>						
CANAL BARG	GE COMPAN	NY INC		CAN	AL BARGE	COMPAN	Y INC		
OFFILE CHAC	CC   4 700	17			ENGINEE		_		
UNITED STA	TES	••			E CHASSE ED STATE		57		
Thi						_	٠,		
O Certified Life	ust be manne boatmen, 0	ed with the follow Certified Tanke	wing licensed ar rmen, 0 HSC Ty	nd unlicensed	Personnel	. Included	In which	there mu	ist be
0 Masters		0 Licensed Mater	0 Chief En			Hers			
O Chief Mates		0 First Class Pilo		istant Enginee					
0 Second Mate	3S	0 Radio Officers		Assistant Engir					
O Third Mates		0 Able Seamen	0 Third As:	sistant Enginee	rs ·				
0 Master First 6 0 Mate First Cli		0 Ordinary Seams		•					
		0 Deckhands	0 Quelified	Member Engir	ieer				
ersons allowe	d: 0	carry o Passen	gers, v Otner P	ersons in cre	w, 0 Perso	ıns in addi	tion to cr	ew, and r	no Others. Total
Route Permit	ed And Cor	ditions Of Ope	eration						
		-	s Limited C	`ossbuio					
4									
so, in fair orida.	weather onl	y, not more t	han twelve (1	2) miles f	rom shore	between	St. Marl	s and C	arrabelle,
UIIUA.									
									(2). If this inspected usin
TS MATCEL THE	eragra ber	46 CFR 31.10-	21(a)(1) and	the cogniz	ant OCMI	otified	vessel in writ	unat pe	: inspected usin oon as this
inge in stati	ua occurs.			•	_		1	\ ``	
s tank barge	e is partic	ipating in th	e Eighth and	Ninth Coas	t Guard D	istri <b>c</b> t's	Tank b	rok skr	eamlined
SEE NEXT	PAGE FOR	ADDITIONAL	. CERTIFICAT	E INFORM	ATION***		- N	1 '	• .
						- 1	**************************************	\ <u></u>	r in Charge, Marir
				el, in all res	iui, I,A, Ul Dects. is in	CONTORNAL CONTORNAL	ベルとろ, (U v with かん	office	r in Charge, Mariı İşli⊾vessel inspec
				<del></del>				- arbut	And Acopel ILISPAC
	Annua!/Perio	AIO Ke-ii ispou	iion	<u> </u>   ग	is certifica	te issued	PY	11	Lea
ate	Zone	A/P/R	Signature		٠		١.	USCO E	3y direction
are los	5 P 4 100		n au	Offi	cer in Charge, M		,		
7				<u> </u>	<u>, , , , , , , , , , , , , , , , , , , </u>		Safe y U	nit Port A	athur
		<del></del>		ina;	ection Zone		7.		11
		_ <del></del>			-	ET -			
	GC 643 (D. 10	0001 0		•	11	<b>**</b> • • • • • • • • • • • • • • • • • •	1 /	1.1	OF 117 11 21 1 0 0
.,,				* Fam 919190	71			1 ,	



Certification Date: 28 May 2019
Expiration Date: 28 May 2024

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

					galation V/14, tol a SAI	L MANNING BOCO	VILIN I.
Vessel Name	Official	Number	IMO Numb	per	Call Sign	Service	
CBC 222	1077	195				Tank Ba	arge
							go
Hailing Port	126		100				
NEW ORLEANS, LA		Hull Material	Horse	power	Propulsion		
		Steel					
UNITED STATES							
Place Built	De	livery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
GALVESTON, TX.	10	OSep1999	07Jul1999	R-1088	R-1088		R-200 0
UNITED STATES		Joep 1999	073411999	l-	l-		140
OTTITED OTTITED							
0							
Owner CANAL BARGE COMPAN	IY INC		Operato C A N		COMPANY IN	10	
1801 ENGINEERS ROAD				ENGINEER		VC .	
BELLE CHASSE, LA 7003	37				E, LA 70037		
UNITED STATES			UNIT	ED STATE	S		
This years I must be manne	ما يما الما الما الما الما الما الما الم						
This vessel must be manne 0 Certified Lifeboatmen, 0	Certified Tankerme	en, 0 HSC	Type Rating, a	and 0 GMDS	<ul><li>Included in w SS Operators.</li></ul>	hich there mu	ist be
0 Masters	0 Licensed Mates	0 Chief	Engineers	00	ilers		
0 Chief Mates	0 First Class Pilots	0 First A	Assistant Engineer	's			
0 Second Mates	0 Radio Officers	0 Secon	d Assistant Engin	eers			
0 Third Mates	0 Able Seamen	0 Third	Assistant Enginee	ers			
0 Master First Class Pilot	0 Ordinary Seamen	0 Licens	sed Engineers				
0 Mate First Class Pilots	0 Deckhands	0 Qualif	ied Member Engir	eer			

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 plus Limited Coastwise---

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 per 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 notified in writing as soon as this change in status occurs.

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Barge Streamlined

#### \*\*\*SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION\*\*\*

With this Inspection for Certification having been completed at Port Arthur, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur 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			ction	This certificate issued by:
Date	Zone	A/P/R	Signature	J.J. ANDREW, CDR, USCG, By direction
				Officer in Charge, Marine Inspection  Marine Safety Unit Port Arthur
				Inspection Zone



Certification Date: 28 May 2019 Expiration Date: 28 May 2024

### Certificate of Inspection

Vessel Name: CBC 222

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

#### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Apr2029	28May2019	03Apr2009
Internal Structure	30Apr2024	28May2019	28Apr2014

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

Authorization: FLAMMABLE/COMBUSTIBLE LIQUIDS AND SPECIFIED HAZARDOUS CARGOES

Total Capacity Units Highest Grade Type Part151 Regulated Part153 Regulated Part154 Regulated

16858 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 C/L	1017	13.60
2 P/S	465	13.60
3 C/L	930	13.60

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

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
Ш	2741	11ft 0in	13.60	Rivers; Lakes, Bays and Sounds

#### \*Conditions Of Carriage\*

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial # VN99001613, dated August 01, 2001, may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

Per 46 CFR 150.130, the person in charge of the vessel is responsible for ensuring 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 reactive group number from the "Compat Group No" column is listed in the vessel's CAA.

When the vessel is carrying cargoes containing 0.5% or greater benzene by volume, the person in charge is responsible for ensuring the provisions of 46 CFR 197, Subpart C, are applied.

#### \*Vapor Control Authorization\*

Per 46 CFR 39, excluding Part 39.40, this vessel's vapor control system (VCS) has been inspected to the plans approved by Marine Safety Center letter serial # C2-0001814, dated June 23, 2000, and found acceptable for collection of bulk liquid cargo vapors from those specific Subchapter "D" cargoes contained in the that letter, and those specified hazardous cargoes annotated a "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 disks 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\*



Certification Date: 28 May 2019
Expiration Date: 28 May 2024

### Certificate of Inspection

Vessel Name: CBC 222

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\*

	Internal Exam			External Exam					
Tank Id	Previous	Last	Next	Previous	Last	Next			
1 C/L	03Apr2009	28May2019	30Apr2029	-	-				
2 P/S	03Apr2009	28May2019	30Apr2029	2	6	4.5			
3 C/L	03Apr2009	28May2019	30Apr2029		21				
			Hydro Test						
Tank Id	Safety Valves		Previous	Last	Next				
1 C/L	Ta Table		-0-		2				
2 P/S	÷		20		V 100				
3 C/L	2				0.337				

### ---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

^

B-II

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



Serial #: VN99001613 COI Ref: 01-Aug-01

# Certificate of Inspection

### Cargo Authority Attachment

Vessel Name: CBC 222
Official #: D1077195

Page 1 of 2

Shipyard: NEWPARK SHI

Hull #: 114

#### **List of Authorized Cargoes**

Cargo Identification							onditions of Carriage
Name	Chem	Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
uthorized Subchapter O Cargoes							
Alkyl(C7-C9) nitrates	AKN	34	Υ		HI		50-81, 50-86
cetonitrile	ATN	37	N	С	Iff	Т	No
Butyraldehyde (all isomers)	BAE	19	N	С	lil	V	55-1(h)
Butyl acrylate (all isomers)	BAR	14	N	D	HI	V	50-70(a), 50-81(a), (b)
Benzene hydrocarbon mixtures (having 10% Benzene ormore)	ВНВ	32	N		III	V	50-60
Butyl methacrylate	ВМН	14	N	D	III	V	50-70(a), 50-81(a), (b)
Benzene	BNZ	32	N	С	III	V	50-60
Benzene, Toluene, Xylene mixtures (having 10% Benzeneor more)	BTX	32	N	B/C	Ш	V	50-60
Carbon tetrachloride	СВТ	36	N		111		No
reosote (all isomers)	ccw	21	Υ	E	H	V	No
crude hydrocarbon feedstock (containing Butyraldehydesand Ethylpropyl acrolein)	CHG	0	N	С	(1)		No
hlorobenzene	CRB	36	N	D	- III	V	No
hloroform	CRF	36	N	Е	III		No
resols	CRS	21	N	Е	III	V	No
yclopentadiene, Styrene, Benzene mixture	CSB	30	N	D		V	.50-60, .56-1(b)
coal tar pitch (molten)	CTP	33	N	E	III		50-73
,1-Dichloroethane	DCH	36	N	С	Ш	V	No
ichloromethane	DCM	36	N	NF	10		No
,1-Dichloropropane	DPB	36	N	С	III	T	No
,3-Dichloropropane	DPC	36	N	С	111	T	No
,2-Dichloropropane	DPP	36	N	С	III	Т	No
thyl acrylate	EAC	14	N	С	III	V	50-70(a), 50-81(a), (b)
-Ethylhexyl acrylate	EAI	14	N	Е	III	V	50-70(a), 50-81(a), (b)
thylene dichloride	EDC	36	Υ	С	III	V	No
thylene glycol monoalkyl ethers	EGC	40	N	D/E	III	V	No
thylene glycol hexyl ether	EGH	40	N	Е	JII		No
thylene glycol propyl ether	EGP	40	N	Е	III	V	No
-Ethyl-3-propylacrolein	EPA	19	Υ	Е	10	V	No
Ethylene cyanohydrin	ETC	20	N	Е	III	V	No
Ethyl methacrylate	ETM	14	N	С	III	V	50-70(a)
Ethylene dichloride, 1,1,2-Trichloroethane mixture	ETX					V	
Furfural	FFA	19	N	Е	111	V	55-1(h)
formaldehyde solution (37% to 50%)	FMS	19	Υ	D/E	III	V	55-1(h)
Glutaraldehyde solution (50% or less)	GTA	19	N	NF	111		No
lydrocarbon 5-9	HFN	30	N	Α	m	V	50-70(a), 50-81(a), (b)
soprene	IPR	30	N	Α	III		50-70(a), 50-81(a), (b)
Methyl acrylate	MAM	14	N	С	III	V	50-70(a), 50-81(a), (b)
Methylcyclopentadiene dimer	MCK	30	N	С	III	V	No
Methyl methacrylate	MMM	14	N	С	III	V	50-70(a), 50-81(a), (b)
flesityl oxide	MSO	18	Υ	D	III	V	No
Ipha-Methylstyrene	MSR	30	N	D	III		50-70(a), 50-81(a), (b)
Coal tar naphtha solvent	NCT	33	N	D	III	V	50-73
- or 2-Nitropropane	NPM	42	N	D	III	V	50-81
Phthalic anhydride (molten)	PAN	11	N	Е	III	V	No
,3-Pentadiene	PDE	30	N	Α	III		50-70(a), 150-81
erchloroethylene	PER	36	N	NF	III		No
odium chlorate solution (50% or less)	SDD	0	Υ	NF	III		50-73
tyrene (crude)	STX	30	N	С	111	V	No
Styrene		30	N	D	10	V	50-70(a), 50-81(a), (b)



#### Department of Transportation **United States Coast Guard**

Serial #: VN99001613 01-Aug-01

# Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 222 Official #: D1077195

Page 2 of 2

Shipyard: NEWPARK SHI

Hull #: 114

Cargo Identification					Conditions of Carriage		
Name	Chem Code	Group No		Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
1,2,4-Trichlorobenzene	ТСВ	36	N	Е	111	V	No
Trichloroethylene	TCL	36	Υ		Ш	V	No
1,1,2,2-Tetrachloroethane	TEC	36	N	NF	III		No
Tetrahydrofuran	THE	41	N	С	181		50-70(b)
/inyl acetate	VAM	13	N	С	III	V	50-70(a), 50-81(a), (b)

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

#### Cargo Identification

Exceptions (Exc)

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.

Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 46 CFR Part 150

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 Grade

carriage of that grade of cargo

A, B, C D, E Flammable liquid cargoes, as defined in 46 CFR 30-10 22

Combustible liquid cargoes, as defined in 46 CFR 30-10 15. Those subchapter O cargoes which are not classified as a flammable or combustible liquid. NA, NF

No flammability/combustibility grade has been assigned yet, as the necessary flash point/vapor pressure data for such assignments are presently not available.

The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.

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).

Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).

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**

Hull Type

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