

Certification Date: 10 Dec 2018 10 Dec 2023 Expiration Date:

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 Num	ber	Call Sign	Service	
CBC 7029			1208079				Tank	Barge
Hailing Port			Hull Material	Hors	epqwer	Propulsion		
NEW ORLEA	NS, LA		Steel			None		
UNITED STA	TES							
Place Built			Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
ASHLAND C	ITY, TN		13Oct1998	21Aug1998	R-1619	R-1619		R-297.5
UNITED STA	TES							
1801 ENGINE	SSE, LA 70037			180° Belle		A 70037	NC.	
This vessel m	nust be manned	d with the for	ollowing licens	ed and unlicens C Type Rating,	sed Personr	nel. Included in	n which ther	e must be
0 Masters		O Licensed M		ef Engineers		Dilers		
0 Chief Mate		0 First Class		t Assistant Engine	ers			
0 Second Ma		0 Radio Offic		ond Assistant Eng				
0 Third Mate		0 Able Seam		rd Assistant Engine				
0 Master Firs	The same of the same	0 Ordinary S		ensed Engineers				
0 Mate First	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0 Deckhands		alified Member En	gineer			
In addition, the	nis vessel may wed: 0	carry 0 Pas	ssengers, 0 Ot	her Persons in	crew, 0 Pers	sons in addition	n to crew, a	nd no Others. Total
Lakes, Also, in far Florida. This vessel	ir weather on	Sounds Ly, not mo	plus Limite	onthe in anv 1	from shore on interva	l per 46 CFR	31.10-21(a	()(2). If this
salt water : change in s	intervals per tatus occurs.	46 CFR 31	.10-21(a)(1)	and the cogni	zant OCMI	notified in	writing as	soon as this
				carrying grad				
With this Insp	pection for Cert Marine Safety U	ification ha	ving been com	pleted at Port A e vessel, in all r	Arthur, TX, L respects, is	JNITED STAT	ES, the Office with the apple	cer in Charge, Marir icable vessel
inspection la	ws and the rule Annual/Per	iodic/Re-In	spection	oed thereunder.	This Amend	ed certificate is	ssued by:	
Dete	Zone	A/P/R			A T	INAGAKIOS		. By direction
Date					Officer in Charge	1	(1000	1 -1 soladist
11-21-19	Conel Bag		Kendell W.	7 7	Juicer in Charge V	Marine Safe	ty Unit Port	Arthur
10-5-20	Caral Baga	A	Andia DO	7 .) -		Manne Sale	ny Unit Full	, and the
2. Feb-Jah	Hay Con	A	Pay Wher	1	nspection Zone			



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Vessel Name			Official Number	IMO) Number		Call Sign	Service	· · · · · · · · · · · · · · · · · · ·
CBC 7029			1208079					Tank E	Barge
000 1023			1200010						- ن
						w-W			
Hailing Port			Hull Material		Horsepo	wer	Propulsion		
NEW ORLEANS, LA			Steel				None		
			3(86)				MOHE		
UNITED STATES									
Place Built			Delivery Date	Keel Laid Date	e	Gross Tons	Net Tons	DWT	Length
ASHLAND CITY, TN			13Oct1998	21Aug19	98	R-1619	R-1619		R-297.5
UNITED STATES			100011000	2 17 lug 10	55	I-	1-		I-0
OMITED STATES									
Owner CANAL BARGE COMPAN	V INIC	•			perator CΔNΔI	BARGE	COMPANY, IN	VC	
1801 ENGINEERS RD	TINC	,				ngineers		10.	
BELLE CHASSE, LA 7003	7			E	Belle C	chasse, L	A 70037		
UNITED STATES				ι	JNITE	D STATE	:5		
This vessel must be manne	- al · · · · ·	lb 4b = £:	allowing licenses	d and unlia	oncoo	Doroons	ol Included in	which there	must he
This vessel must be manne 0 Certified Lifeboatmen, 0	ea wii Certif	เก เกe ช ied Tar	nkermen. 0 HSC	u and unic Type Rati	ing, ar	nd 0 GMD	SS Operators.	AALIICII IIIEIE	must be
0 Masters		ensed M		Engineers	٠٠, -٠٠		Dilers		
0 Chief Mates		st Class		Assistant En	gineers		-		
0 Second Mates		dio Offic		nd Assistant	-				
0 Third Mates	0 Ab	le Seam	en 0 Third	Assistant Er	ngineer	s			
0 Master First Class Pilot	0 Ore	dinary Se	eamen 0 Licen	sed Enginee	ers				
0 Mate First Class Pilots		ckhands		ified Member					
In addition, this vessel may Persons allowed: 0	y carr	y 0 Pas	ssengers, 0 Othe	er Persons	in cre	w, 0 Pers	sons in addition	to crew, and	d no Others. Total
Route Permitted And Co	nditio	ons Of	Operation:						
Lakes, Bays, and				d Coastv	vise-	-			
, •		•	-						1 h - 13
Also, in fair weather of Florida.	nly,	not mo	re than twelve	e (12) mil	es fr	om shore	between St. 1	Marks and C	Carrabelle,
This vessel has been gr	anted	a fre	sh water servi	ce examin	ation	interva	l per 46 CFR	31.10-21(a)	(2). If this
vessel is operated in salt water intervals pe	alt w	ater m	ore than 6 mon	iths in an	y 12	month pe:	riod, the ves	sel must be	e inspected using
change in status occurs		OIN DI	.13 21(0/(1/ 0	2110 00	بەرى ئەدەرى مەرىكىدىدى			J -	
Thermal fluid heater ma	y onl	y be o	perated when c	arrying q	rade	"E" carg	oes.		
***SEE NEXT PAGE FC									
With this Inspection for Ce							NITED STATE	S the Office	er in Charge Marine
With this Inspection for Ce Inspection, Marine Safety inspection laws and the rul	Unit P	ort Arth	nur certified the	vessel, in a	all res	pects, is i	n conformity w	ith the applic	cable vessel
Annual/Pe	eriodio	c/Re-In	spection		Thi	s Amende	ed certificate is	sued by:	
Date Zone		A/P/R	Signatu	ıre		AB)V	INAGAKILGS		By direction
11-21-19 Canal Bar		A	Kenderl Whi		Office	er in Charge, M	larine Inspection		-
10-5-20 Canal Bar		B	Kendall wh				Marine Safel	y Unit Port A	Arthur
2. Feb-2020 Carelbar		\mathcal{A}	gody Ble	ning	Inspe	ction Zone		N	
			l''	U	l				



Date

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

Certification Date: 10 Dec 2018 Expiration Date: 10 Dec 2023

Certificate of Inspection

Vessel Name							
CBC 7029	Official No		IMO Num	ber	Call Sign	Service	
, 525	12080	79				Tank B	Barge
Hailing Port		-					
NEW ORLEANS, LA	н	Iull Material	Horse	power	Propulsion		
UNITED STATES	S	Steel			None		
Place Built							**
ASHLAND CITY, TN	Deliv	ery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
	130	Oct1998	21Aug1998	R-1619	R-1619		R-297.5
UNITED STATES			41312	F.	1		ю
Owner CANAL BARGE COLLEGE	Salara Salar		Operato	0	- AV471		
CANAL BARGE COMPA 1801 ENGINEERS ROA	NY INC				COMPANY, I	NC.	
BELLE CHASSE, LA 700	037			ENGINEER E CHASSE	RS ROAD L LA 70037		
UNITED STATES				ED STATE	Carlotte Control of the Control of t		
This vessel must be man 0 Certified Lifeboatmen, 0	ned with the following Certified Tankermen	licensed n, 0 HSC	and unlicense Type Rating,	d Personnel and 0 GMD:	. Included in v	vhich there m	ust be
0 Masters	0 Licensed Mates	0 Chief	Engineers	00	ilers		
0 Chief Mates	0 First Class Pilots	0 First	Assistant Enginee	rs			
0 Second Mates	0 Radio Officers	0 Seco	nd Assistant Engi	neers			
0 Third Mates	0 Able Seamen	0 Third	Assistant Engine	ers			
0 Master First Class Pilot	0 Ordinary Seamen		sed Engineers				
0 Mate First Class Pilots	0 Deckhands		fied Member Engi			. Industrial and	2
In addition, this vessel ma Persons allowed: 0	y carry 0 Passengers	s, 0 Othe	r Persons in cr	ew, 0 Perso	ns in addition	to crew, and	no Others. Total
Route Permitted And C	onditions Of Operat	tion:					
Lakes, Bays, and			d Coastwis	e			
Also, in fair weather of Florida.							
This vessel has been go vessel is operated in s salt water intervals pe change in status occurs	salt water more that er 46 CFR 31.10-21 s.	an 6 mon (a)(1) a	nd the cogni	zant OCMI	notified in v	sser must be	THODECTER MOTING
Thermal fluid heater ma						Carre	ŠL.
SEE NEXT PAGE FO	OR ADDITIONAL C	ERTIFIC	CATE INFOR	MATION	UTED OTATE	S the Ortion	in Charge Marine
With this Inspection for Ce Inspection, Marine Safety	Unit Port Arthur certii	nea the v	essel, ill all le	thur, TX, UI spects, is in	conformity with	th the applica	in Charge, Marine
laws and the rules and reg	eriodic/Re-Inspection	rereunae	71.		te issued by:	de	- COP
Annual/P	enodic/Re-inspection	Cinnatu			ANDREW C	DR HECG	Dy direction

Officer in Charge, Marine Inspection

Inspection Zone

Marine Safety Unit Port Arthur



Certification Date: 10 Dec 2018 **Expiration Date:** 10 Dec 2023

Certificate of Inspection

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Vessel Name		Ot	fficial Number	IMO Num	ber	Call Sign	Service	
CBC 7029		1	208079					
OBO 7029			208079				Tank Barg	je
Hailing Port			Hull Material		11-51		7.4	
NEW ORLE	ANS, LA		Hull Material	Horse	epower	Propulsion		
			Steel			None		
UNITED STA	ATES							
Place Built							10-10-1	
ASHLAND C	CITY, TN		Delivery Date	Keel Laid Date	Gross Tons	Net Tons		Length
			13Oct1998	21Aug1998	R-1619	R-1619		R-297.5
UNITED STA	ATES				1-	-		1-0
Owner				Operato	AF.			
	GE COMPANY IN	IC				COMPANY, IN	NC.	
	EERS ROAD				ENGINEE			
	SSE, LA 70037					E, LA 70037		
UNITED STA	ATES			UNIT	ED STATE	S		
This was a law		W. (I. C. II.						LINVY SITE
0 Certified Lit	<mark>nust be manned w</mark> feboatmen, 0 Cert	ified Tanke	wing licensed	Type Rating	d Personne	el. Included in w	hich there must	be
0 Masters								
0 Masters 0 Chief Mate		censed Mate		Engineers		Dilers		
		irst Class Pile		Assistant Enginee				
0 Second Ma		adio Officers		nd Assistant Engir				
0 Third Mate		ble Seamen						
		rdinary Sean eckhands	Seamen 0 Licensed Engineers					
0 Mate First				ied Member Engi				N. T
Persons allow	nis vessel may cari wed: 0	y u Passe	rigers, o Other	Persons in cre	ew, u Perso	ons in addition to	o crew, and no C	Others, Total
Route Pern	nitted And Condit	ions Of O	peration:	1		1011		
Lakes,	Bays, and So	unds pl	us Limited	l Coastwis	e -			
Also, in far Florida.	ir weather only,	not more	than twelve	(12) miles f	rom shore	between St. M	Marks and Carra	abelle,
This wassal	has been grante	d o Europh				16.000		
vessel is or	has been grante perated in salt	water mor	e than 6 mon	ths in any 12	month pe	riod, the vess	el must be ins	spected using
salt water :	intervals per 46 tatus occurs.	CFR 31.1	0-21(a)(1) a	nd the cogniz	ant OCMI	notified in wr	riting as soon	as this
Thermal flu	id heater may on	ly be ope	rated when c	arrying grade	"E" cargo	oes.		
SEE NEX	XT PAGE FOR A	DDITION	AL CERTIFIC	ATE INFORM	ATION	4 3 3		
With this Insp	ection for Certifica	tion having	been comple	eted at Port Art	hur, TX. UI	VITED STATES	the Officer in C	Charge, Marine
Inspection, M	larine Safety Unit F	Port Arthur	certified the v	essel, in all res	pects, is in	conformity with	the applicable v	essel inspection
laws and the	rules and regulation	ns prescril	oed thereunde	r.				THE PARTY NAMED IN
	Annual/Period					te issued by:		- COP
Date	Zone	A/P/R	Signatu		J.J.	ANDREW, CD	R, USCG, By di	rection
11/21/19	TBSIP	A	工力	Off	icer in Charge, M	larine Inspection		30 Mar. 17
						Marine Safety	Unit Port Arthu	r
				Ins	pection Zone			· · · · · · · · · · · · · · · · · · ·
	100		- 4 - MI					



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Vessel Name	Official	Number	IMO Num	ner .	Call Sign		
CBC 7029	1208	2070	and Rulli		Call Sign	Service	
	1200	019				Tank Barge	
							CACO ARREST
Hailing Port				TOME IN	ा । किस गाँव हो। द्वान		
NEW ORLEANS, LA		Hull Material	Horse	power	Propulsion		
		Steel			None		A CONTRACTOR OF THE PARTY OF TH
UNITED STATES							No Carlo
				ne desirent	And SA	1. 社员的 2.500	Newspare of the
Place Built	55 - 25 S. C. S.		(3.14) (1.15) H	LINE SAW		Light To D. Alberta L.	
ASHLAND CITY, TN	Carlos Vienes	elivery Date	Keel Laid Date	Gross Tons	Nel Tons	DWT	nglh
	1:	3Oct1998	21Aug1998	R-1619	R-1619		297.5
UNITED STATES					ave nam	I-O	
					Ting to see the	on a water they	INCOME.
Owner			Operato				
CANAL BARGE COMPAN 1801 ENGINEERS ROAD	NY INC				COMPANY, II	NC.	PARKEW
BELLE CHASSE, LA 700	37	of the second second		ENGINEER		THE STATE OF THE S	My T
UNITED STATES	nn-			ED STATE	E, LA 70037		4.4
							wales dead
This vessel must be manned 0 Certified Lifeboatmen 0	ed with the followin	g licensed	and unlicensed	l Personnel	Included in w	hich there must he	Macay de
o detailed Elicboatifieri, o	Certified Tankerm	en, 0 HSC	Type Rating, a	nd 0 GMDS	SS Operators.	There are a real pe	
0 Masters	0 Licensed Mates		Engineers	0 Oi	The second second second	entarias and a second	NOT BELLEVILLE
0 Chief Mates	0 First Class Pilots	0 First A	Assistant Engineer	S			
0 Second Mates	0 Radio Officers	0 Secon	id Assistant Engin	eers	100		
0 Third Mates	0 Able Seamen	0 Third	Assistant Enginee	rs		THE STATE OF THE S	
0 Master First Class Pllot	0 Ordinary Seamen		sed Engineers				12 - 10 mg
0 Mate First Class Pilots	0 Deckhands	0 Qualif	ied Member Engin	eer	10 mg		
In addition, this vessel may Persons allowed: 0	/ carry 0 Passenge	rs, 0 Other	Persons in cre	w, 0 Persoi	ns in addition to	o crew, and no Oth	ers. Total
Route Permitted And Co	onditions Of Opera	ation:	A PROPERTY		Will by	iner	
Lakes, Bays, and			Coastwins				

Also, in fair weather only, not more than twelve (12) miles from shore between St. Marks and Carrabelle, 35 20 50 50 ENTROPIC TO SOL STREET, STREET

This vessel has been granted a fresh water service examination interval per 46 CFR 31.10-21(a)(2). 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.

Thermal fluid heater may only be operated when carrying grade "E" cargoes.

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/Perio	dic/Re-Inspe	ction	This certificate issued by		
Date	Zone	A/P/R	Signature	J.J. ANDREW, CDR, USCG, By direction		
2 2 3 5 (M) 3 (T) 1 (M) 3 (T)			The second second	Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur		
				Inspection Zone		



Certification Date: 10 Dec 2018
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Vessel Name: CBC 7029

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 per its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to OCMI Sector New Orleans, Louisiana.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Dec2023	30Dec2013	10Apr2009
Internal Structure	31Dec2023	10Dec2018	30Dec2013

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

Authorization:	CDADE HAR AND LONGER
rudionzation,	GRADE "A" AND LOWER AND SPECIFIED HAZARDOUS CARGOES
ACTOR DESIGNATION AND ACTOR SECOND	

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
29435	Barrels		THE RESIDENCE OF THE PARTY.	. arrivo regulated	rait154 Regulated

29435	Barrels	A	Yes		
	The second second second second		100	No	No
A SECOND ACCOUNTS OF THE PARTY					INO

Hazardous Bulk Solids Authority

Loading Constraints - Structural

	Cargo Weight per Tank (short tons) Maximum Density (lbs/gal)
#3 P&S WING TANKS 142	15.000
#1 P&S WING TANKS 171	15.000
#2 P&S WING TANKS 173	15.000

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
	3759	10ft 0in	15.00	RIVERS, LAKES, BAYS AND SOUNDS
10	4628	11ft 9in	15.00	RIVERS, LAKES, BAYS AND SOUNDS
1	3759	10ft 0in	15.00	Rivers
100	4628	11ft 9in	15.00	Rivers

Conditions Of Carriage

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial #VN98012703, dated 12SEP00, 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.

Stability and Trim

Per 46 CFR 151.10(c)(2), the maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter "O" cargoes at shallower drafts, the barge should always be loaded uniformly.

The maximum design density of cargo which may be filled to the tank top is 8.74 lbs/gal. Cargoes with higher densities, up to 13.6 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

--- Inspection Status ---



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Vessel Name: CBC 7029

Cargo	Tanks
--------	--------

	Internal Exam			External Ex	am	
Tank Id	Previous	Last	Next	Previous	Last	Next
#3 P&S WING TANKS	10Apr2009	30Dec2013	30Dec2023			
#1 P&S WING TANKS	10Apr2009	30Dec2013	30Dec2023	. ***		
#2 P&S WING TANKS	10Apr2009	30Dec2013	30Dec2023			
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
#3 P&S WING TANKS	West Transfer					
#1 P&S WING TANKS						
#2 P&S WING TANKS						

--- Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

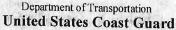
Fire Extinguishers - Hand portable and semi-portable

Quantity

Class Type

B-II

END





Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 7029

Official #: 1208079

Page 1 of 2

Shipyard: TRINITY MARI

Hull #: TRINIT¥ 4319

Serial #: VN98012703

12-Sep-00

COI Ref:

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage		
	Cha	Com	pat	754				
Name	Chem Code	Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction	
Authorized Subchapter O Cargoes	1.00	7/50					SHORT SME AND MANAGEMENT OF STREET	
Ammonlum bisulfite solution (70% or less)	ABX	43	Y		101		,50-73, ,56-1(a), (b), (c)	
Adiponitrile	ADN	37	N	E	111	15000	No	
Aminoethylethanolamine	AEE	8	N	E	III		.55-1(b)	
Anthracene oil (Coal tar fraction)	AHO	33		Е.		- 100	No	
Alkyl(C7-C9) nitrates	AKN	34	N	1,019	11	100		
Butyraldehyde (all isomers)	BAE	-	_	_	111	C. CO. PT.	50-81, 50-86	
Carbon tetrachloride	CBT	19 36	N	С	III	10.015	55-1(h)	
Creosote (all isomers)	CCW	21	Y	E	III)6	100000	No.	
Camphor oil	CPO	18	N	112	10	the same	No	
Caustic potash solution	CPS		-	D	II.	1000	No 50.70.55.40	
Chlorobenzene	CRB	5	Y	D	10		50-73, 55-1(j)	
Chloroform	CO. The Control of th	36	N	D	III		No	
cresols	CRF	36	N	E	111	- Steel	No	
Presylic acid tar	CRS	21	N	E	IR	1986	No	
Caustic soda solution	CRX	21	N	-	III	124	55-1(f)	
.4-Dichlorophenoxyacetic acid, dlethanolamine saltsolution	CSS	5	Υ	-	111		50-73, ,55-1(j)	
Piethanolamine	DDE	43	N	- 31	III	57-57	156-1(a), (b), (c), (g)	
lethylenetriamine	DEA	8	N	E	III	1249	.55-1(c)	
lisopropanolamine	DET	7	Υ	E	III	11/5	.55-1(c)	
odecyldimethylamine, Tetradecyldimethylamine mixture	DIP	8	N	E	111	- 6	65-1(c)	
,4-Dichlorophenoxyacetic acid, trilsopropanolaminesalt solution	DOT	7	N	E	HI	7 1 1	56-1(b)	
-Ethylhexyl acrylate	DTI	43	Y	1.005	Ш		.56-1(a), (b), (c), (g)	
thylene glycol hexyl ether	EAI	14	N	E	III		50-70(a), 50-81(a), (b)	
thylene glycol propyl ether	EGH	40	N	E	_III	11	No	
thylene cyanohydrin	EGP	40	N	E	JII		No	
Slutaraldehyde solution (50% or less)	ETC	20	N	Ε	IH		No	
sodecyl acrylate	GTA	19	N	NF	DU		No	
soprene	iAl	14	Ν	E	111		50-70(a), 50-81(a), (b), 55-1(c)	
	IPR	30	Ν	Α	10		50-70(a), 50-81(a), (b)	
raft pulping liquors (free alkali content 3% or more)	KPL	5	N		HI	Sale	50-73, .56-1(a), (c), (g)	
lethyl diethanolamine	MDE	8	N	E	111		_56-1(b), (c)	
thanolamine	MEA	8	N	E	10	TOLS .	55-1(c)	
-Methyl-5-ethylpyridine	MEP	9	N	Е	Id	US E	-55-1(e)	
80-Propanolamine	MPA	8	N	E	III	W. Die	55-1(0)	
Morpholine	MPL	7	Υ	D	H		.55-1(c)	
ropanolamine (iso-, n-)	PAX	8	N	E	III	Michigan	56-1(b), (c)	
olyethylene polyamines	PEB	7	Υ	Е	III	14	55-1(e)	
odium acetate, Glycol, Water mixture (3% or moreSodium hydroxide)	SAP	5	N		10	100		
odium aluminate solution (45% or less)	SAU	5	N	FALSE	10	7,11	50-73, 56-1(a), (b), (c)	
odium chlorate solution (50% or less)	SDD	0	Υ	NF	lli.	100	.50-73	
odium sulfide, hydrosulfide solution (H2S 15 ppm orless)	SSH	0	Υ		III	a dine	50-73, 55-1(b)	
tyrene	STY	30	N	D	III		50-70(a), 50-81(a), (b)	
riethanolamine	TEA	8	Υ	Е	III	T DOV. N	55-1(b)	
riethylenetetramine	TET	7	Υ	E	III.		.55-1(b)	
riphenylborane (10% or less), caustic soda solution	TPB	5		4000	III	PJ 25	56-1(a), (b), (c)	
risodium phosphate solution	TSP	5	N	NF	111	Der Fe	50-73, 56-1(a), (c)	
etraethylenepentamine	TTP	7	N	E	10	La Julie	-55-1(c)	
inyl acetate	VAM	13	N	C	III		50-70(a), 50-81(a), (b)	
anlllin black liquor (free alkali content 3% or more)	VBL	5		He.	III	17/3/3	50-73, 56-1(a), (c), (g)	



Department of Transportation **United States Coast Guard**

Serial #: VN98012703 COI Ref: 12-Sep-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 7029 Otflcial #:1208079

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Shipyard: TRINITY MARI

Hull #: TRINITY 4319

Cargo Identification			Conditions of Carriage			
	Chem	Group		Hull		
Name Apation of terms & symbols used in the Table.	Code		xc Grade		Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction

erms & symbols used in the Table:

Cargo Identification

Name

The proper shipping name as listed in 46 CFR Table 151.05.

Ch∋m Code

Exceptions (Exc)

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.

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 Elammable 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.

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

A, B, C D, E NA, NF

Hul Type

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 practide 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

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