

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

Certification Date: 31 May 2023 Expiration Date: 31 May 2028

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		Off	icial Number	IMO Numl	ner	Call Sign	Service	
CBC 385			243659	into Haini	, ,	odii olgii		
CDC 303		14	243009				Tank Ba	arge
Hailing Port								
NEW ORLE	ANS, LA		Hull Material	Horse	power	Propulsion		
			Steel					
UNITED STA	ATES							
Place Built								
AMELIA, LA			Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
·			06Aug2013	06May2013	R-1619	R-1619		R-297 5 I-0
UNITED STA	ATES				r	r		1-0
Owner				Operato				
	GE COMPANY IN	NC		CAN	AL BARGE	COMPANY IN	С	
1801 Engine					ENGINEER			
Belle Chase, UNITED STA					.E CHASSE ED STATE:	•		
0.11.22				ONT	LD SIAIL.	5		
This vessel m	nust be manned w feboatmen, 0 Cer	rith the follo	wing licensed	and unlicensed	d Personnel	Included in w	hich there mu	st be
0 Masters		icensed Mate		Engineers	0 Oi			
0 Chief Mate		irst Class Pilo		⊏ngineers ∖ssistant Engineei		iers		
0 Second Ma	•	Radio Officers		nd Assistant Engiree				
0 Third Mate		ble Seamen		Assistant Enginee				
0 Master Firs	st Class Pilot 0 C	Ordinary Seam		sed Engineers				
0 Mate First	Class Pilots 0 D	eckhands	0 Qualif	ied Member Engir	ieer			
In addition, the Persons allow	nis vessel may car wed: 0	ry 0 Passer	ngers, 0 Other	Persons in cre	w, 0 Persor	ns in addition to	crew, and no	Others. Total
Route Perm	nitted And Condit	tions Of Or	peration:					
	Bays, and So							
Also, in fai Carrabelle,	ir weather only, Florida.	coastwise	e, not more	than twelve (12) miles	from shore be	tween St. Ma	arks and
This vessel	has been grante	d a fresh	water cervi	ce evaminatio	n intorual	in accordance	o with 46 CI	7D 21 10 21 (a)
(2). If thi	is vessel is ope	erated in s	salt water mo	ore than 6 mo	nths in an	v 12 month pe	riod, the ve	essel must be
Inspected us	sing salt water s change in stat	intervals us occurs.	per 46 CFR	31.10-21(a)(1) and the	cognizant OCM	I notified	in writing as
				oast Guard Di	strict's T	ank Barge Str	eamlined Ins	spection Program
SEE NEX	XT PAGE FOR A	DDITIONA	AL CERTIFIC	ATE INFORM	IATION			
With this Insp	ection for Certifica	ation having	been comple	ted at Houstor	, TX, UNITE	ED STATES. 16	os Officer in C	Charge, Marine
Inspection, Se	ector Houston-Ga	lveston cert	ified the vesse	el, in all respec	ts, is in conf	ormity with the	applicable ve	ssel inspection
laws and the	rules and regulation Annual/Period						111	HACAUA
D-1						e issued by:	1-0.1	LAMIN Y
Date	Zone	A/P/R	Signatui			W. Morgans 9	DR, USCG, I	By Dipoction
				Offi	cer in Charge, Mar		_	
						Sector Hous	ston-Galvesto	n
				Ins	pection Zone			



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

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Certificate of Inspection

Vessel Name: CBC 385

(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 31May2033 12May2023 06Aug2013 Internal Structure 31May2028 02May2023 30Jul2018

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

Flammable/Combustible Liquids and Specified Hazardous Cargoes Authorization:

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

29627 Barrels Yes No No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 P/S	821	12.5
2 P/S	817	12.5
3 P/S	684	12.5

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	3763	9ft 8in	12.5	
III	4422	11ft 0in	12.5	

Conditions Of Carriage

Only those cargoes named in the barge's Cargo Authority Attachment (CAA), Serial No. C1-1701073, dated March 27, 2017. may be carried, and then only in the tanks indicated.

Per 46 CFR 150.130, the Person In Charge of the barge 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 reactive group numbers from the "Compat Group No" column listed in the barge'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.

In accordance with 46 CFR 39, excluding part 39.4000, this vessel's vapor collection system (VCS) has been inspected to the plans approved by Marine Safety Center leter, serial no. C1-1205080 dated December 19, 2012, and extended by serial no. C1-1300533 dated February 19, 2013, and has been found acceptable for the collection of bulk liquid vapors annotated with a "Yes" in the vessel's VCS column of the CAA.

--- Inspection Status ---

Cargo Tanks

	Internal Exam			External Exar	m	
Tank Id	Previous	Last	Next	Previous	Last	Next
1 P/S	06Aug2013	02May2023	31May2033	-	-	_



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Certificate of Inspection

Vessel Name: CBC 385

	_
3 P/S 06Aug2013 02May2023 31May2033 -	
Hydro Test	
Tank Id Safety Valves Previous Last	Next
1 P/S	

1 P/S = 2 P/S = 2

40 40 54

---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 40-B

END

3 P/S



Cargo Authority Attachment

Vessel Name: CBC 385

Shipyard: CONRAD INDUSTRIES,

27-Mar-17

INC.

Hull #: C-1017

Official #: 1243659

Tank Group Information	Cargo I	dentificat	ion		Cargo						Environmental Control Fire		Special Requirements				
Tnk Grp Tanks in Group	Density	Press,	Temp	Hull Typ	Seg Tank	1.09 (1.11	Vent	Gauge	Pipe Class	Cont	Tanks	Handling	Protection Provided	General	Materials of Construction		Temp
A #1 P/S, #2 P/S, #3 P/S	12,5	Atmos	Amb	II.	1ii 2ii	Integral Gravity	PV	Closed	11,	G-1	NR	NA	Portable	.50-5(d), .50-60, .50-70(a), .50- 70(b), .50-73, 50-	55-1(b), (c), (e), (f), (h), (j), 56-1(a), (b), (d), (f), (g),	NR	No

Notes: 1. Under Environmental Control, Tanks, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo tanks.

2. Under Environmental Control, Handling Space, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo handling space. NA means that the vessel does not have a cargo control space, and this requirement is not applied.

3. Under Electrical Hazard Class, NA means that the tank group is suitable only for those cargoes which have no electrical hazard class requirement. NR means that the vessel has no electrical equipment located in a hazardous location.

List of Authorized Cargoes

Cargo Identification	Conditions of Carriage									
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Ro App'd (Y or N)	ecovery VCS Category	Special Requirements in 46 CFR 151 General and Mat'ls of	Insp. Period
Authorized Subchapter O Cargoes			944 A - 24		/3±1/		27 = 28	a de	Skyllaver et al.	er EU
Glyphosate solution (not containing surfactant)	GIO	7	D/O 3	E	1013	Α	No	N/A	Medical value of dead	
Sodium acetate solution	SAN	34	D/O 3	#	1 (1)	Α	No	N/A		
Acetonitrile	ATN	37	0	С	111	Α	Yes	3	No	G
Acrylonitrile	ACN	15 ²	0	С	- 11	Α	Yes	4	50-70(a), 55-1(e)	G
Adiponitrile	ADN	37	0	E	П	Α	Yes	2011	No	G
Alkyl(C7-C9) nitrates	AKN	34 2	0	NA	101	Α	No	N/A	.50-81, .50-86	G
Aminoethylethanolamine	AEE	8	0	E	m	A	Yes	1	55-1(b)	G
Anthracene oil (Coal tar fraction)	AHO	33	0	NA	7	Α	No	N/A	No	G
Benzene	BNZ	32	0	С	10	Α	Yes	5017	50-60	G
Benzene or hydrocarbon mixtures (having 10% Benzene or more)	ВНВ	32 2	0	С	101	Α	Yes	foet -	50-60	G
Benzene or hydrocarbon mixtures (containing Acetylene and 10% Benzene or more)	ВНА	32 ²	0	С	TR	Α	Yes	1	50-60, 56-1(b), (d), (f), (g)	G
Benzene, Toluene, Xylene mixtures (10% Benzene or more)	BTX	32	0	B/C	-III	Α	Yes	1	,50-60	G
Butyl acrylate (all isomers)	BAR	14	0	D	III	Α	Yes	2	.50-70(a), 50-81(a), (b)	G
Butyl methacrylate	ВМН	14	0	D	Ш	Α	Yes	2	50-70(a), 50-81(a), (b)	G
Butyraldehyde (all isomers)	BAE	19	0	С	. HI	Α	Yes	1	55-1(h)	G
Camphor oil (light)	CPO	18	0	D	11	Α	No	N/A	No	G
Chemical Oil (refined, containing phenolics)	COD	21	0	Е	411	Α	No	N/A	50-73	G
Chlorobenzene	CRB	36	0	D	101	Α	Yes	1	No	G
Chloroform	CRF	36	0	NA	THE S	Α	Yes	3	No	G
Coal tar naphtha solvent	NCT	33	0	D	111	Α	Yes	1	50-73	G
Creosote	ccw	21 2	0	E	10	Α	Yes	1	No	G
Cresols (all isomers)	CRS	21	0	Е	William.	Α	Yes	1	No	G
Cresylate spent caustic	csc	5	0	NA	101	Α	No	N/A	50-73, 55-1(b)	G
Cresylic acid tar	CRX	21	0	E	- 111	Α	Yes	1	55-1(f)	G
Crotonaldehyde	CTA	19 2	0	С	II	A	Yes	4	.55-1(h)	G
Crude hydrocarbon feedstock (containing Butyraldehydes and Ethylpropyl acrolein)	CHG	19 ²	0	С	111	A	Yes	1	No	G
Cyclohexanone	ССН	18	0	D	GE III	Α	Yes	1	56-1(a), (b)	G
Cyclohexanone, Cyclohexanol mixture	CYX	18 ²	0	E	III	A	Yes	1	56-1 (b)	G
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	0	D	III	A	Yes	1	50-60, .56-1(b)	G
iso-Decyl acrylate	IAI	14	0	E		A	Yes	2	50-70(a), 50-81(a), (b), 55-1(c)	G
Dichlorobenzene (all isomers)	DBX	36	0	E	sa fil	A	Yes	3	56-1(a), (b)	G

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27-Mar-17

Certificate of Inspection Cargo Authority Attachment

Vessel Name: CBC 385

Official #: 1243659

Shipyard: CONRAD

INDUSTRIES, INC.

Hull #: C-1017

Cargo Identifica	ation	TWITE S				Condition CO						
Cargo identifica	tuon	2015		West	10/10	Conditions of Carriage						
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Hull Type	Tank Group	App'd (Y or N)	ecovery VCS Category	Special Requirements in 46 CFR 151 General and Mat'ls of Construction	Insp Perio		
1,1-Dichloroethane	DCH	36	0	С	- 111	Α	Yes	1	No	G		
2,2'-Dichloroethyl ether	DEE	41	0	D	0	Α	Yes	1	.55-1(1)	G		
Dichloromethane	DCM	36	0	NA	111	Α	Yes	5	No	G		
1,1-Dichloropropane	DPB	36	0	С	III	Α	Yes	3	No	G		
1,2-Dichloropropane	DPP	36	. 0	С	111	Α	Yes	3	No	G		
1,3-Dichloropropane	DPC	36	0	С	107	Α	Yes	3	No	G		
1,3-Dichloropropene	DPU	15	0	D	II	Α	Yes	4	No	G		
Dichloropropene, Dichloropropane mixtures	DMX	15	0	С	П	Α	Yes	1	No	G		
Diethanolamine	DEA	8	0	E	10	A	Yes		.55-1(c)	G		
Diethylamine	DEN	7	0	С	111	A	Yes	3	.55-1(c)	G		
Diethylenetriamine	DET	7 2	F-150-RESET	E	101	A	Yes	1	55-1(c)	G		
Diisobutylamine	DBU	7	0	D	III	A	Yes	3	.55-1(c)	G		
Diisopropanolamine	DIP	8	0	E	111	A	Yes	1	55-1(c)	G		
Diisopropylamine	DIA	7	0	C	11	A A	-	1000	55-1(c)	G		
N,N-Dimethylacetamide	DAC	10	0	E	111	A	Yes	3	.56-1(b)	Delin M		
Dimethylformamide	DMF	10	0	2100	-	CHARLES	Yes	3	SELECTION OF WASSESSEED THE PARTY OF	G		
Di-n-propylamine	DNA	7	1000	D	III	A	Yes	1	.55-1(e)	G		
Dodecyldimethylamine, Tetradecyldimethylamine mixture		- 0	0	C	WALLE AND A	Α	Yes	3	.55-1(a)	G		
Dodecyl diphenyl ether disulfonate solution	DOT	7	0	E	111	Α	No	N/A	56-1(b)	G		
EE Glycol Ether Mixture	DOS	43	0	#	_ 0	Α	No	N/A	No	G		
Ethanolamine	EEG	40	0	D	Ш	Α	No	N/A	No	G		
	MEA	8	0	E	101	Α	Yes	1	55-1(c)	G		
Ethyl acrylate	EAC	14	0	С	H	Α	Yes	2	50-70(a), 50-81(a), (b)	G		
Ethylamine solution (72% or less)	EAN	7	0	Α		Α	Yes	6	55-1(b)	G		
N-Ethylbutylamine	EBA	7	0	D	5 III e	Α	Yes	3	_55-1(b)	G		
N-Ethylcyclohexylamine	ECC	7	0	D	III	Α	Yes	1	55-1(b)	G		
Ethylene cyanohydrin	ETC	20	0	E	Ш	Α	Yes	1	No	G		
Ethylenediamine	EDA	7 2	0	D	M	Α	Yes	1	55-1(e)	G		
Ethylene dichloride	EDC	36 ²	0	С	2.10	Α	Yes	1	No	G		
Ethylene glycol hexyl ether	EGH	40	0	E	Ш	Α	No	N/A	No	G		
Ethylene glycol monoalkyl ethers	EGC	40	0	D/E	10	Α	Yes	1	No	G		
Ethylene glycol propyl ether	EGP	40	0	E	3.10	Α	Yes	1	No	G		
2-Ethylhexyl acrylate	EAI	14	0	E	a DL	Α	Yes	2	50-70(a), 50-81(a), (b)	G		
Ethyl methacrylate	ETM	14	0	D/E	III	Α	Yes	2	50-70(a)	G		
2-Ethyl-3-propylacrolein	EPA	19 ²	0	E	111	Α	Yes	1	No	G		
Formaldehyde solution (37% to 50%)	FMS	19 2	0	D/E	10	Α	Yes	1	.55-1(h)	G		
Furfural	FFA	19	0	D	311	Α	Yes	1	55-1(h)	G		
Glutaraldehyde solution (50% or less)	GTA	19	0	NA	111	A	No	N/A	No	G		
Hexamethylenediamine solution	НМС	7	0	E	111	A	Yes	1	.55-1(c)	G		
Hydrocarbon 5-9	HFN	31	0	С	III	A	Yes	1	50-70(a), 50-81(a), (b)	G		
Isoprene	IPR	30	0	A	ill	A	Yes	7	50-70(a), 50-81(a), (b)	G		
Isoprene, Pentadiene mixture	IPN	30	0	В	III	ATT OF THE REAL PROPERTY.			50-70(a), 55-1(c)	121-220		
Mesityl oxide	MSO	18 ²	0	D		A	No	N/A		G		
Methyl acrylate	MAM		THE PARTY NAMED IN		III m	A	Yes	100	No 50 70(a) 60 81(a) (b)	G		
Methylcyclopentadiene dimer		14	0	C	HI	Α	Yes	2	50-70(a), 50-81(a), (b)	G		
2-Methyl-5-ethylpyridine	MCK	30	0	С	101	A	Yes	1	No Section 1	G		
Methyl methacrylate	MEP	9	0	E	111	A	Yes	1	55-1(e)	G		
2-Methylpyridine	MMM	14	0	С	Ш	Α	Yes	2	50-70(a), 50-81(a), (b)	G		
	MPR	9	0	D	III	Α	Yes	3	.55-1(c)	G		
alpha-Methylstyrene	MSR	30	0	D	10	Α	Yes	2	50-70(a), 50-81(a), (b)	G		

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Serial # C1-1701073 Dated:

27-Mar-17

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 385

Vinyl neodecanate

Official #: 1243659

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Shipyard: CONRAD

50-70(a), 50-81(a), (b)

INDUSTRIES, INC. C-1017

Cargo Identification Conditions of Carriage Vapor Recovery Compat Special Requirements in 46 CFR Chem Group Sub Hull Tank VCS 151 General and Mat'ls of inso. Name Code Grade Nο Chapte Group (Y or N) Category Type Construction Morpholine MPL D 0 Ш .55-1(c) Yes G Nitroethane NTE 42 0 D п 50-81, 56-1(b) G Α No N/A 1- or 2-Nitropropane NPM 42 0 Ď 111 50-81 Yes G 1,3-Pentadiene PDE 30 0 Α 111 Yes 50-70(a), 50-81 G Polyethylene polyamines PEB 72 0 F m Yes G iso-Propanolamine MPA 8 0 E 111 Yes .55-1(c) G iso-Propylamine IPP 0 55-1(c) A П Α Yes 5 G Pyridine PRD 9 0 C ш A Yes 55-1(e) G Sodium chlorate solution (50% or less) SDD 0 1.2 0 NA 111 G A No N/A Sodium hypochlorite solution (20% or less) SHQ 5 0 NA 111 50-73, .56-1(a), (b) Α No N/A G Sodium sulfide, hydrosulfide solution (H2S 15 ppm or less) 0 1,2 SSH 0 50-73, 55-1(b) NA Ш Α Yes Sodium sulfide, hydrosulfide solution (H2S greater than 15 ppm but 0 1,2 SSI 0 NA Ш 50-73, .55-1(b) Α No N/A less than 200 ppm) Sodium sulfide, hydrosulfide solution (H2S greater than 200 ppm) 0 1,2 0 50-73, 55-1(b) NA 11 Α No N/A Styrene (crude) STX 0 D 111 Α G Yes 2 Styrene monomer STY 30 0 D Ш A 50-70(a), 50-81(a), (b) G Yes 2 Tetraethylenepentamine TTP 0 Ε Ш Α G Yes Tetrahydrofuran THE 0 С 111 50-70(b) Α Yes G 1,2,4-Trichlorobenzene TCB 0 Ε 111 Α G Yes 1,1,2-Trichloroethane TCM 0 NA 50-73, 56-1(a) Ш G Α Yes Trichloroethylene TCL 0 NA Ш G Α Yes 1,2,3-Trichloropropane TCN 36 0 E П Α G Yes 3 Triethanolamine TEA 0 Ε 111 55-1(b) G Α Yes Triethylamine TEN 0 C 11 Α Yes 3 G Triethylenetetramine TET 0 55-1(b) Е Ш Α Yes Ġ Urea, Ammonium nitrate solution (containing more than 2% NH3) UAS 6 0 NA Ш Α No N/A 56-1(b) G Vinyl acetate VAM 13 0 C Ш Α 50-70(a), 50-81(a), (b) G Yes

Subchapter D Cargoes Authorized for Vapor Control ACT 18 2 D С Yes Acetophenone ACP 18 D E A Yes Alcohol(C12-C16) poly(1-6)ethoxylates APU 20 D Е Α Yes Alcohol(C6-C17)(secondary) poly(7-12)ethoxylates AEB 20 D A Yes Amyl acetate (all isomers) AEC 34 D D Yes Amyl alcohol (iso-, n-, sec-, primary) AAI 20 D D Α Yes Benzyl alcohol BAL 21 Α Yes Brake fluid base mixtures (containing Poly(2-8)alkylene(C2-C3) BFX 20 D Ε Yes glycols, Polyalkylene(C2-C10) glycol monoalkyl(C1-C4) ethers, and their borate esters) Butyl acetate (all isomers) BAX D D Α Yes 1 Butyl alcohol (iso-) IAL 20 2 D D Α Yes Butyl alcohol (n-) 20 2 BAN D D Α Yes Butyl alcohol (sec-) BAS 20 2 D С Α Yes Butyl alcohol (tert-) BAT 20 2 D Yes Butyl benzyl phthalate BPH 34 D Ε Yes

VND

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0 Е 111

Α

No

N/A

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Certificate of Inspection Cargo Authority Attachment

Official #: 1243659

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Shipyard: CONRAD INDUSTRIES, INC.

Hulf #: C-1017

Cargo Identi	fication	terr		(Section		Conditions of Carriage					
Name	Chem Code	Compat Group No	Sub Chapte	Grade	Hull Type	Tank Group	Vapor F App'd	Recovery VCS Category	Special Requirements in 46 CFR 151 General and Mat'ls of Construction	Insp.	
Butyl toluene	BUE	32	D	D		Α	Yes	1	Harris American	1	
Caprolactam solutions	CLS	22	D	E		Α	Yes	1			
Cyclohexane	СНХ	31	D	С	TITT	Α	Yes	1			
Cyclohexanol	CHN	20	D ⁻	E		Α	Yes	1			
1,3-Cyclopentadiene dimer (molten)	CPD	30	D	D/E	V 56	Α	Yes	2	A Message	SCYTON,	
p-Cymene p-Cymene	CMP	32	D	D	173	A	Yes		TOTAL CALL SERVICE	98141	
iso-Decaldehyde	IDA	19	D	E		Α	Yes	1		150	
n-Decaldehyde	DAL	19	D	E		A	Yes	1	Chest II A St. Company of the Company	E Nesta	
Decene	DCE	30	D	D	N. S.	A	Yes			the 90/S	
Decyl alcohol (all isomers)	DAX	20 2	D	E		A	Yes	3 8	ed to sur contact of unaders.	Market A	
n-Decylbenzene, see Alkyl(C9+)benzenes	DBZ	32	D	E		A	No. of St.	2447	Cor - Light Afrika (Allie) - 1-20		
Diacetone alcohol	DAA	20 2	D	D		11 11 11 11	Yes				
ortho-Dibutyl phthalate	DPA	34	D	E	- 72.5	A	Yes	1			
Diethylbenzene	DEB	32	D	D		A	Yes	1		2 200%	
Diethylene glycol	DEG	40 2	D	E		A	Yes	1		I Kalley	
Diisobutylene	DBL	30	ALC: US	100	-	A	Yes	1			
Diisobutyl ketone	DIK	the last	D	С	5 0	Α .	Yes	1			
Diisopropylbenzene (all isomers)		18	D	D		Α	Yes	1			
Dimethyl phthalate	DIX	32	D_	E		Α	Yes	1	Wind.		
Dioctyl phthalate	DTL	34	D	E		Α	Yes	1		Art days	
Dipentene	DOP	34	D	E		Α	Yes	1	THE THE PARTY	1,000	
Diphenyl	DPN	30	D	D	101	Α	Yes	1 c			
Diphenyl, Diphenyl ether mixtures	DIL	32	D	D/E		Α	Yes	1			
Diphenyl ether	DDO	33	D	E		Α	Yes	1			
	DPE	41	D _±	{E}		Α	Yes	11		100	
Dipropylene glycol	DPG	40	D	E		Α	Yes	1	in minute of many	Liber .	
Distillates: Flashed feed stocks	DFF	33	D	Е	Tern.	Α	Yes	31.1	ALTERNATION AND A VALUE	RYCL L	
Distillates: Straight run	DSR	33	D	E	10.5	Α	Yes	191		il Call	
Dodecene (all isomers)	DOZ	30	D	D	V.O.I.	Α	Yes	1		12/2/01/	
Dodecylbenzene, see Alkyl(C9+)benzenes	DDB	32	D	E	Mico	Α	Yes	1	enterpriseller i Mon 1917 b.	Ollowan	
2-Ethoxyethyl acetate	EEA	34	D	D	1	Α	Yes	1	TA WE LEAD TO MONTE OF	HOTE	
Ethoxy triglycol (crude)	ETG	40	D	E		Α	Yes	1			
Ethyl acetate	ETA	34	D	С	W.	Α	Yes	1	THE REPORT OF THE PARTY OF THE	to les from	
Ethyl acetoacetate	EAA	34	D	E	5,61	Α	Yes	1		1.1	
Ethyl alcohol	EAL	20 2	D:	С		Α	Yes	1			
Ethylbenzene	ETB	32	D.	С		Α	Yes	1	MAYA		
	EBT	20	D	D		Α	Yes	1			
Ethyl tert-butyl ether	EBE	41	D	С		Α	Yes	1	0.7%	o like	
Ethyl butyrate	EBR	34	D	D	(i.y.)	Α	Yes	1		ALC: UNI	
Ethyl cyclohexane	ECY	31	D	D		Α	Yes	1	17 km 19		
Ethylene glycol	EGL	20 2	D	Е		Α	Yes	1	The limit of		



Cargo Authority Attachment

Vessel Name: CBC 385 Official #: 1243659

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Shipyard: CONRAD INDUSTRIES, INC.

Hull #: C-1017

Ethylene glycol butyl internaceatele Ethylene glycol butyl internaceatele Ethylene glycol diacetate EGY 34 D E A Yes 1 Ethylene glycol diacetate EGY 34 D E A Yes 1 Ethylene glycol phenyl ether EGY 34 D E A Yes 1 Ethylene glycol phenyl ether EGY 34 D E A Yes 1 Ethylene glycol phenyl ether EGY 34 D E A Yes 1 Ethylene glycol phenyl ether EGY 34 D E A Yes 1 Ethylene glycol phenyl ether EGY 34 D E A Yes 1 Ethylene glycol phenyl ether EGY 34 D E A Yes 1 Ethylene glycol phenyl ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glycol ether EGY 34 D E A Yes 1 Ethylene Glisomers) see Alkanes (GG-C9) (all isomers) HMX 31 D E A Yes 1 Ethylene Glisomers) see Alkanes (GG-C9) (all isomers) HMX 31 D E A Yes 1 Ethylene Glisomers) see Alkanes (GG-C9) (all isomers) HMX 31 D E A Yes 1 Ethylene Glisomers) see Alkanes (GG-C9) (all isomers) HMX 31 D E A Yes 1 Ethylene Glisomers) see Alkanes (GG-C9) (all isomers) HMX 31 D E A Yes 1 Ethylene Glisomers) see Alkanes (GG-C9) (all isomers) HMX 31 D E A Yes 1 Ethylene Glisomers, see Alkanes (GG-C9) (all isomers) HMX 31 D E A Yes 1 Ethylene Glisomers, see Alkanes (GG-C9) (all isomers) HMX 31 D E A Yes 1 Ethylene Glisomers, see Alkanes (GG-C9) (all isomers) HMX 31 D E A Yes 1 Ethylene Glisomers, see Alkanes (GG-C9) (all isomers) HMX 31 D E A Yes 1	Car	go Identification	1					Conditions of Carriage						
Ethylene glycal diacetate	Name	-1 125 Valentin 12 120		Group		Grade			App'd	VCS	151 General and Mat'ls of	Insp. Period		
Ethylane glycol pheny it efter Feb. 10	Ethylene glycol butyl ether acetate		EMA	34	D	E		Α	Yes	1		GODA		
Ethyl-3-ethoxypropionate EEP 34 D D A Yes 1 2-Ethylkaxand EHX 20 D E A Yes 1 Ethyl prophonate EPR 34 D C A Yes 1 Ethyl toluane ETE 32 D D A Yes 1 Ethyl toluane ETR 32 D D A Yes 1 Ethyl toluane ETR 34 D D E A Yes 1 Ethyl toluane ETR 34 D D E A Yes 1 Gasolines Delanding stocks: Alkiyletes GR 33 D AC A Yes 1 Gasolines: Cascinghead (natural) GR 33 D C A Yes 1 Gasolines: Straight (natural) GR 33 D AC A Yes 1 Gasolines: Straight (natural) <td>Ethylene glycol diacetate</td> <td></td> <td>EGY</td> <td>34</td> <td>D</td> <td>E</td> <td>Suc III</td> <td>Α</td> <td>Yes</td> <td>1</td> <td>SAME SAME</td> <td>145</td>	Ethylene glycol diacetate		EGY	34	D	E	Suc III	Α	Yes	1	SAME SAME	145		
Ethyls-propinorate	Ethylene glycol phenyl ether		EPE	40	D	Е	1	Α	Yes	1011				
2-Ethyl propionale EHX 20 B E A Yes 1 Ethyl propionale EPR 34 D C A Yes 1 Ethyl propionale EPR 32 D D A Yes 1 Furtury al achord FAM 10 D E A Yes 1 Gasoline blanding stocks: Alkylates GR 33 D AC A Yes 1 Gasoline blanding stocks: Reformates GRF 33 D AC A Yes 1 Gasolines: Cardinating not over 4.86 grams of lead per gallon GRF 33 D AC A Yes 1 Gasolines: Casinghead (natural) GCS 33 D AC A Yes 1 Gasolines: Casinghead (natural) GCP 33 D AC A Yes 1 Gasolines: Casinghead (natural) GCP 33 D AC A Yes 1 <td>Ethyl-3-ethoxypropionate</td> <td>A SILVERY</td> <td>EEP</td> <td>34</td> <td>D</td> <td>D</td> <td>¥</td> <td>Α</td> <td>Yes</td> <td>1</td> <td></td> <td>THE STATE OF</td>	Ethyl-3-ethoxypropionate	A SILVERY	EEP	34	D	D	¥	Α	Yes	1		THE STATE OF		
Elthy Iroluone EPR 34 D C A Yes 1 Elthy Iroluone ETB 32 D D A Yes 1 Formamide FAM 00 D E A Yes 1 Furturyl alcohol FAM 20 2 D E A Yes 1 Gasoline blending stocks: Reformates GAK 33 D AC A Yes 1 Gasolines Authornotive (containing not over 4.23 grams lead per gallon) GAX 33 D AC A Yes 1 Gasolines: Authornotive (containing not over 4.23 grams lead per gallon) GAX 33 D AC A Yes 1 Gasolines: Stalphaed (matural) GCX 33 D AC A Yes 1 Gasolines: Stalphaed (matural) GCX 23 D AC A Yes 1 Gasolines: Stalphaed (matural) GXX 33 D AC A <td>2-Ethylhexanol</td> <td></td> <td>EHX</td> <td>20</td> <td>D</td> <td>Ε</td> <td>May.</td> <td>Α</td> <td>Yes</td> <td></td> <td>The state of the second</td> <td>- 14EN</td>	2-Ethylhexanol		EHX	20	D	Ε	May.	Α	Yes		The state of the second	- 14EN		
FAM	Ethyl propionate	(集) · 你	EPR	34	D	С		Α	Yes	1		12.0		
Formanide	Ethyl toluene		ETE	32	D	D	great.					1111		
Furtury lalcohol FAL 20 ° 2 ° D E A Yes ° 1 Gasoline blending stocks: Alkylates GAK 33 ° D AC A Yes ° 1 Gasoline blending stocks: Refermates GRF 33 ° D D AC A Yes ° 1 Gasolines: Automotive (containing not over 4.25 grams lead per gallon) GAT 33 ° D C A Yes ° 1 Gasolines: Automotive (containing not over 4.86 grams of lead per gallon) GAV 33 ° D C A Yes ° 1 Gasolines: Automotive (containing not over 4.86 grams of lead per gallon) GAV 33 ° D AC A Yes ° 1 Gasolines: Sutaigh and (natural) GCS 33 ° D AC A Yes ° 1 Gasolines: Straight run GRR 30 ° D AC A Yes ° 1 Gasolines: Straight run GRR 20 ° D D C A Yes ° 1 Heptano (all isomers) HIX 20 ° D D E A Yes ° 1 Heptano (all isomers) HIX 20 ° D D E<	Formamide	1. NO. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	FAM	10	D	E					27 - 12 - 14 XX	7		
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Gasoline blending stocks: Reformates GRF 33 D AVC A Yes 1 Gasolines: Automotive (containing not over 4.23 grams lead per gallon) GAT 33 D C A Yes 1 Gasolines: Aviation (containing not over 4.86 grams of lead per gallon) GCS 33 D AC A Yes 1 Gasolines: Casinghead (natural) GCS 33 D AC A Yes 1 Gasolines: Straight run GCR GSR 33 D AC A Yes 1 Glycerine GCR 20 2 D E A Yes 1 Heptano (all isomers) HMX 31 D C A Yes 1 Heptanoi (all isomers) HTX 20 D DE A Yes 1 Heptanoi (all isomers) HTX 20 D D A Yes 1 Heptanoi (all isomers) HXX 30 D <	Gasoline blending stocks: Alkylates		-	-							The same that the property of the same to			
Gasolines: Automotive (containing not over 4.28 grams lead per gallon) GAT 33 D C A Yes 1 Gasolines: Aviation (containing not over 4.86 grams of lead per gallon) GAV 33 D C A Yes 1 Gasolines: Casinghead (natural) GCS 33 D A/C A Yes 1 Gasolines: Straight run GSR 33 D A/C A Yes 1 Glycerine GCR 20 2 D D A Yes 1 Heptane (all isomers), see Alkanes (C6-C9) (all isomers) HKX 31 D C A Yes 1 Heptanol (all isomers) HTX 20 D DE A Yes 1 Heptanol (all isomers) HTX 20 D DE A Yes 1 Heptanol (all isomers) HXX 31 D C A Yes 1 Heptanol (all isomers) HXX 31 D C	Gasoline blending stocks: Reformates	77		0 4	- 11						1 h 1 - 1 - 2 m 1 - 1 - 1 - 1 - 1	-		
Gasolines: Casinghead (natural) GCS 33 D A/C A Yes 1 Gasolines: Polymer GPL 33 D A/C A Yes 1 Gasolines: Straight run GSR 33 D A/C A Yes 1 Glycerine GCR 20 2 D E A Yes 1 Heptane (all isomers), see Alkanes (C6-C9) (all isomers) HMX 31 D C A Yes 1 Heptanol caid HEP 4 D E A Yes 1 Heptanol (all isomers) HTX 20 D D/E A Yes 1 Heptanol (all isomers) HTX 30 D C A Yes 1 Heptanol (all isomers) HTX 30 D C A Yes 1 Hexpload (all isomers) HEX 30 D C A Yes 1 Hexpload	Gasolines: Automotive (containing not over 4.	23 grams lead per			100							i lesson		
Gasolines: Casinghead (natural) GCS 33 D A/C A Yes 1 Gasolines: Straight run GSR 33 D A/C A Yes 1 Gasolines: Straight run GSR 33 D A/C A Yes 1 Glycerine GCR 20 2 D E A Yes 1 Heptane (all isomers), see Alkanes (C6-C9) (all isomers) HMX 31 D C A Yes 1 Heptanol (all isomers) HTX 20 D D/E A Yes 1 Heptanol (all isomers) HTX 20 D D/E A Yes 1 Heptanol (all isomers) HTX 30 D C A Yes 1 Heptanol (all isomers) HTX 30 D C A Yes 1 Hexplane (all isomers) HEX 30 D C A Yes 1	Gasolines: Aviation (containing not over 4.86	grams of lead per gallo	n) GAV	33	D	С	7	А	Yes	1		Z 1		
Gasolines: Polymer GPL 33 D A/C A Yes 1 Gasolines: Straight run GSR 33 D A/C A Yes 1 Glycerine GCR 20 °2 D E A Yes 1 Heptanol (all isomers), see Alkanes (C6-C9) (all isomers) HMX 31 D C A Yes 1 Heptanol (all isomers) HTX 20 D D/E A Yes 1 Heptanol (all isomers) HTX 20 D D/E A Yes 1 Heptanol (all isomers) HPX 30 D C A Yes 2 Heptanol (all isomers) HPX 30 D C A Yes 1 Hexanol (all isomers) HXS 31 °2 D B/C A Yes 1 Hexanol (all isomers) HXS 20 D D A Yes 1 Hexanol (all isomers	500	TANKER TO SERVE					_				Hall to M. Phillips	13		
Gasolines: Straight run GSR 33 D A/C A Yes 1	Gasolines: Polymer	15' 4									1 /An 1891			
Glycerine	Gasolines: Straight run	55						-			iws in x	-		
Heptane (all isomers), see Alkanes (C6-C9) (ali isomers) HMX 31 D C A Yes 1 Heptanoic acid HEP 4 D E A Yes 1 Heptanoi (all isomers) HTX 20 D D/E A Yes 1 Heptine (all isomers) HPX 30 D C A Yes 2 Heytine (all isomers) HPX 30 D C A Yes 1 Hexanoi (all isomers), see Alkanes (C6-C9) HXS 31 2 D B/C A Yes 1 Hexanoi (all isomers), see Alkanes (C6-C9) HXS 31 2 D B/C A Yes 1 Hexanoi (all isomers), see Alkanes (C6-C9) HXS 31 2 D B/C A Yes 1 Hexanoi (all isomers) HXS 31 2 D B/C A Yes 1 Hexanoi (all isomers) HXS 31 2 D B/C A Yes		lega III	705								22.4090)(1.22			
Heptanoic acid HEP 4 D E A Yes 1 Heptanol (all isomers) HTX 20 D D/E A Yes 1 Heptanol (all isomers) HPX 30 D C A Yes 2 Heptyl acetate HPE 34 D E A Yes 1 Hexanol (all isomers), see Alkanes (C6-C9) HXS 31 2 D B/C A Yes 1 Hexanol HXO 4 D E A Yes 1 Hexanol HXN 20 D D A Yes 1 Hexanol HXS 30 D C A <	Heptane (all isomers), see Alkanes (C6-C9) (a	all isomers)					9				(8010.)-	44.35		
Heptanol (all isomers)		TO BE WITH		-		- Alia	15				1171			
Heptene (all isomers)	Heptanol (all isomers)	The 25 Pro-	201 6	-		100	D				65 1			
Heptyl acetate	A 40 TO 10 T	100M	1707	10	1/ 1/32	- 41	9.00				1,04	English to		
Hexane (all isomers), see Aikanes (C6-C9) HXS 31 2 D B/C A Yes 1 Hexanoic acid HXN 20 D D A Yes 1 Hexanoic acid HEX 30 D C A Yes 1 Hexanoic acid HEX 30 D C A Yes 2 Hexplene glycol HXR 20 D E A Yes 1 Isophorone IPH 18 2 D E A Yes 1 Jet fuel: JP-4 Jet fuel: JP-5 (kerosene, heavy) JPV 33 D D A Yes 1 Kerosene KRS 33 D D A Yes 1 Kerosene KRS 33 D D A Yes 1 Methyl acetate MTT 34 D D A Yes 1 Methyl acetate MTT 34 D D A Yes 1 Methylachol MAL 20 2 D C A Yes 1 Methylanyl acetate MAC 34 D D A Yes 1 Methylanyl acetate MAC 34 D D A Yes 1 Methylanyl acetate MAC 34 D D A Yes 1 Methylanyl alcohol MAA 20 D D A Yes 1 Methylanyl ketone MAK 18 D D A Yes 1 Methyl anyl ketone Methyl anyl ketone MBE 41 2 D C A Yes 1 Methyl butyl ketone MBHyl butyl ketone MBHyl butyl ketone MBHyl butyl ketone		L. THE					Allesiania Eli							
Hexanoic acid HXO 4 D E A Yes 1 Hexanoi HXN 20 D D A Yes 1 Hexene (all isomers) HEX 30 D C A Yes 2 Hexylene glycol HXG 20 D E A Yes 1 Isophorone IPH 18.2 D E A Yes 1 Jet fuel: JP-4 JPF 33 D E A Yes 1 Jet fuel: JP-5 (kerosene, heavy) JPV 33 D D A Yes 1 Kerosene KRS 33 D D A Yes 1 Methyl acetate MTT 34 D D A Yes 1 Methyl alcohol MAL 20.2 D C A Yes 1 Methyl amyl acetate MAK 18 D D A	Hexane (all isomers), see Alkanes (C6-C9)	27 7 700					1/							
Hexanol												-		
Hexene (all isomers)		- 12 A									To the second	Ob.		
Hexylene glycol		and a					-				200			
Isophorone	SCHOOL STREET, AND	THE MEN THE TOTAL THE				7 7 5 6	(c)	27213	- 1		The state of the s	100		
Jet fuel: JP-4	THE REPORT OF THE PARTY OF THE	The state of the s	7 157	2 64	1.6	777	-			100	260 100			
Jet fuel: JP-5 (kerosene, heavy) JPV 33 D D A Yes 1			-			77					THE PERSON NAMED IN COLUMN	-die ik		
Kerosene KRS 33 D D A Yes 1 Methyl acetate MTT 34 D D A Yes 1 Methyl alcohol MAL 20 2 D C A Yes 1 Methylamyl acetate MAC 34 D D A Yes 1 Methylamyl alcohol MAA 20 D D A Yes 1 Methyl amyl ketone MAK 18 D D A Yes 1 Methyl butyl ketone MBK 18 D C A Yes 1 Methyl butyl ketone MBK 18 D C A Yes 1				-		-								
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Methyl alcohol MAL 20 ² D C A Yes 1 Methylamyl acetate MAC 34 D D A Yes 1 Methylamyl alcohol MAA 20 D D A Yes 1 Methyl amyl ketone MAK 18 D D A Yes 1 Methyl tert-butyl ether MBE 41 ² D C A Yes 1 Methyl butyl ketone MBK 18 D C A Yes 1											n Man			
Methylamyl acetate MAC 34 D D A Yes 1 Methylamyl alcohol MAA 20 D D A Yes 1 Methyl amyl ketone MAK 18 D D A Yes 1 Methyl tert-butyl ether MBE 41 2 D C A Yes 1 Methyl butyl ketone MBK 18 D C A Yes 1		177 1 7								1	TV-HINVE	10-120		
Methylamyl alcohol MAA 20 D D A Yes 1 Methyl amyl ketone MAK 18 D D A Yes 1 Methyl tert-butyl ether MBE 41 ° 2 D C A Yes 1 Methyl butyl ketone MBK 18 D C A Yes 1										-				
Methyl amyl ketone MAK 18 D D A Yes 1 Methyl tert-butyl ether MBE 41 ° 2 D C A Yes 1 Methyl butyl ketone MBK 18 D C A Yes 1 Methyl butyrete MBK 18 D C A Yes 1												7		
Methyl tert-butyl ether MBE 41 ° 2 D C A Yes 1 Methyl butyl ketone MBK 18 D C A Yes 1														
Methyl butyl ketone MBK 18 D C A Yes 1							-							
Mathyl buttrate												400		
MBU 34 D C A Yes 1														
Methyl ethyl ketone MEK 18 ² D C A Yes 1									Yes		- 1237	1.7		



Cargo Authority Attachment

Vessel Name: CBC 385

Official #: 1243659

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Shipyard: CONRAD

INDUSTRIES, INC.

Hull #: C-1017

			Page b					Jak T	Hull #: C-1017	LEW.
Cargo Identific	ation	ne ita	*	BILL	137	Os Au			tions of Carriage	
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Hull Type	Tank Group	App'd	Recovery VCS Category	Special Requirements in 46 CFR 151 General and Mat'ls of Construction	Insp. Perio
Methyl heptyl ketone	MHK	18	D	D	THE	A	Yes	1		
Methyl isobutyl ketone	MIK	18 2	2 D	С	Die.	Α	Yes	1		T WE W
Methyl naphthalene (molten)	MNA	32	D	E		Α	Yes	1	A STATE OF THE STA	
Mineral spirits	MNS	33	D	D		Α	Yes			STATE OF
Myrcene	MRE	30	D	D		Α	Yes	1		
Naphtha: Heavy	NAG	33	D	#	16	Α	Yes	100		ECV _{2.7}
Naphtha: Petroleum	PTN	33	D	#		Α	Yes	1		No.
Naphtha: Solvent	NSV	33	D	D	都州	Α	Yes	1	25,000 / 507 0005	1000
Naphtha: Stoddard solvent	NSS	33	D	D		Α	Yes	1		J. P.S.
Naphtha: Vamish makers and painters (75%)	NVM	33	D	С		Α	Yes	1		
Nonane (all isomers), see Alkanes (C6-C9)	NAX	31	D	D	en i	Α	Yes	100		
Nonene (all isomers)	NON	30	D	D	77	Α	Yes	2	AND MAKE THE	
Nonyl alcohol (all isomers)	NNS	20 2	7.50 THE	Е	W.	A	Yes	1		
Nonyl phenol	NNP	21	D	TE I		A	Yes	100		
Nonyl phenol poly(4+)ethoxylates	NPE	40	D	E	(Estina	A	Yes			
Octane (all isomers), see Alkanes (C6-C9)	OAX	31	D	c	174	A	Yes			Steller
Octanoic acid (all isomers)	OAY	4	D	Ε		A	Yes			
Octanol (all isomers)	OCX	20 2	MICHEUS	Ē	14	A	Yes	1		441000
Octene (all isomers)	ОТХ	30	D	c		A	Yes	2		
Oil, fuel: No. 2	OTW	33	D	D/E		A	Yes	1		
Oil, fuel: No. 2-D	ОТО	33	D	D		A	Yes	1		
Oil, fuel: No. 4	OFR	33	D	D/E	12.	A	Yes	1		Dh. Wale
Oil, fuel: No. 5	OFV	33	D	D/E		A	Yes	1	Arrest Catalana (Persenting	(syconia ye
Oil, fuel: No. 6	osx	33	D	E		A	Yes	1	A BANGS LIVERS	
Oil, misc: Crude	OIL	33	D	A/D	-			-	DE MANUEL MANUELLE	
Oil, misc: Diesel	ODS	33	D	D/E		Α .	Yes	1	11 1 - 408	43.0
Oil, misc: Gas, high pour	OGP	33	D	E		A	Yes	1		
Oil, mise: Lubricating	OLB	33	D	E		A	Yes	1	EU D'ST CESTO ES UMA	
Oil, misc: Residual	ORL	33	D	E	-	A	Yes	441	A U.S. PHUREY AND PROPERTY	
Oil, misc: Turbine	ОТВ	33	D	E	THE	1100500	Yes	1		1700
Pentane (all isomers)	PTY	31	D			A	Yes	Kool-		A Salar
Pentene (all isomers)	PTX	30	D	A		A	Yes	5	J. (889.7; 1879); XGGG	122171
n-Pentyl propionate	PPE	34	D	D		A	Yes	5		all act to
alpha-Pinene	PIO	30	D	D		A	Yes	1	AND THE PERSON NAMED IN COLUMN 1	y min
peta-Pinene	PIP	30	D	Very Contract	17	A	Yes	1	AND DESCRIPTION OF THE PARTY OF	
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether	PAG	40	D	D		Α	Yes	11		
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether acetate	PAG	34		E		Α	Yes	1	ART PLY	
Polybutene	PLB	30	D	E		A	Yes	1	10757,632	-
Polypropylene glycol	PGC	40	D	E	in a	A	Yes	1		
so-Propyl acetate		3 11	D	E	-	A	Yes	1		
	IAC	34	D	С		A	Yes	1	0 40 0	27110

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



Serial #: C1-

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 385

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d: CONRAD

INDUSTRIES, INC. Hull #: C-1017

Official #: 1243659

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Cargo Identificati	on					Conditions of Carriage						
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Hull Type	Tank Group	Vapor I App'd	Recovery VCS	Special Requirements in 46 CFR 151 General and Mat'ls of Construction	Insp. Period		
n-Propyl acetate	PAT	34	D	С	e di la	A	Yes	- 510				
iso-Propyl alcohol	IPA	20 2	D	С	May.	Α	Yes	1 1 1	A CONTRACTOR OF THE PARTY			
n-Propyl alcohol	PAL	20 2	' D	С	100	Α	Yes	11				
Propylbenzene (all isomers)	PBY	32	D	D	n.W	Α	Yes	1	SHARE - C. T. S.			
iso-Propylcyclohexane	IPX	31	D	D		A	Yes	PER		gyles (w		
Propylene glycol	PPG	20 2	D	E	BM.	Α	Yes	77		N. All		
Propylene glycol methyl ether acetate	PGN	34	D	D		Α	Yes	1	Campa Carlo PR			
Propylene tetramer	PTT	30	D	D		Α	Yes		Made 1889	81-56		
Sulfolane	SFL	39	D	E	Nes .	Α	Yes	1		431		
Tetraethylene glycol	TTG	40	D.	E	ST UT	Α	Yes	1-1-0		e il		
Tetrahydronaphthalene	THN	32	D	E	78.4	Α	Yes	1	1000	26.		
Toluene	TOL	32	D	С	Sec. 1	Α	Yes	1	4.01 //da.			
Tricresyl phosphate (less than 1% of the ortho isomer)	TCP	34	45 44 D 4	WE!	39 1	A	Yes	1381EH	SWRY LAND	AL		
Triethylbenzene	TEB	32	D	Е	ng Port	Α	Yes	879414	F. World F. U.S. St.	ja, or		
Triethylene glycol	TEG	40	D	E	13	A	Yes		228 11			
Triethyl phosphate	TPS	34	D	E	Tion I	A	Yes	1	X 155-961-016			
Trimethylbenzene (all isomers)	TRE	32	D	{D}	S-VIII	Α	Yes	4.1		7 NO King Y		
Trixylenyl phosphate	TRP	34	D	E		Α	Yes	1		52 Fg0		
Undecene	UDC	30	D	D/E	La Cuy.	Α	Yes	1	THE PARTY OF THE P	1.1773.5		
1-Undecyl alcohol	UND	20	D	E		Α	Yes	1	V 5661967 V	7 -1		
Xylenes (ortho-, meta-, para-)	XLX	32	D	D	the re-	Α	Yes	Ni della	Congress and the	and the		



Serial #: C1-1701073 Dated:

27-Mar-17

Cargo Authority Attachment

Vessel Name: CBC 385 Official #: 1243659

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Shipyard: CONRAD IND

Hull #: C-1017

Explanation of terms & symbols used in the Table:

Cargo Identification

Chem Code

Compatability Group No.

Note 1 Note 2

Subchapter Subchapter D

Note 3 Grade

A, B, C D, E

Note 4 NA

Hull Type

Conditions of Carriage

Tank Group Vapor Recover Approved (Y or N)

Conditions of Cardage

Tank Group Vapor Recover Approved (Y or N)

> VCS Category Category 1

> > Category 2

Category 3 Category 4 Category 5

Category 6 Category 7

The propper shipping name as listed in 46 CFR Table 30 25-1, 46 CFR Table 151,05, and 46 CFR Part 153 Table 2 The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual Certain mixtures of cargoes may not have a CHRIS Code assigned.

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.

Because of the very high reactivity or unusual conditions of carriage or potential compatibility problems, this product is not assigned to a specific group in the Compatibility Chart. For additional compatibility information, contact Commandant (CG-3PSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001. Telephone

See Appendix I to 46 CFR Part 150 - exceptions to the compatability chart

The subchapter in Title 46 Code of Federal Regulations under which the cargo has been classified.

Those flammable and combustible liquids listed in 46 CFR Table 30,25-1

Those hazardous cargoes listed in 46 CFR Table 151,05 and 46 CFR Part 153 Table 2.

Those cargoes listed in 46 CFR Part 153 Table 2 are non-regulated cargoes when carried in bulk on non-oceangoing barges.

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.

Combustible liquid cargoes, as defined in 46 CFR 30-10.15.

Combusinie liquic cargoes, as cerined in 46 C-PC 30-10-15.

The flammability/combustibility grade of these cargoes may vary depending upon the flashpoint and Reid vapor pressure. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo.

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.

The required barge hull classification for carnage of the specified Subchapter O hazardous meterial 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). Not applicable to barges certificated under Subchapter D.

The vessel's tank group (as defined in Section 4) which is authorized for carriage of the named cargo.

Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo. No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo.

The vessel's tank group (as defined under the "46 CFR Tank Group Characteristics" listed on page 1) which is authorized for carriage of the named cargo.

Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo. No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo.

The specified cargo's provisional classification for vapor control systems

(No additional VCS requirements above those for benzene, gasolines and crude oil) All requirements applying to the handling of oil and hazardous materials in Titles 33 and 46 Code of Federal Regulations (CFR) apply to these cargoes. Those specifically dealing with vapor control systems are in 33 CFR 155.750, 33 CFR 156.120, 33 CFR 156.170, 46 CFR 35.35 and 46 CFR 39. The cargo tank venting system calculations (46 CFR 39.20-11) and the pressure drop calculations (46 CFR 39.30-1(b)) must use appropriate friction factors, vapor densities and vapor growth rates

(Polymerizes) Polymerization and residue build-up of these cargoes can adversely affect the vessel by fouling safety componenets and restricting vapor flow which could lead to cargo tank overpressurization. The vessel's owner must develop a method of ensuring all VCS safety components are functional and polymer build-up is not causing an unsafe condition due to increased pressure in the vapor control piping and cargo tanks. The method shall be acceptable to the local Officer in Charge, Marine Inspection. This is in addition to the requirements of Category 1. Please note that a material not normally considered a monomer can be a problem in detonation arrester.

(Highly toxic) VCSs for these toxic cargoes cannot use a spill valve or rupture disk as the primary means to meet the overfill protection requirement of 46 CFR 39.20-9. This requirement is in addition to the requirements of Category 1.

(Polymerizes and highly toxic) Must comply with requirements of Categories 1, 2 and 3.

(High vapor pressure) VCS pressure drop calculations for cargoes with a vapor pressure greater than 14.7 psia at 115 F must take into account increased vapor-air moture densities and vapor growth rates as compared to Category 1 cargoes. Consult the Marine Safety Center's VCS Guidelines for further information. This requirements of Category 1.

(High vapor pressure and highly toxic) Must comply with requirements of Categories 1, 3 and 5 (High vapor pressure and polymerizes) Must comply with requirements of Categories 1, 2 and 5.

The cargo has not been evaluated/classified for use in vapor control systems



Commanding Officer United States Coast Guard Marine Safety Center US Coast Guard Stop 7430 2703 Martin Luther King Jr Ave SE Washington, DC 20593-7430 Staff Symbol: MSC-3 Phone: (202) 795-6731 Email: msc@uscq.mil

16710/P019693/mpc Serial: C1-1701073 March 27, 2017

Canal Barge Company, Inc. Attn: Ms. Rachel Denley 1801 Engineers Rd. Belle Chasse, LA 70037 rdenley@canalbarge.com

Subj: Canal Barge Company Barges Rivers; Lakes, Bays, and Sounds Updated 46 CFR 151 Cargo List and VCS List of Cargoes

Dear Ms. Denley:

In response to your email dated March 1, 2017 (MSC Document No. 1711636), we have updated the subject vessel's cargo and vapor control authority to remove all toxic cargoes including o-Toluidine (TLN). The updated Cargo Authority Attachment (CAA) for the list of barges, enclosure (1), are now available in the Coast Guard's Marine Information for Safety and Law Enforcement (MISLE) for issuance by the Officer in Charge, Marine Inspection (OCMI).

Please note that only the local OCMI can issue a vessel's CAA, which is valid only when referenced by and attached to a valid Certificate of Inspection (COI). The OCMI will verify the construction and arrangement of the subject vessels reflect the tank group characteristics shown in the CAA's. For the OCMI's convenience, we have included the following recommended COI endorsements:

Only those hazardous cargoes named in the vessel's Cargo Authority Attachment, Serial No. C1-1701073 dated March 27, 2017, 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 US Code of Federal Regulations Part 197, Subpart C are applied.

As an agreed-upon condition of your participation in the Marine Safety Center's electronic commerce program, you must provide the OCMI with a copy of this letter and identical paper copies of enclosure (1).

Subj: Canal Barge Company List of Barges Updated 46 CFR 151 Cargo List and VCS List of Cargoes

16710/P019693/mpc Serial: C1-1701073 March 27, 2017

Please contact LT Michael Comerford at (202) 795-6782 with questions concerning our review.

Sincerely,

R. W. MOWBRAY

Lieutenant, U. S. Coast Guard Chief, Vessel and Cargo Branch

By direction

Encl: (1) List of Applicable Barges

Copy: Commander, Coast Guard Sector New Orleans, Prevention Department

Subj: Canal Barge Company List of Barges Updated 46 CFR 151 Cargo List and VCS List of Cargoes

16710/P019693/mpc Serial: C1-1701073 March 27, 2017

ENCL (1): List of Applicable Barges

Barge Name	ON	C11 · · · · · · · · · ·	TT 11 5 T
CBC 369	1242511	Shipyard	Hull No.
CBC 370		Conrad	H447
	1242486	Conrad	H448
CBC 371	1243660	Conrad	H449
CBC 372	1243649	Conrad	C-1005
CBC 373	1243650	Conrad	C-1006
CBC 374	1243651	Conrad	C-1007
CBC 375	1243652	Conrad	C-1008
CBC 377	1243653	Conrad	C-1011
CBC 378	1243654	Conrad	C-1012
CBC 379	1243655	Conrad	C-1013
CBC 380	1243662	Conrad	H451
CBC 381	1243656	Conrad	C-1014
CBC 382	1243657	Conrad	C-1015
CBC 383	1243658	Conrad	C-1016
CBC 384	1243663	Conrad	H452
CBC 385	1243659	Conrad	C-1017
CBC 386	1243664	Conrad	H453
CBC 387	1248039	Conrad	C-1039
CBC 388	1248751	Conrad	C-1040
CBC 389	1248047	Conrad	C-1041
CBC 390	1248752	Conrad	C-1043
CBC 391	1253071	Conrad	C-1082
CBC 392	1253072	Conrad	C-1083
CBC 393	1254159	Conrad	C-1084
CBC 394	1254160	Conrad	C-1084 C-1085
CBC 395	1257746	Conrad	C-1083
	X = 5 / / TO	Comad	C-1102



RE: 1711636--Non-DoD Source Removal of chris code from Cargo Authority Attachment - o-Toluidine chris code TLI

Mowbray, Ryan LT to: Rachel Denley Cc: BargeMaintenance, "Comerford, Michael P LT" This message is digitally signed.

03/27/2017 02:28 PM

Ms. Denley,

We have generated updated cargo authority attachments for each of the subject barges and made them available to the local OCMI for issuance. Please contact the local OCMI to request an amended COI and issuance of the new CAAs. I have attached a formal letter to document the change for your records. Please let me know if you have any questions.

Regards, LT Ryan Mowbray, P.E. Chief, Vessel & Cargo Branch Tank Vessel and Offshore Division Coast Guard Marine Safety Center (202) 795-6776

----Original Message----

From: Rachel Denley [mailto:rdenley@canalbarge.com]

Sent: Wednesday, March 01, 2017 3:44 PM

To: HQS-PF-fldr-MSC-EC Cc: BargeMaintenance

Subject: 1711636--Non-DoD Source Removal of chris code from Cargo Authority

Attachment - o-Toluidine chris code TLI

Good afternoon,

The purpose of this email is to kindly request the removal of the chris code - (TLI) o-Toluidine from the list of barges with official numbers as mentioned below from each barge Cargo Authority Attachment. The product o-Toluidine (TLI) has never been carried nor will it be carried on these barges. This chris code has been added to the CAA in error at the time the barges were being built. To carry o-Toluidine (chis code TLI) the proper PV valve would have to be set at 3.0 lbs pressure which these barges are not set at that pressure setting. The barges listed below have USCG approved pressure settings set at 1.5 psi or less.

We ask that you please confirm by return email that the chris code (TLI), product name o-Toluidine is removed from the barges Cargo Authority Attachment. We ask that you please advise instructions on obtaining the revised CAA for each barge.

Remove chis code - o-Toluidine - (TLI) from the CAA for the following barges:

BARGE NUMBER OFFICIAL NUMBER USCG APPROVED PRESSURE SETTING CBC 369

1242511 2012 1.0 PSI CBC 370 1242486 2012 1.0 PSI CBC 371 1243660 2012 1.5 PSI CBC 372 1243649 2012 1.5 PSI CBC 373 1243650 2013 1.5 PSI CBC 374 1243651 2013 1.5 PSI CBC 375 1243652 2013 1.5 PSI CBC 377 1243653 2013 1.5 PSI CBC 378 1243654 2013 1.5 PSI CBC 379 1243655 2013 1.5 PSI CBC 380 1243662 2013 1.5 PSI CBC 381 1243656 2013 1.5 PSI CBC 382 1243657 2013 1.5 PSI CBC 383 1243658 2013 1.5 PSI CBC 384 1243663 2013 1.5 PSI CBC 385 1243659

2013 1.5 PSI CBC 386 1243665 2013 1.5 PSI CBC 387 1248039 2013 1.5 PSI CBC 388 1248751 2013 1.5 PSI CBC 389 1248047 2013 1.5 PSI CBC 390 1248752 2013 1.5 PSI CBC 391 1253071 2014 1.5 PSI CBC 392 1253072 2014 1.5 PSI CBC 393 1254159 2014 1.5 PSI CBC 394 1254160 2014 1.5 PSI CBC 395 1257746 2014 1.5 PSI

Thank you,

Rachel Denley SIRE Supervisor

Phone: 504.585.4625 | Fax: 504.585.4618

Email: RDenley@CanalBarge.com <mailto:RDenley@CanalBarge.com>

www.canalbarge.com

<https://urldefense.proofpoint.com/v2/url?u=http-3A __www.canalbarge.com_&d=D
wMFAg&c=0NKfg44GVknAU-XkWXjNxQ&r=IqScowVYc_KGv_AkwHgmtA&m=FiwrGNC1Yqgv2UR4a9
dSxGkOHPYh9pSSxofr7I55s94&s=lVAlILmqrWgVP9jfRgLRncBC-fIjjcIintG9Ksfr104&e=>

Canal Barge Company, Inc.
1801 Engineers Road
<a href="https://urldefense.proofpoint.com/v2/url?u=http-3A_maps.yahoo.com_py_maps.py-3FBFCat-3D-26Pyt-3DTmap-26newFL-3DUse-2BAddress-2BBelow-26addr-3D1801-2520Engineers-2520Road-26csz-3D70037-26Country-3Dus-26Get-25A0Map-3DGet-2BMap&d

=DwMFAg&c=0NKfg44GVknAU-XkWXjNxQ&r=IqScowVYc_KGv_AkwHgmtA&m=FiwrGNC1Yqgv2UR4 a9dSxGkOHPYh9pSSxofr7I55s94&s=f7wZ-bdASGYmEPdc63cha6nLH3TyeX5U9Q6SD8QRMQ4&e= Belle Chasse, La 70037 US

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