



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

Certification Date: 15 Aug 2016
Expiration Date: 15 Aug 2017

Temporary 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.

This Temporary Certificate of Inspection is issued under the provision of Title 46 United States Code, Section 399, in lieu of the regular certificate of inspection, and shall be in force only until the receipt on board said vessel of the original certificate of inspection, this certificate in no case to be valid after one year from the date of inspection.

Vessel Name	Official Number	IMO Number	Call Sign	Service
DBL 28	1178813	1588217	WDB6235	Tank Barge

Home Port	Hull Material	Horsepower	Propulsion
NEW YORK, NY	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
AMELIA,	13Mar2006	02Aug2005	R-1754	R-1754	4500	R-297.5
			F	F		I-O

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DRIVE, SUITE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE LP 18350 Market St. Channelview, TX 77530 UNITED STATES

This vessel must be manned with the following licensed and unlicensed Personnel. Included in which there must be Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.

0 Masters	0 Licensed Mates	0 Chief Engineers	0 Qualified Member Engineer Depts
0 Chief Mates	0 First Class Pilots	0 First Assistant Engineers	0 Oilers
0 Second Mates	0 Radio Officers	0 Second Assistant Engineers	0 Crew Members
0 Third Mates	0 Able Seamen	0 Third Assistant Engineers	
0 Master First Class Pilots	0 Ordinary Seamen	0 Licensed Engineers	
0 Mate First Class Pilots	0 Deckhands	0 Non Licensed Engineer Depts	

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, coastwise, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.
 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 in accordance with its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to OCMI Houston-Galveston.
 SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

With this Inspection for Certification having been completed at Port Arthur Texas 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				This certificate issued by: <i>L. T. O'Brien</i> L. T. O'BRIEN, CDR, USCG, By direction Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur Inspection Zone
Date	Zone	A/P/R	Signature	



Temporary Certificate of Inspection

Vessel Name: DBL 28

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	15Aug2026	12Aug2016	29Mar2011
Internal Structure	15Aug2021	12Aug2016	27Mar2014

---Stability---

Type	Issued Date	Office
Book	None Valid	
Letter	None Valid	

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

Authorization: GRADE A (MAX. 25 PSIA REID) AND LOWER FLAMMABLE OR COMBUSTIBLE LIQUIDS.

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
26664	Barrels	A	Yes	No	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Number	Maximum Load (short tons)	Maximum Density (lbs/gal)
1 P/S	847	14.6
2 P/S	784	14.6
3 P/S	821	14.6

Loading Constraints - Stability

Hull Type	Max Cargo Weight/Tank (short tons)	Maximum Draft (Ft/In)	Max Density (lbs/gal)	Route Description
III	4673	11ft 10in	14.6	R, LBS

Conditions Of Carriage

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial # C1-1300746, dated 11MAR13, 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 barge (vessel) is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the reactive group numbers from the "COMPAT GRP" column listed in the vessel's Cargo Authority Attachment."

GRADE A (MAX. 25 PSIA REID) AND LOWER FLAMMABLE OR COMBUSTIBLE LIQUIDS LISTED IN 46 CFR TABLE 30.25-1 AND CARGOES LISTED IN 46 CFR PART 153 TABLE 2. CARGOES SHALL NOT EXCEED THE MAXIMUM DENSITY FOR THE SPECIFIED CARGO TANKS.

PER 46CFR 151.10-15(c)(2) THE MAX. TANK WEIGHTS LISTED BELOW REFLECT UNIFORM (WITHIN 5%) LOADING AT THE DEEPEST DRAFT ALLOWED. WHEN CARRYING SUBCH. O CARGOES AT SHALLOWER DRAFTS, THE BARGE(S) SHOULD ALWAYS BE LOADED UNIFORMLY.

VAPOR CONTROL AUTHORITY



Temporary Certificate of Inspection

Vessel Name: DBL 28

IN ACCORDANCE WITH TITLE 46 CFR PART 39, EXCLUDING SUBPART 39.40, THIS BARGE'S VAPOR COLLECTION SYSTEM HAS BEEN INSPECTED TO THE PLANS APPROVED BY THE MARINE SAFETY CENTER LETTER #C2-0600462 DATED 06MAR06, AND FOUND ACCEPTABLE FOR THE COLLECTION OF THOSE SPECIFIC CARGO VAPORS LISTED ON THE CARGO AUTHORITY ATTACHMENT SERIAL #C1-1300745 DATED 11MAR2013, TRANSFER RATE LIMITED BY PARAMETERS SET IN SYSTEM APPROVAL LETTER.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S	14Mar2006	12Aug2016	15Aug2026	-	-	-
2 P/S	14Mar2006	12Aug2016	15Aug2026	-	-	-
3 P/S	14Mar2006	12Aug2016	15Aug2026	-	-	-

Hydro Test

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

Pressure Vessels

Type	Location	Previous	Last	Next
Air Receiver	STBD MACHINERY SPACE	13Mar2006	13Apr2011	13Apr2016

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Number of Fireman Outfits - 0 Number of Fire Pumps - 0

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
2	B-II

END



Department of Homeland Security
United States Coast Guard

Serial #: 01-1280745
Date: 11-Apr-13

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: DBL 28

Shipyard: Bollinger Marine
Fabricators

Official #: 1178813

Hull #: 488

46 CFR 151 Tank Group Characteristics

Tank Group Information	Cargo Identification			Cargo Tank	Tanks			Cargo Transfer			Environmental Control			Fire Protection Provided	Special Requirements			
	Tank No.	Tanks in Group	Density		Press.	Temp.	HMS Type	Cargo Tank Type	Vent.	Gauge	Pipe Class	Cont.	Tanks		Handling Space	General	Materials of Construction	Elec. Haz.
A	#1F1B, #2F1B, #3F1B	8.3	Atmos.	Amb.	III	1B	Integral Gravity	PV	Closed	II	U-1	NR	NA	Portable	40-101(1), 50-60, 50-70(a), 50-70(b), 50-73, 50-81(a), 50-81(b)	65-101, (c), (d), (e), (f), (g), (h), 55-1(a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z)	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

Name	Cargo Identification					Conditions of Carriage				
	Chem. Code	Comp. Group No.	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery	App'd (Y or N)	VCS Category	Special Requirements in 46 CFR 151 General and Table of

Authorized Subchapter O Cargoes

Acetonitrile	ATN	37	O	C	III	A	No	N/A	No		0
Allyl (CI-C8) nitrate	AVN	34 ²	O	NA	III	A	No	N/A	50-41, 50-43		0
Ammonium hydroxide (28% or less NH3)	AMH	8	O	NA	III	A	No	N/A	50-104 (a), (b), (c), (d)		0
Benzene	BNZ	32	O	C	III	A	Yes	1	50-60		0
Benzene or hydrocarbon mixtures (having 10% Benzene or more)	BHB	32 ²	O	C	III	A	Yes	1	50-60		0
Benzene or hydrocarbon mixtures (containing Acetylene and 10% Benzene or more)	BHA	32 ²	O	C	III	A	Yes	1	50-60, 50-70(a), (b), (c), (d)		0
Benzene, Toluene, Xylene mixtures (10% Benzene or more)	BTX	32	O	B/C	III	A	Yes	1	50-60		0
Butyl acrylate (all isomers)	BAR	14	O	D	III	A	No	N/A	50-70(a), 50-70(b), (c)		0
Butyl methacrylate	BMH	14	O	D	III	A	No	N/A	50-70(a), 50-70(b), (c)		0
Butyraldehyde (all isomers)	BAE	18	O	C	III	A	Yes	1	50-103		0
Coal tar naphtha solvent	NCT	33	O	D	III	A	Yes	1	50-73		0
Crude hydrocarbon feedstock (containing Butyraldehyde and Ethylpropyl acrolein)	CHG		O	C	III	A	No	N/A	No		0
Cyclohexanone	GCH	18	O	D	III	A	Yes	1	50-103 (b)		0
Cyclohexanone, Cyclohexanone mixture	CYX	18 ²	O	E	III	A	Yes	1	50-103		0
Cyclohexylamine	CHA	7	O	D	III	A	Yes	1	50-103 (a), (b), (c)		0
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	O	D	III	A	Yes	1	50-60, 50-100		0
Isobutyl acrylate	IAI	14	O	E	III	A	No	N/A	50-70(a), 50-70(b), (c), 50-103		0
Diethylamine	DEN	7	O	C	III	A	No	N/A	50-103		0
Diethylmethanamine	DEY	7 ²	O	E	III	A	Yes	1	50-100		0
Diisobutylamine	DBU	7	O	D	III	A	No	N/A	50-103		0
Diisopropylamine	DIP	8	O	E	III	A	Yes	1	50-103		0
N,N-Dimethylacetamide	DAC	10	O	E	III	A	No	N/A	50-103		0
Dimethylacetamide	DMA	8	O	D	III	A	Yes	1	50-103 (a)		0
Dimethylformamide	DMP	10	O	D	III	A	Yes	1	50-103		0
Dodecylmethylamine, Tetradecylmethylamine mixture	DOT	7	O	E	III	A	No	N/A	50-103		0
Ethyl acrylate	EAC	14	O	C	III	A	No	N/A	50-70(a), 50-70(b), (c)		0
N-Ethylbutylamine	EBA	7	O	D	III	A	No	N/A	50-103		0
N-Ethylcyclohexylamine	ECC	7	O	D	III	A	Yes	1	50-103		0
Ethylacetamide	EDA	7 ²	O	D	III	A	Yes	1	50-103		0
Ethylene glycol monoethyl ether	BGH	40	O	E	III	A	No	N/A	No		0
Ethylene glycol monoethyl ethers	EGC	40	O	D/E	III	A	Yes	1	No		0

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



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: DBL 28

Shipyard: Bollinger Marine
Fabricators

Official #: 1178813

Page 2 of 6

Hull #: 488

Name	Cargo Identification						Conditions of Carriage			
	Chem Code	Comp Group No	Sub Character	Grade	Hull Type	Tank Group	Vapor Recovery		Special Requirements in 48 CFR 151 General and Meta of 1a	Temp. Restrict
							Appl. (Y or N)	VCR Category		
Ethylene glycol propyl ether	EGP	40	O	E	III	A	Yes	1		0
2-Ethylhexyl acrylate	BAI	14	O	E	III	A	No	N/A	50-70(1), 50-61(1), (2)	0
Ethyl methacrylate	ETH	14	O	D/E	III	A	No	N/A	50-70(1)	0
2-Ethyl-3-propylacrolein	EPA	19 ²	O	E	III	A	Yes	1	No	0
Hexamethylenediamine solution	HMC	7	O	E	III	A	Yes	1	50-101	0
Hydrocarbon 6-9	HFN		O	D	III	A	Yes	1	50-70(1), 50-61(1), (2)	0
Isoprene	IPR	30	O	A	II	A	No	N/A	50-70(1), 50-61(1), (2)	0
Isoprene, Pentadiene mixture	IPN		O	B	III	A	No	N/A	50-70(1), 50-114	0
Methyl oxide	MBO	19 ²	O	D	III	A	Yes	1	No	0
Methyl acrylate	MAM	14	O	D	II	A	No	N/A	50-70(1), 50-61(1), (2)	0
Methylcyclopentadiene dimer	MCK	30	O	C	II	A	Yes	1	No	0
2-Methyl-6-ethylpyridine	MEP	9	O	E	II	A	Yes	1	50-101	0
Methyl methacrylate	MMH	14	O	D	II	A	No	N/A	50-70(1), 50-61(1), (2)	0
2-Methylpyridine	MPR	9	O	D	II	A	No	N/A	50-101	0
alpha-Methylstyrene	MSR	30	O	D	II	A	No	N/A	50-70(1), 50-61(1), (2)	0
Morpholine	MPL	7 ²	O	D	II	A	Yes	1	50-101	0
1- or 2-Nitropropane	NPM	42	O	D	II	A	Yes	1	50-41	0
1,3-Pentadiene	PDE	30	O	A	II	A	No	N/A	50-70(1), 50-61	0
Iso-Propylaldehyde	MPA	8	O	E	II	A	Yes	1	50-101	0
Propionaldehyde (iso-, n-)	PAX	8	O	E	II	A	Yes	1	50-101, (2)	0
Pyridine	PPD	9	O	C	II	A	Yes	1	50-101	0
Styrene (crude)	STX		O	D	III	A	No	N/A	No	0
Styrene monomer	STY	30	O	D	III	A	No	N/A	50-70(1), 50-61(1), (2)	0
Tetraethylammonium salt	TTP	7	O	E	II	A	Yes	1	50-101	0
Tetrahydrofuran	THF	41	O	C	II	A	Yes	1	50-70(1)	0
Triethanolamine	TEA	8 ²	O	E	II	A	Yes	1	50-101	0
Triethylenetetramine	TET	7 ²	O	E	II	A	Yes	1	50-101	0
Vinyl acetate	VAM	13	O	C	II	A	No	N/A	50-70(1), 50-61(1), (2)	0
Vinyl naphthalene	VNB	13	O	E	II	A	No	N/A	50-70(1), 50-61(1), (2)	0
Vinyltoluene	VNT	13	O	D	II	A	No	N/A	50-70(1), 50-61, 50-101, (2), (3), (4), (5)	0

Subchapter D Cargoes Authorized for Vapor Control

Acetone	ACT	18 ²	D	C		A	Yes	1
Acetophenone	ACP	18	D	E		A	Yes	1
Alcohol(C12-C18) poly(1-6)alkoxyates	APU	20	D	E		A	Yes	1
Alcohol(C8-C11)(secondary) poly(7-12)alkoxyates	AEB	20	D	E		A	Yes	1
Amyl acetate (all isomers)	AEO	34	D	D		A	Yes	1
Amyl alcohol (iso-, n-, sec-, primary)	AAI	20	D	D		A	Yes	1
Benzyl alcohol	BAL	21	D	E		A	Yes	1
Brake fluid base mixtures (containing Poly(2-6)alkylenes(C2-C3) glycols, Polyalkylene(C2-C10) glycol monoalkyl(C1-C4) ethers, and their base esters)	BFX	20	D	E		A	Yes	1
Butyl acetate (all isomers)	BAX	34	D	D		A	Yes	1
Butyl alcohol (iso-)	IAL	20 ²	O	D		A	Yes	1
Butyl alcohol (n-)	BAN	20 ²	D	D		A	Yes	1
Butyl alcohol (sec-)	BAB	20 ²	D	C		A	Yes	1
Butyl alcohol (tert-)	BAT		O	C		A	Yes	1
Butyl benzyl phthalate	BPH	34	D	E		A	Yes	1
Butyltoluene	BUE	32	D	D		A	Yes	1

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



Department of Homeland Security
United States Coast Guard

Serial #: C1-1300748
Date: 11-Mar-13

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: OBL 28

Shipyard: Bollinger Marine
Fabricators
Hull #: 488

Official #: 1178813

Page 3 of 8

Name	Cargo Identification					Conditions of Carriage				Special Requirements to 48 CFR 161 General and Matrix of	Insp. Fedet.
	Chem Code	Compat Group No	Sub Character	Grade	Hull Type	Took (A/B)	Vapor Recovery App'd (Y/N)	VCS Category			
Caprolactam solutions											
Cyclohexane	CHK	31	D	C		A	Yes	1			
Cyclohexanol	CFN	28	D	E		A	Yes	1			
p-Cymene	CMF	32	D	D		A	Yes	1			
iso-Decaldehyde	IDA	18	D	E		A	Yes	1			
n-Decaldehyde	DAL	18	D	E		A	Yes	1			
Decane	DCE	30	D	D		A	Yes	1			
Dicyclic alcohol (all isomers)	DAX	20 ²	D	E		A	Yes	1			
n-Decylbenzene, see Alkyl(C9+)benzenes	DBZ	32	D	E		A	Yes	1			
Diacetone alcohol	DAA	20 ²	D	D		A	Yes	1			
ortho-Dibutyl phthalate	DPA	34	D	E		A	Yes	1			
Dialkylbenzene	DEB	32	D	D		A	Yes	1			
Dialkylene glycol	DEG	40 ²	D	E		A	Yes	1			
Dibutylfene	DBL	30	D	C		A	Yes	1			
Dibutyl ketone	DBK	18	D	D		A	Yes	1			
Diacetyropyrene (all isomers)	DIX	32	D	E		A	Yes	1			
Dimethyl phthalate	DTL	34	D	E		A	Yes	1			
Dioctyl phthalate	DOF	34	D	E		A	Yes	1			
Dipentane	DPN	30	D	D		A	Yes	1			
Diphenyl	DIL	32	D	D/E		A	Yes	1			
Diphenyl, Diphenyl ether mixtures	DDO	33	D	E		A	Yes	1			
Diphenyl ether	DPE	41	D	(E)		A	Yes	1			
Dipropylene glycol	DPG	40	D	E		A	Yes	1			
Distillates: Flashed head stocks	DFF	33	D	E		A	Yes	1			
Distillates: Straight run	DSR	33	D	E		A	Yes	1			
Dodecane (all isomers)	DOZ	30	D	D		A	Yes	1			
2-Ethoxyethyl acetate	EEA	34	D	D		A	Yes	1			
Ethoxy bisglycol (crude)	ETG	40	D	E		A	Yes	1			
Ethyl acetate	ETA	34	D	C		A	Yes	1			
Ethyl acetoxystals	EAA	34	D	E		A	Yes	1			
Ethyl alcohol	EAL	20 ²	D	C		A	Yes	1			
Ethylbenzene	ETB	32	D	C		A	Yes	1			
Ethyl butanal	EBT	20	D	D		A	Yes	1			
Ethyl tert-butyl ether	EBE	41	D	C		A	Yes	1			
Ethyl butyrate	EBR	34	D	D		A	Yes	1			
Ethyl cyclohexane	ECY	31	D	D		A	Yes	1			
Ethylene glycol	EGL	20 ²	D	E		A	Yes	1			
Ethylene glycol butyl ether acetate	EMA	34	D	E		A	Yes	1			
Ethylene glycol diacetate	EGY	34	D	E		A	Yes	1			
Ethylene glycol phenyl ether	EPE	40	D	E		A	Yes	1			
Ethyl-3-ethoxypropionate	EPP	34	D	D		A	Yes	1			
2-Ethylhexanol	EHX	20	D	E		A	Yes	1			
Ethyl propionate	EPR	34	D	C		A	Yes	1			
Ethyl toluene	ETE	32	D	D		A	Yes	1			
Ferrocene	FAM	10	D	E		A	Yes	1			
Furfuryl alcohol	FAL	20 ²	D	E		A	Yes	1			
Gasoline blending stocks: Alkylates	GAK	33	D	A/C		A	Yes	1			
Gasoline blending stocks: Reformates	GRF	33	D	A/C		A	Yes	1			

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



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: DBL 28

Shipyard: Bollinger Marine
Fabricators

CI/Serial #: 1178913

Page 4 of 9

Hull #: 498

Name	Cargo Identification					Conditions of Carriage				
	Chem Code	Compat Group No	Sub Character	Grade	Hull Type	Tank Group	Vapor Recovery Applied (Y or N)	VCS Category	Special Requirements in 48 CFR (181 Contract and Matrix of)	Insp. Defect
Gasoline: Automotive (containing not over 4.23 grams lead per gallon)	GAT	33	D	C		A	Yes	1		
Gasoline: Aviation (containing not over 4.88 grams of lead per gallon)	GAV	33	D	C		A	Yes	1		
Gasoline: Ceilinghead (natural)	GCS	33	D	A/C		A	Yes	1		
Gasoline: Polymer	GPL	33	D	A/C		A	Yes	1		
Gasoline: Straight run	GSR	33	D	A/C		A	Yes	1		
Glycerine	GCR	20 ²	D	E		A	Yes	1		
Heptane (all isomers), see Alkanes (C8-C9) (all isomers)	HMX	31	D	C		A	Yes	1		
Heptanoic acid	HEP	4	D	E		A	Yes	1		
Heptanol (all isomers)	HTX	20	D	D/E		A	Yes	1		
Heptyl acetate	HPE	34	D	E		A	Yes	1		
Hexane (all isomers), see Alkanes (C8-C9)	HXS	31 ²	D	B/C		A	Yes	1		
Hexanoic acid	HXD	4	D	E		A	Yes	1		
Hexanol	HXN	20	D	D		A	Yes	1		
Hexylene glycol	HXG	20	D	B		A	Yes	1		
Isopharona	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	KRB	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	MAG	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		
Methyl butyrate	MBU	34	D	C		A	Yes	1		
Methyl ethyl ketone	MEK	18 ²	D	C		A	Yes	1		
Methyl heptyl ketone	MHK	18	D	D		A	Yes	1		
Methyl isobutyl ketone	MIK	18 ²	D	C		A	Yes	1		
Methyl naphthalene (molten)	MNA	32	D	E		A	Yes	1		
Mineral spirits	MNS	33	D	D		A	Yes	1		
Myrcene	MRE	30	D	D		A	Yes	1		
Naphtha: Petroleum	PTN	33	D	#		A	Yes	1		
Naphtha: Solvent	NSV	33	D	D		A	Yes	1		
Naphtha: Standard solvent	NSS	33	D	D		A	Yes	1		
Naphtha: Varnish makers and painters (75%)	NVM	33	D	C		A	Yes	1		
Nonane (all isomers), see Alkanes (C8-C9)	NAX	31	D	D		A	Yes	1		
Nonyl alcohol (all isomers)	NNB	20 ²	D	E		A	Yes	1		
Nonyl phenol	NNP	21	D	E		A	Yes	1		
Nonyl phenol poly(4+)ethoxylate	NPE	40	D	E		A	Yes	1		
Octane (all isomers), see Alkanes (C8-C9)	OAX	31	D	C		A	Yes	1		
Octanoic acid (all isomers)	OAY	4	D	E		A	Yes	1		
Octanol (all isomers)	OCK	20 ²	D	E		A	Yes	1		
Oil, fuel No. 2	OTW	33	D	D/E		A	Yes	1		
Oil, fuel No. 2-D	OTD	33	D	D		A	Yes	1		
Oil, fuel No. 4	OFR	33	D	D/E		A	Yes	1		
Oil, fuel No. 5	OFV	33	D	D/E		A	Yes	1		

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



Department of Homeland Security
United States Coast Guard

Serial #: C1-1300746
Date: 11-Mar-13

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: DBL 28

Official #: 1178813

Page 5 of 8

Shipyard: Bollinger Marine
Fabricators
Hull #: 498

Cargo Identification							Conditions of Carriage			
Name	Chem Code	Compt. Group No	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery Appl. (Y or N)	VCS Category	Special Requirements in 46 CFR 151 General and Parts of	Insp. Defect
Oil, Fuel No. 6	OSX	33	D	E		A	Yes	1		
Oil, misc: Crude	OSX	33	D	E		A	Yes	1		
Oil, misc: Diesel	OSD	33	D	C/D		A	Yes	1		
Oil, misc: Gas, high pour	OGP	33	D	E		A	Yes	1		
Oil, misc: Lubricating	OLB	33	D	E		A	Yes	1		
Oil, misc: Rockwell	ORL	33	D	E		A	Yes	1		
Oil, misc: Turbine	OTB	33	D	E		A	Yes	1		
n-Pentyl propionate	PPE	34	D	D		A	Yes	1		
alpha-Pinene	PIO	30	D	D		A	Yes	1		
beta-Pinene	PIP	30	D	D		A	Yes	1		
Poly(2-3)alkylene glycol monoalkyl(C1-C8) ether	PAG	40	D	E		A	Yes	1		
Poly(2-3)alkylene glycol monoalkyl(C1-C8) ether acetate	PAP	34	D	E		A	Yes	1		
Polybutene	PLB	30	D	E		A	Yes	1		
Polypropylene glycol	PGC	40	D	E		A	Yes	1		
iso-Propyl acetate	IAC	34	D	C		A	Yes	1		
n-Propyl acetate	PAT	34	D	C		A	Yes	1		
iso-Propyl alcohol	IPA	20 ²	D	C		A	Yes	1		
n-Propyl alcohol	PAL	20 ²	D	C		A	Yes	1		
Propylbenzene (all isomers)	PBY	32	D	D		A	Yes	1		
iso-Propylcyclohexane	IPX	31	D	D		A	Yes	1		
Propylene glycol	PPG	20 ²	D	E		A	Yes	1		
Propylene glycol methyl ether acetate	PGM	34	D	D		A	Yes	1		
Propylene isomer	PTT	30	D	D		A	Yes	1		
Sulfonate	SFL	38	D	E		A	Yes	1		
Tetraethylene glycol	TEG	40	D	E		A	Yes	1		
Tetrahydrocyclopentadiene	THN	32	D	E		A	Yes	1		
Toluene	TOL	32	D	C		A	Yes	1		
Triethyl phosphate (less than 1% of the ortho isomer)	TCP	34	D	E		A	Yes	1		
Triethylbenzene	TEB	32	D	E		A	Yes	1		
Triethylene glycol	TEG	40	D	E		A	Yes	1		
Triethyl phosphate	TPB	34	D	E		A	Yes	1		
Tetraethylbenzene (all isomers)	TRE	32	D	(D)		A	Yes	1		
Triethyl phosphate	TRP	34	D	E		A	Yes	1		
Undecane	UDC	30	D	D/E		A	Yes	1		
1-Undecyl alcohol	UND	20	D	E		A	Yes	1		
Xylenes (ortho, meta, para)	XLX	32	D	D		A	Yes	1		

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



Department of Homeland Security
United States Coast Guard

Serial #: 01-1300748
Date: 11-Mar-13

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: DBL 28
Official #: 1178813

Page 6 of 6

Shipyard: Bollinger Marine
Hull #: 488

Explanation of terms & symbols used in the Table:

Cargo Identification	
Name	The proper shipping name as listed in 48 CFR Table 39.25-1, 48 CFR Table 151.03, and 48 CFR Part 153 Table 2.
Chem Code	The Data letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
ASH	Certain mixtures of cargoes may not have a CHRIS Code assigned.
Compatibility Group No.	The cargo reactive group number assigned for compatibility determinations in 48 CFR Part 153 Tables I and II. In accordance with 48 CFR 153.110, the Person-in-Charge of the cargo is responsible for ensuring that the compatibility requirements of 48 CFR Part 153 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 48 CFR 153 in conjunction with the assigned reactive group number.
Note 1	Because of the very high reactivity or unusual conditions of cargoes or potential compatibility problems, this product is not assigned to a specific group in the Compatibility Chart. For additional compatibility information, contact Commander (CG-3PSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001, Telephone (202) 372-1426.
Note 2	See Appendix I to 48 CFR Part 153 - exceptions to the compatibility chart.
Subchapter	The subchapter in Title 48 Code of Federal Regulations under which the cargo has been classified.
Subchapter D	These flammable and combustible liquids listed in 48 CFR Table 39.25-1.
Subchapter O	These hazardous cargoes listed in 48 CFR Table 151.05 and 48 CFR Part 153 Table 2.
Note 3	These cargoes listed in 48 CFR Part 153 Table 2 are non-regulated cargoes when carried in bulk on non-ore-oregoing tonnage.
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 cargo is authorized for carriage of that grade of cargo.
A, B, C	Flammable liquid cargoes, as defined in 48 CFR 39-19.22.
D, E	Combustible liquid cargoes, as defined in 48 CFR 39-10.18.
Note 4	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 cargo is authorized for carriage of that grade of cargo.
NA	This 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.
Haz Type	The required bulk classification for carriage of the specified Subchapter O hazardous material cargo, see 48 CFR 151.10-1.
I	Designed to carry products which require the maximum protective measures to preclude the uncontrolled release of the cargo. See 48 CFR 151.10-1(b)(1).
II	Designed to carry products which require significant protective measures to preclude the uncontrolled release of cargo. See 48 CFR 151.10-1(b)(2).
III	Designed to carry products of sufficient hazard to require a moderate degree of control. See 48 CFR 151.10-1(b)(4).
NA	Not applicable to cargoes reflected under Subchapter D.
Conditions of Carriage	
Tank Group	The vessel's tank group (as defined in Section 4) which is authorized for carriage of the named cargo.
Vapor Recovery Approved (Y or N)	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.
Conditions of Carriage	
Tank Group	The vessel's tank group (as defined under the "48 CFR Tank Group Characteristics" listed on page 1) which is authorized for carriage of the named cargo.
Vapor Recovery Approved (Y or N)	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.
VCS Category:	The specified cargo's provisional classification for vapor control systems.
Category 1	(No additional VCS requirements above those for benzene, gasoline and crude oil) All requirements applying to the handling of oil and hazardous materials in Titles 33 and 48 Code of Federal Regulations (CFR) apply to these cargoes. These specifically dealing with vapor control systems are in 33 CFR 153.750, 33 CFR 159.120, 33 CFR 153.170, 48 CFR 15.25 and 48 CFR 39. The cargo tank venting system calculations (48 CFR 29.20-11) and the pressure drop calculations (48 CFR 29.20-1(b)) must use appropriate friction factors, vapor densities and vapor growth rates.
Category 2	(Polymers) Polymerization and residue build-up of these cargoes can severely affect the vessel by fouling safety components and restricting vapor flow which could lead to cargo tank overpressurization. The vessel's owner must develop a method of ensuring 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 dilution.
Category 3	(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 48 CFR 39.20-9. This requirement is in addition to the requirements of Category 1.
Category 4	(Polymers and Highly toxic) Must comply with requirements of Categories 1, 2 and 3.
Category 5	(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 density and vapor growth rates as compared to Category 1 cargoes. Consult the Marine Safety Center's VCS Guidelines for further information. This requirement is in addition to the requirements of Category 1.
Category 6	(High vapor pressure and highly toxic) Must comply with requirements of Categories 1, 3 and 5.
Category 7	(High vapor pressure and polymers) Must comply with requirements of Categories 1, 2 and 6.
none	The cargo has not been evaluated/classified for use in vapor control systems.

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