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NEVILLE ISLAND, PA	Delivery Cain Koel Leid D		Nal Tora	DWT	Langer				
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UNITED STATES		τ.	r		14				
AND INVESTORS BANK	ODEMOR BANK KIRBY INLAND MARINE LP								
09 WOOD AVE SOUTH		18350 Market S		12					
ISELIN, NJ 08930 UNITED STATES		Channelview, TZ UNITED STATE							
O Certified Lifeboatmen,	nad with the following licensed and unlic O Cartified Tankamen, O HSC Type Ra	ing, and 0 GMD	SS Operate	in which there r are.	nust be				
O Minatory D Child Marton	O Licensed Males O Chief Engineers		Here						
0 Chief Malen 0 Second Males	0 Finel Class Pilola 0 Finet Assistant B 0 Rodio Officera 0 Booxed Assisten								
o Third Makia	0 Ablo Souman 0 Third Assistant E								
O Mustor First Class Plus	D Drolnary Bonnian O Licensed Engine	•							
O Mate Prat Class Filelo	0 Dephiende 0 Qualified Membo								
In addition, this vassel may carry 0 Peasangers, 0 Other Paraons in crew, 0 Persons in addition to crew, and no Othera. Total Paraons allowed: 0									
Route Perinitied And Conditions Of Operation:									
mulakes, Baye, and Sounds-									
Alog, in fair vescher only, not nore than traive (12) allos from shore betreen at. Horks and Carrabella, Florida.									
14 Days is abla HANDAL	cansed & Ervali water dervice enamine is operated in sale water more that ad using salt water intervals and 7.	six (8) mone	ha 18 xav	tuolua (12) a	anth nariad.				
	OR ADDITIONAL CERTIFICATE INF			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	and the second of the second second				
Nith this inspection for Ce napection, Sector New Or he rules and recutetions p	rtification having been completed at No teans certified the vessel, in all respect resorbed thereunder.	w Orleans, EA, 9, is in conformi	UNITED 8 ly with the a	TATES, the Cit Ipplicable vois	liger in Charge el Inspection le				
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2-14-223 NOLA	P. Davhlen - ALCONCAUX				****				

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United States of America Department of Homeland Security United States Coast Guard Certification Date:09 Feb 2021Expiration Date:09 Feb 2026

### Certificate of Inspection

Vessel Name: PBL 2402

Hull Exams										
Exam Type	Next Exam	Last Exa	im	Prior Exam						
DryDock	31Oct2028	11Oct20	18	29Jan2009						
Internal Structure	30Jun2027	09Jun20	22	11Oct2018						
Liquid/Gas/Sol	id Cargo Authority	/Conditions								
Authorization: GRAD	E "D" AND LOWER									
Total Capacity Units	Highest C	Grade Type Part151 F	Regulated Part153 Re	egulated Part154 Regulated						
27024 Barrel	s D	No	No	No						
*Hazardous Bulk Solid	s Authority*									
Not Authorized										
*Loading Constraints -	Structural*									
Tank Number	Max Care	go Weight per Tank (sho	ort tons) Maxim	um Density (lbs/gal)						
1 THRU 7										
*Conditions Of Carriag	e*									
When the vessel is carry			ne, the Person In Char	ge is responsible for ensuring						
			ustible liquids when tra	insported in molten form at						
	Thermal fluid heater and									
*Vapor Control Authoriza	ation*									
approved by Marine Saf		1-0902516 dated 14SE	P09 and the list of auth	been inspected to the plans norized cargoes on the Vapor liquid cargo vapors.						
	FR Part 39.1017 and 39 g with other vessels spec			l and approved for multi- el.						
Inspection Stat	us									
*Cargo Tanks*										
10	Internal Exam		External Exam							
Tank Id	Previous Las	st Next	Previous Las	Next						
1 THRU 7	11Oct2018 09.	Jun2022 30Jun2032		-						
		Hydro Test								
Tank Id	Safety Valves	Previous	Last Ne:	đ						
1 THRU 7	-	-	, <b>-</b>							

#### ---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

### --- Fire Fighting Equipment ---



United States of America Department of Homeland Security United States Coast Guard Certification Date:09 Feb 2021Expiration Date:09 Feb 2026

# Certificate of Inspection

Vessel Name: PBL 2402

#### \*Fire Extinguishers - Hand portable and semi-portable\*

Quantity 3 Class Type B-II

#### ---Certificate Amendments---

Amending Unit

Amendment Date

Amendment Remark

Sector New Orleans

09Jun2022

Completed Cargo Tank Internal Examination and Internal Structural Examintation.

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



Serial #: C1-0902516 Dated: 14-Sep-09

### Certificate of Inspection Cargo Authority Attachment

Vessel Name: **PBL 2402** Official #: 558338 Shipyard: DRAVO Hull #: 6326

<b>Tank Group Characteristics</b>	5			
Tnk Grp Tanks in Group	Density	Flammability Grade	Fire Protection	Comments
A #1, #2, #3, #4, #5, #6, #7	8.7	A	Portable	None

This vessel is approved to collect vapors of the following 46 CFR Subchapter D flammable and/or combustible liquid cargoes using the approved onboard vapor control system.

#### Subchapter D Cargoes Authorized for Vapor Control

Cargo Identification						<b>Conditions of Carriage</b>				
Name	Chem Code	Compat Group No	IMO Pollution Category	Grade	Tank Group	Vapor Re App'd (Y or N)	covery VCS Category			
Acetone	ACT	18 <sup>2</sup>	111	С	А	Yes	1			
Acetophenone	ACP	18	@D	Е	Α	Yes	1			
Alcohol(C12-C16) poly(1-6)ethoxylates	APU	20	А	E	А	Yes	1			
Alcohol(C6-C17)(secondary) poly(7-12)ethoxylates	AEB	20	В	Е	А	Yes	1			
Amyl acetate (all isomers)	AEC	34	С	D	Α	Yes	1			
Amyl alcohol (iso-, n-, sec-, primary)	AAI	20	D	D	А	Yes	1			
Brake fluid base mixtures (containing Poly(2-8)alkylene(C2-C3) glycols, Polyalkylene(C2-C10) glycol monoalkyl(C1-C4) ethers, and their borate esters)	BFX	20	D	Е	А	Yes	1			
Butyl acetate (all isomers)	BAX	34	С	D	А	Yes	1			
Butyl alcohol (iso-)	IAL	20 <sup>2</sup>	111	D	А	Yes	1			
Butyl alcohol (n-)	BAN	20 <sup>2</sup>	· III	D	А	Yes	1			
Butyl alcohol (sec-)	BAS	20 <sup>2</sup>	111	С	А	Yes	1			
Butyl alcohol (tert-)	BAT		111	С	А	Yes	1			
Butyl toluene	BUE	32	@A	D	A	Yes	1			
Cyclohexane	CHX	31	С	С	А	Yes	1			
Cyclohexanol	CHN	I 20	D	Е	А	Yes	1			
1,3-Cyclopentadiene dimer (molten)	CPD	30	В	D/E	A	Yes	2			
p-Cymene	CMF	9 32	С	D	Α	Yes	1			
so-Decaldehyde	IDA	19	@C	E	Α	Yes	1			
n-Decaldehyde	DAL	19	· @B	E	Α	Yes	1			
Decene	DCE	30	В	D	А	. Yes	1			
Decyl alcohol (all isomers)	DAX	20 <sup>2</sup>	В	E	Α	Yes	1			
n-Decylbenzene, see Alkyl(C9+)benzenes	DBZ	32		E	Α	Yes	1			
Diacetone alcohol	DAA	20 <sup>2</sup>	D	D	А	Yes	1			
Diethylbenzene	DEB	32	А	D	А	Yes	1			
Diisobutylene	DBL	30	В	С	A	Yes	1			
Diisobutyl ketone	DIK	18	D	D	A	Yes	1			
Diisopropylbenzene (all isomers)	DIX	32	А	Е	A	Yes	- 1			
Dioctyl phthalate	DOF	<b>9</b> 34	. III	Е	A	Yes	1			
Dipentene	DPN	<b>I</b> 30	С	D	A	Yes	1			
Diphenyl	DIL	32	A	D/E		Yes	1			
Dipropylene glycol	DPG		III	Е	Α	Yes	1			
Distillates: Flashed feed stocks	DFF		1	E	A	Yes	1			
Distillates: Straight run	DSF	R 33	1	E	А	Yes	1			
Dodecene (all isomers)	DOZ	Z 30	В	D	А	Yes	1			
Dodecylbenzene, see Alkyl(C9+)benzenes	DDE		111	E	Α	Yes	1			
2-Ethoxyethyl acetate	EEA	34	С	D	Α	Yes	1			

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



Serial #: C1-0902516 Dated:: 14-Sep-09

# Certificate of Inspection Cargo Authority Attachment

Vessel Name: PBL 2402 Official #: 558338

Page 2 of 5

Shipyard: DRAVO

Hull #: 6326

Introduction         ETG         A         Ves         1           thy acatale         ETA         34         D         C         A         Yes         1           thy acatale         ETA         32         B         C         A         Yes         1           thy acatale         ETB         32         B         C         A         Yes         1           thy burshed         ETB         32         B         C         A         Yes         1           thy burshed         EER         32         B         C         A         Yes         1           thy burshe         EER         A         C         D         A         Yes         1           thy burshe         EER         A         C         D         A         Yes         1           thy burshe         EER         A         C         D         A         Yes         1           thy burshe         EER         A         C         D         A         Yes         1           thy burshe         EER         A         C         D         A         Yes         1           thy burshe         EER	Cargo Identification					Condition		
intro i spin (close)         ETA         34         D         C         A         Yes         1           thy i alond         EAL         20         2         B         C         A         Yes         1           thy i alond         EBT         20         20         D         A         Yes         1           thy i bachai         EBT         20         20         D         A         Yes         1           thy burbury alone         EBR         34         C         D         A         Yes         1           thy burbury alone         EDF         34         C         E         A         Yes         1           thy burbury alone         EDF         34         C         E         A         Yes         1           thy actabe         Systep i burbury alone         EDF         34         D         C         A         Yes         1           thy actabe         EDF         34         D         C         A         Yes         1           thy actabe         EDF         33         I         A         Yes         1           thy actabe         EDF         34         D         C	Name			Pollution	Grade		App'd	
thy a seating         ETA         34         34         C         A         Yes         1           thy diachol         ETB         32         B         C         A         Yes         1           thy blanzane         ETB         32         B         C         A         Yes         1           thy blanzane         EER         34         C         A         Yes         1           thy bly bly and         EER         34         C         D         A         Yes         1           thy bly and         EER         34         C         D         A         Yes         1           thy bly and         EER         34         C         D         A         Yes         1           thy bly and         Yes         S         I         A         Yes         1           thy bly and         EER         34         D         C         A         Yes         1           thy bly and         EER         34         D         C         A         Yes         1           thy bly and         EER         34         D         C         A         Yes         1           thy bly	Ethoxy trialycol (crude)	ETG	40	D	E	А	Yes	1
mpd accord         EAL         20 2         B         C         A         Yes         1           hythetzene         EFB         22         B         C         A         Yes         1           hythetzene         EBF         72         B         C         A         Yes         1           hythetzene         EBF         41         C         C         A         Yes         1           hythetzene         EBF         43         C         D         A         Yes         1           hythetzene         EBF         34         C         D         A         Yes         1           hythetzene         Interpretene         EBF         40         D         E         A         Yes         1           hythetzene         Interpretene         EBF         40         D         E         A         Yes         1           hythetzene         Interpretene         EBF         40         D         C         A         Yes         1           hythetzene         Interpretene         EBF         34         D         C         A         Yes         1           hythetzene         Interpretene		ETA	34	D	С	А	Yes	1
hyphenzene         ETB         32         B         C         A         Yes         1           hthy butanol         EBT         32         BD         C         A         Yes         1           hthy butynol         EBR         34         C         D         A         Yes         1           hthy butynate         EBR         34         C         D         A         Yes         1           hthy butynate         EBV         34         C         D         A         Yes         1           hthy butynate         EBV         34         G         C         A         Yes         1           hthy butynate         EBV         34         G         C         A         Yes         1           hthy butynate         EBV         34         D         C         A         Yes         1           hthy butynate         EBP         34         D         C         A         Yes         1           hthy butynate         EBP         34         D         C         A         Yes         1           saline butynate         EBP         34         D         C         A         Yes		EAL	20 <sup>2</sup>	Ш	С	А	Yes	1
thy burned         EBT         20         D         A         Yes         1           thy therbury lether         EBE         41         C         D         A         Yes         1           thy they bury ate         EBR         34         C         D         A         Yes         1           thy they bury ate         ECY         31         C         D         A         Yes         1           thy they optical pheny atter         EPE         40         C         D         A         Yes         1           thy depolation ther         EPE         34         C         D         A         Yes         1           thy proponate         EPR         34         C         D         C         A         Yes         1           sacine blending stock: Alkyates         GGK         33         I         A/C         A         Yes         1           sacine: blending stock: Reformans of lead per galion)         GAT         33         I         A/C         A         Yes         1           sacine: Scalinge diffich run         GGR         33         I         A/C         A         Yes         1           sacolines: Alking stock: Reforma		ETB	32	В	С	А	Yes	1
thy tert-bury lether         EBE         41         C         C         A         Yes         1           thy bury ate         ECV         31         C         D         A         Yes         1           thy bury ate         ECV         31         C         D         A         Yes         1           thy hey operative hey other         EPR         34         C         E         A         Yes         1           thy hey operative hey other         EPR         34         D         C         A         Yes         1           thy hey operative hey other         EPR         34         D         C         A         Yes         1           thy hey operative hey other         EPR         34         D         C         A         Yes         1           assoline biending stocks: Akyales         GAX         33         I         A/C         A         Yes         1           assolines: Akinonic containing not over 4.83 grams lead per gallon)         GAY         33         I         A/C         A         Yes         1           assolines: Casinghead (natur)         GBR         33         I         A/C         A         Yes         1 <tr< td=""><td>r</td><td>EBT</td><td>20</td><td>@D</td><td>D</td><td>А</td><td>Yes</td><td>1</td></tr<>	r	EBT	20	@D	D	А	Yes	1
EPR         34         C         D         A         Yes         1           thy cyclobexane         ECY         31         C         D         A         Yes         1           thy cyclobexane         EMA         34         C         E         A         Yes         1           thy cyclobexane         EPR         40         C         E         A         Yes         1           thy cyclobexane         EPR         34         C         D         C         A         Yes         1           thy cyclobexane         EPR         34         C         D         C         A         Yes         1           thy cyclobexane         EPR         34         C         A         Yes         1           assolines/ cyclobexane         EPR         33         I         A         A         Yes         1           assolines/ cyclobexane         GAK         33         I         C         A         Yes         1           assolines/ cyclobexane         GAK         33         I         C         A         Yes         1           assolines/ cyclobexane         GAK         33         I         C         <	· · · · · · · · · · · · · · · · · · ·	EBE	41	С	С	А	Yes	1
ECY         31         C         D         A         Yes         1           ithylene glycol butyl ther actatie         EMA         34         C         E         A         Yes         1           ithylene glycol butyl ther actatie         EMA         34         C         E         A         Yes         1           ithyl Schotypropionate         EFP         34         C         D         A         Yes         1           ithyl propionate         EFR         34         D         C         A         Yes         1           ithyl propionate         EFR         34         D         C         A         Yes         1           ascillone blending stocks: Akylates         GAK         33         I         ACC         A         Yes         1           ascillone: Standing stocks: Reformates         GAK         33         I         ACC         A         Yes         1           ascillone: Standing stocks: Reformates         GAK         33         I         ACC         A         Yes         1           ascillone: Standing stocks: Reformates         GAK         33         I         ACC         A         Yes         1           ascillone: S		EBR	34	С	D	А	Yes	1
EmA         S4         C         E         A         Yes         1           thylene glycol benyl ether         EPE         40         D         E         A         Yes         1           thylene glycol benyl ether         EPP         44         C         D         A         Yes         1           Lithyl belanogroup         EPR         34         C         D         A         Yes         1           Lithyl belanogroup         EPR         34         D         C         A         Yes         1           Sacoline belanding stocks: Alkylates         CAK         3         I         A'C         A         Yes         1           Sacolines: Automotive (containing not over 4.32 grams lead per gallon)         GAT         33         I         A'C         A         Yes         1           Sacolines: Automotive (containing not over 4.82 grams of lead per gallon)         GAT         33         I         A'C         A         Yes         1           Sacolines: Straight run         GSE         33         I         A'C         A         Yes         1           Sacolines: Straight run         GSE         32         I         A'C         A         Yes         1		ECY	31	С	D	А	Yes	.1
End         EPE         40         D         E         A         Yes         1           thull-3-ethoxyproponate         EEP         34         C         D         A         Yes         1           thull-3-ethoxyproponate         EFR         34         D         C         A         Yes         1           thy proponate         EFR         34         D         C         A         Yes         1           asoline blending stock: Akylates         GAK         33         I         A/C         A         Yes         1           asolines: blending stock: Reformates         GAK         33         I         A/C         A         Yes         1           asolines: foundation (containing not over 4.23 grams lead per gallon)         GAV         33         I         A/C         A         Yes         1           asolines: Statight run         GCS         33         I         A/C         A         Yes         1           asolines: Statight run         GSR         33         I         A/C         A         Yes         1           asolines: Statight run         G         C         C         A         Yes         1           asolines: Statight r		EMA	34	С	Е	А	Yes	1
EEP       34       C       D       A       Yes       1         EBM/sanol       EHX       20       @C       E       A       Yes       1         EBM/sanol       EPR       34       D       C       A       Yes       1         Sanoline blending stocks: Alkylates       GRK       33       I       A/C       A       Yes       1         Sasoline blending stocks: Reformates       GRF       33       I       A/C       A       Yes       1         Sasolines: Automotive (containing not over 4.83 grams lead per gallon)       GAV       33       I       A/C       A       Yes       1         Sasolines: Casinghead (natural)       GCS       33       I       A/C       A       Yes       1         Sasolines: Casinghead (natural)       GCS       33       I       A/C       A       Yes       1         Sasolines: Cohumer       GRS       33       I       A/C       A       Yes       1         Sasolines: Cohumer       GRS       33       I       A/C       A       Yes       1         Sasolines: Cohumer       GRS       33       I       A/C       A       Yes       1		EPE	40	D	Е	А	Yes	1
Ethylpexanol       Ethy       20       @C       E       A       Yes       1         thyl projonate       EPR       34       D       C       A       Yes       1         stapil projonate       ETE       32       B       D       A       Yes       1         sacoline blending stocks: Alkylates       GAK       33       I       AC       A       Yes       1         sacolines: Atomotive (containing not over 4.23 grams lead per gallon)       GAV       33       I       C       A       Yes       1         sacolines: Atomotive (containing not over 4.86 grams of lead per gallon)       GAV       33       I       ACC       A       Yes       1         sacolines: Casinghead (natural)       GGE       33       I       ACC       A       Yes       1         sacolines: Straight run       GRF       33       I       ACC       A       Yes       1         teptanol (all isomers), see Alkanes (C6-C9) (all isomers)       HTX       20       C       DE       A       Yes       1         teptanol (all isomers), see Alkanes (C6-C9)       HX       31       C       C       A       Yes       1         teptanol (all isomers), see Alkanes (C6-C9)<		EEP	34	С	D	А	Yes	1
thy propionate       EPR       34       D       C       A       Yes       1         thy propionate       ETE       32       B       D       A       Yes       1         ascoline blending stocks: Aklylates       GAK       33       I       A/C       A       Yes       1         ascolines: Automotive (containing not over 4.23 grams lead per gallon)       GAK       33       I       C       A       Yes       1         ascolines: Automotive (containing not over 4.23 grams lead per gallon)       GAK       33       I       A/C       A       Yes       1         ascolines: Automotive (containing not over 4.23 grams lead per gallon)       GAK       33       I       A/C       A       Yes       1         ascolines: Straightrun       GCS       33       I       A/C       A       Yes       1         ascolines: Divmer       GSR       33       I       A/C       A       Yes       1         ascolines: Straightrun       GRK       33       I       A/C       A       Yes       1         ascolines: Gaid       HER       4       D       E       A       Yes       1         ascolinesidi (unomers)       HER       34				@C	Е	А	Yes	1
Hyperbolic         ETE         32         B         D         A         Yes         1           ascoline blending stocks: Reformates         GAK         33         I         A/C         A         Yes         1           ascoline blending stocks: Reformates         GRK         33         I         A/C         A         Yes         1           ascolines: Automotive (containing not over 4.83 grams of lead per gallon)         GAV         33         I         C         A         Yes         1           ascolines: Casinghead (natural)         GCS         33         I         A/C         A         Yes         1           ascolines: Straight run         GSR         33         I         A/C         A         Yes         1           teptane (all isomers), see Alkanes (C6-C9) (all isomers)         HMX         31         C         C         A         Yes         1           teptanol (all isomers), see Alkanes (C6-C9) (all isomers)         HMX         31         C         C         A         Yes         1           teptanol (all isomers), see Alkanes (C6-C9)         HX         20         C         C         A         Yes         1           teptanol (all isomers), see Alkanes (C6-C9)         HX							Yes	1
Number         GAK         33         I         A/C         A         Yes         1           asciline blending stocks: Reformates         GRF         33         I         AC         A         Yes         1           asciline blending stocks: Reformates         GRF         33         I         AC         A         Yes         1           ascilines: Aution (containing not over 4.23 grams fead per gallon)         GAV         33         I         C         A         Yes         1           ascilines: Casinghead (natural)         GCS         33         I         A/C         A         Yes         1           ascilines: Casinghead (natural)         GCS         33         I         A/C         A         Yes         1           ascilines: Casinghead (natural)         GSR         33         I         A/C         A         Yes         1           ascilines: Polymer         GSR         33         I         A/C         A         Yes         1           sacinines: Polymer         GSR         33         I         A/C         A         Yes         1           teptanci (all isomers)         HXX         30         C         C         A         Yes         1<				В			Yes	1
accounts builting solution grout over 4.23 grams lead per gallon)         GRF         3.3         I         A/C         A         Yes         1           Sacolines: Autonotive (containing not over 4.23 grams lead per gallon)         GAV         3.3         I         C         A         Yes         1           Sacolines: Autonotive (containing not over 4.23 grams of lead per gallon)         GAV         3.3         I         C         A         Yes         1           Sacolines: Signifiphead (natural)         GCS         3.3         I         A/C         A         Yes         1           Sacolines: Straight run         GSR         3.3         I         A/C         A         Yes         1           Sacolines: Straight run         GSR         3.3         I         A/C         A         Yes         1           Ideptane (all isomers), see Alkanes (C6-C9) (all isomers)         HMX         31         C         C         C         A         Yes         1           Ideptane (all isomers), see Alkanes (C6-C9) (all isomers)         HTX         20         C         C         C         A         Yes         1           Ideptane (all isomers), see Alkanes (C6-C9)         HTX         20         C         C         A         Yes							Yes	1
Backing Schwart         South and Schwart				I				
Sasolines: Aviation (containing not over 4.86 grams of lead per gallon)         GAV         33         I         C         A         Yes         1           Sasolines: Casinghead (natural)         GCS         33         I         A/C         A         Yes         1           Sasolines: Casinghead (natural)         GCR         33         I         A/C         A         Yes         1           Sasolines: Straight run         GSR         33         I         A/C         A         Yes         1           leptane (all isomers), see Alkanes (C6-C9) (all isomers)         HMX         31         C         C         A         Yes         1           teptane (all isomers)         HMX         31         C         D         E         A         Yes         1           teptane (all isomers)         HPX         30         C         D         E         A         Yes         1           testane (all isomers)         HPX         30         C         C         A         Yes         1           testane (all isomers)         HPX         30         C         C         A         Yes         1           testane (all isomers)         HPK         30         C         C								
Baselines: Casinghead (natural)         GCS         33         I         A/C         A         Yes         1           Baselines: Colignead (natural)         GPL         33         I         A/C         A         Yes         1           Baselines: Straight run         GSR         33         I         A/C         A         Yes         1           Ieptane (all isomers), see Alkanes (C6-C9) (all isomers)         HMX         31         C         C         A         Yes         1           Ieptanol (all isomers)         HMX         31         C         C         A         Yes         1           Ieptanol (all isomers)         HMX         30         C         C         A         Yes         1           Ieptanol (all isomers)         HMX         30         C         C         A         Yes         1           Ieptanol (all isomers)         HMX         31         C         B/C         A         Yes         1           Iestane (all isomers)         HX         30         C         C         A         Yes         1           Iestane (all isomers)         HX         30         C         C         A         Yes         1           <				1				1
Baselines: Polymer         GPL         33         I         A/C         A         Yes         1           Baselines: Straight run         GSR         33         I         A/C         A         Yes         1           Beptanol call isomers), see Alkanes (C6-C9) (all isomers)         HFP         4         D         E         A         Yes         1           Ieptanol (all isomers)         HTX         20         C         D/E         A         Yes         1           Ieptanol (all isomers)         HTX         20         C         D/E         A         Yes         1           Ieptanol (all isomers)         HTX         20         C         D/E         A         Yes         1           Ieptanol (all isomers)         HTX         20         C         D/E         A         Yes         1           Iestanol (all isomers)         HXX         31         C         B         A         Yes         1           Iestanol (all isomers)         HXX         30         C         C         A         Yes         1           Iestanol         HXX         30         C         C         A         Yes         1           Iestanol <t< td=""><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td>1</td></t<>				1				1
Sasolines: Straight run         GSR         3.3         I         A/C         A         Yes         1           leptane (all isomers), see Alkanes (C6-C9) (all isomers)         HMX         31         C         C         A         Yes         1           leptane (all isomers), see Alkanes (C6-C9) (all isomers)         HTX         20         C         D/E         A         Yes         1           leptane (all isomers)         HTX         20         C         D/E         A         Yes         1           leptane (all isomers)         HTX         20         C         D/E         A         Yes         1           leptane (all isomers)         HTX         30         C         C         A         Yes         1           lexanoic acid         HPE         34         B         E         A         Yes         1           lexanoic acid         HXN         20         D         D         A         Yes         1           lexanoic acid         HXN         20         D         D         A         Yes         1           lexanoic acid         HXN         20         D         D         A         Yes         1           lexanoic acid<	- · · · ·			i				1
HMX         31         C         C         A         Yes         1           teptanoic acid         HEP         4         D         E         A         Yes         1           teptanoic acid         HTX         20         C         D/E         A         Yes         1           teptanoic acid         HTX         20         C         D/E         A         Yes         1           teptanoic acid         HTX         20         C         D/E         A         Yes         1           teptanoic acid         HPK         34         B         E         A         Yes         1           texanoic acid         HXO         4         D         E         A         Yes         1           texanoic acid         HXN         20         D         D         A         Yes         1           texanoic acid         HXN         20         D         D         A         Yes         1           texanoic acid         HXN         20         D         D         A         Yes         1           texanoic acid         HXN         20         D         D         A         Yes         1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
HEP         4         D         E         A         Yes         1           teptanol (all isomers)         HTX         20         C         D/E         A         Yes         1           teptanol (all isomers)         HPX         30         C         C         A         Yes         1           teptanol (all isomers)         HPX         30         C         C         A         Yes         1           teptanol (all isomers), see Alkanes (C6-C9)         HXS         31         C         B         E         A         Yes         1           texanoic acid         HXO         4         D         E         A         Yes         1           texanoic acid         HXO         4         D         E         A         Yes         1           texanoic acid         HXN         20         D         D         A         Yes         1           texanoic acid         HXN         20         D         D         A         Yes         1           texanoic acid         HXN         20         D         D         A         Yes         1           texylene glycol         C         C         A         Yes				C				
HTX         20         C         D/E         A         Yes         1           teptanol (all isomers)         HPX         30         C         C         A         Yes         2           teptanol (all isomers)         HPZ         30         C         C         A         Yes         1           teptanol (all isomers)         HPE         34         B         E         A         Yes         1           texanol cacid         HXO         4         D         E         A         Yes         1           texanol cacid         HXN         20         D         D         A         Yes         1           texanol cacid         HXN         20         D         D         A         Yes         1           texanol cacid         HXN         20         D         D         A         Yes         1           texanol cacid         HXS         30         C         C         A         Yes         1           texanol cacid         HXG         20         III         E         A         Yes         1           texanol cacid         HXG         20         III         E         A         Yes								
Additional function         HPX         30         C         C         A         Yes         2           teptine (all isomers). see Alkanes (C6-C9)         HPE         34         B         E         A         Yes         1           texane (all isomers). see Alkanes (C6-C9)         HXS         31 <sup>2</sup> C         B/C         A         Yes         1           texane (all isomers). see Alkanes (C6-C9)         HXS         31 <sup>2</sup> C         B/C         A         Yes         1           texanol         HXO         4         D         E         A         Yes         1           texanol         HXN         20         D         D         A         Yes         1           texanol         HXN         20         C         C         A         Yes         1           texanol         HXG         20         III         E         A         Yes         1           texanol         HYG         30         C         C         A         Yes         1           texanol         HYG         33         I         D         A         Yes         1           textylene glycol         JPF         33	•							
HPE         34         B         E         A         Yes         1           texane (all isomers). see Alkanes (C6-C9)         HXS         31 <sup>2</sup> C         B/C         A         Yes         1           texanoi         HXO         4         D         E         A         Yes         1           texanoi         HXN         20         D         D         A         Yes         1           texanoi         HXN         20         D         D         A         Yes         1           texanoi         HXN         20         D         D         A         Yes         1           texene (all isomers).         HXG         20         III         E         A         Yes         1           texene (all isomers).         HXG         20         III         E         A         Yes         1           texanoice         IIII         18 2         D         E         A         Yes         1           texanoice (all isomers).         JPY         33         I         D         A         Yes         1           textifuel: JP-4         JPY         33         I         D         A         Yes<								
HXS         31 2         C         B/C         A         Yes         1           Hexan (all isomers), see Alkanes (C6-C9)         HXO         4         D         E         A         Yes         1           Hexan (all isomers)         HXO         4         D         E         A         Yes         1           Hexan (all isomers)         HXX         20         D         D         A         Yes         1           Hexen (all isomers)         HEX         30         C         C         A         Yes         1           Hexen (all isomers)         HEX         30         C         C         A         Yes         1           Hexen (all isomers)         HEX         30         C         C         A         Yes         1           Hexen (all isomers)         HXX         20         III         E         A         Yes         1           sophorone         IPH         18.2         D         E         A         Yes         1           let fuel: JP-5 (kerosene, heavy)         JPY         33         I         D         A         Yes         1           dethyl actate         MTT         34         III         <								
HXO       4       D       E       A       Yes       1         Hexanol       HXN       20       D       D       A       Yes       1         Hexene (all isomers)       HEX       30       C       C       A       Yes       2         Hexylene glycol       HXG       20       III       E       A       Yes       1         sophorone       IPH       18.2       D       E       A       Yes       1         let fuel: JP-4       JPF       33       I       E       A       Yes       1         let fuel: JP-5 (kerosene, heavy)       JPV       33       I       D       A       Yes       1         ketnyl acctate       MRS       33       I       D       A       Yes       1         wetnyl acctate       MAL       20.2       D       C       A       Yes       1         wetnyl acctate       MAL       20.2       D       C       A       Yes       1         wetnyl acctate       MAL       20       C       D       A       Yes       1         wetnyl anyl ketone       MAA       20       C       D       A								
Hexanol       HXN       20       D       D       A       Yes       1         Hexano (all isomers)       HEX       30       C       C       A       Yes       2         texplene glycol       HXG       20       III       E       A       Yes       1         sophorone       IPH       18 <sup>2</sup> D       E       A       Yes       1         let fuel: JP-4       JPF       33       I       E       A       Yes       1         let fuel: JP-5 (kerosene, heavy)       JPV       33       I       D       A       Yes       1         kerosene       KRS       33       I       D       A       Yes       1         wethyl acetate       MTT       34       III       D       A       Yes       1         wethyl alcohol       MAL       20 <sup>2</sup> D       C       A       Yes       1         wethyl anyl acetate       MAA       20       C       D       A       Yes       1         wethyl anyl acohol       MAA       20       C       D       A       Yes       1         wethyl anyl ketone       MAK       18       D <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
Hexene (all isomers)       HEX       30       C       C       A       Yes       2         Hexylene glycol       HXG       20       III       E       A       Yes       1         sophorone       IPH       18 <sup>2</sup> D       E       A       Yes       1         let fuel: JP-4       JPF       33       I       E       A       Yes       1         let fuel: JP-5 (kerosene, heavy)       JPV       33       I       D       A       Yes       1         Kerosene       KRS       33       I       D       A       Yes       1         Aethyl acetate       MTT       34       III       D       A       Yes       1         Aethyl alcohol       MAL       20 <sup>2</sup> D       C       A       Yes       1         Aethyl anyl acetate       MAC       34       C       D       A       Yes       1         Aethyl anyl acetate       MAC       34       C       D       A       Yes       1         Aethyl anyl ketone       MAA       20       C       D       A       Yes       1         Aethyl anyl ketone       MAK       18       D </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
HXG       20       III       E       A       Yes       1         fexylene glycol       IPH       18 <sup>2</sup> D       E       A       Yes       1         sophorone       JPF       33       I       E       A       Yes       1         let fuel: JP-4       JPF       33       I       D       A       Yes       1         let fuel: JP-5 (kerosene, heavy)       JPV       33       I       D       A       Yes       1         Kerosene       KRS       33       I       D       A       Yes       1         Aethyl acetate       MTT       34       III       D       A       Yes       1         Aethyl alcohol       MAL       20 <sup>2</sup> D       C       A       Yes       1         Aethyl amyl acetate       MAC       34       C       D       A       Yes       1         Aethyl amyl acohol       MAA       20       C       D       A       Yes       1         Aethyl amyl ketone       MAK       18       D       C       A       Yes       1         Aethyl hyly ketone       MBK       18       D       C       A								
sophorone       IPH       18 <sup>2</sup> D       E       A       Yes       1         let fuel; JP-4       JPF       33       I       E       A       Yes       1         let fuel; JP-5 (kerosene, heavy)       JPV       33       I       D       A       Yes       1         Kerosene       KRS       33       I       D       A       Yes       1         Methyl acetate       MTT       34       III       D       A       Yes       1         Methyl acetate       MAL       20 <sup>2</sup> D       C       A       Yes       1         Methyl acetate       MAC       34       C       D       A       Yes       1         Methyl anyl acetate       MAC       34       C       D       A       Yes       1         Methyl anyl ketone       MAA       20       C       D       A       Yes       1         Methyl anyl ketone       MAK       18       D       D       A       Yes       1         Methyl lutyl ketone       MBK       18       D       C       A       Yes       1         Methyl heptyl ketone       MEK       18 <sup>2</sup>								
JPF       33       I       E       A       Yes       1         let fuel: JP-5 (kerosene, heavy)       JPV       33       I       D       A       Yes       1         Kerosene       KRS       33       I       D       A       Yes       1         Methyl acetate       MTT       34       III       D       A       Yes       1         Methyl acetate       MTT       34       III       D       A       Yes       1         Methyl acetate       MAL       20 2       D       C       A       Yes       1         Methyl acetate       MAC       34       C       D       A       Yes       1         Methyl anyl acetate       MAC       34       C       D       A       Yes       1         Methyl anyl acetate       MAC       34       C       D       A       Yes       1         Methyl anyl ketone       MAK       18       D       D       A       Yes       1         Methyl butyr ketone       MBK       18       D       C       A       Yes       1         Methyl butyr ketone       MEK       18 2       III       C								
JPV       33       I       D       A       Yes       1         Kerosene       KRS       33       I       D       A       Yes       1         Methyl acetate       MTT       34       III       D       A       Yes       1         Methyl acetate       MTT       34       III       D       A       Yes       1         Methyl acetate       MAL       20 <sup>2</sup> D       C       A       Yes       1         Methyl acetate       MAL       20 <sup>2</sup> D       C       A       Yes       1         Methylanyl acetate       MAC       34       C       D       A       Yes       1         Methylamyl acetate       MAC       34       C       D       A       Yes       1         Methylamyl acetate       MAC       34       C       D       A       Yes       1         Methylamyl acetate       MAA       20       C       D       A       Yes       1         Methylamyl ketone       MAK       18       D       C       A       Yes       1         Methyl butyl ketone       MBK       18       D       C       A						2.02	10.12	
Kerosene       KRS       33       I       D       A       Yes       1         Methyl acetate       MTT       34       III       D       A       Yes       1         Methyl acetate       MAL       20 2       D       C       A       Yes       1         Methyl alcohol       MAL       20 2       D       C       A       Yes       1         Methyl anyl acetate       MAC       34       C       D       A       Yes       1         Methyl anyl acetate       MAC       34       C       D       A       Yes       1         Methyl anyl alcohol       MAA       20       C       D       A       Yes       1         Methyl anyl ketone       MAK       18       D       D       A       Yes       1         Methyl butyl ketone       MBK       18       D       C       A       Yes       1         Methyl butyrate       MBU       34       C       C       A       Yes       1         Methyl betyl ketone       MEK       18       D       C       A       Yes       1         Methyl heptyl ketone       MHK       18       B								
Methyl acetate       MTT       34       III       D       A       Yes       1         Methyl acetate       MAL       20 2       D       C       A       Yes       1         Methyl acetate       MAC       34       C       D       A       Yes       1         Methylamyl acetate       MAC       34       C       D       A       Yes       1         Methylamyl alcohol       MAA       20       C       D       A       Yes       1         Methyl amyl ketone       MAK       18       D       D       A       Yes       1         Methyl butyl ketone       MBE       41 2       D       C       A       Yes       1         Methyl butyl ketone       MBK       18       D       C       A       Yes       1         Methyl butyl ketone       MBU       34       C       C       A       Yes       1         Methyl butyl ketone       MEK       18       D       C       A       Yes       1         Methyl heptyl ketone       MEK       18 2       III       C       A       Yes       1         Methyl heptyl ketone       MHK       18				i				
Methyl alcohol       MAL       20 <sup>2</sup> D       C       A       Yes       1         Methyl anyl acetate       MAC       34       C       D       A       Yes       1         Methylamyl alcohol       MAA       20       C       D       A       Yes       1         Methyl amyl ketone       MAK       18       D       D       A       Yes       1         Methyl tert-butyl ether       MBE       41 <sup>2</sup> 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         Methyl butyrate       MBU       34       C       C       A       Yes       1         Methyl hetyl ketone       MEK       18 <sup>2</sup> III       C       A       Yes       1         Methyl hetyl ketone       MHK       18       B       D       A       Yes       1         Methyl isobutyl ketone       MIK       18 <sup>2</sup> D       C       A       Yes       1				i				
Methylamyl acetate         MAC         34         C         D         A         Yes         1           Methylamyl alcohol         MAA         20         C         D         A         Yes         1           Methylamyl alcohol         MAA         20         C         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         C         C         A         Yes         1           Methyl hetyl ketone         MEK         18 ²         III         C         A         Yes         1           Methyl heptyl ketone         MEK         18 ²         III         C         A         Yes         1           Methyl isobutyl ketone         MIK         18 ²         D         A         Yes         1								
Methylamyl alcohol       MAA       20       C       D       A       Yes       1         Methyl amyl ketone       MAK       18       D       D       A       Yes       1         Methyl amyl ketone       MBE       41 °       D       C       A       Yes       1         Methyl tert-butyl ether       MBE       41 °       D       C       A       Yes       1         Methyl butyl ketone       MBK       18       D       C       A       Yes       1         Methyl butyl ketone       MBU       34       C       C       A       Yes       1         Methyl hethyl ketone       MEK       18 °       III       C       A       Yes       1         Methyl hethyl ketone       MHK       18 °       B       D       A       Yes       1         Methyl heptyl ketone       MHK       18 °       B       D       A       Yes       1         Methyl isobutyl ketone       MIK       18 °       D       C       A       Yes       1								
Methyl amyl ketone       MAK       18       D       D       A       Yes       1         Methyl tert-butyl ether       MBE       41 <sup>2</sup> D       C       A       Yes       1         Methyl butyl ketone       MBK       18       D       C       A       Yes       1         Methyl butyl ketone       MBU       34       C       C       A       Yes       1         Methyl betyl ketone       MEK       18 <sup>2</sup> III       C       A       Yes       1         Methyl heptyl ketone       MHK       18       B       D       A       Yes       1         Methyl heptyl ketone       MHK       18       B       D       A       Yes       1         Methyl isobutyl ketone       MHK       18 <sup>2</sup> D       C       A       Yes       1	A							
Methyl tert-butyl ether         MBE         41 <sup>2</sup> D         C         A         Yes         1           Methyl butyl ketone         MBK         18         D         C         A         Yes         1           Methyl butyrate         MBU         34         C         C         A         Yes         1           Methyl betyl ketone         MEK         18 <sup>2</sup> III         C         A         Yes         1           Methyl heptyl ketone         MHK         18         B         D         A         Yes         1           Methyl isobutyl ketone         MIK         18 <sup>2</sup> D         C         A         Yes         1								
Methyl butyl ketone         MBK         18         D         C         A         Yes         1           Methyl butyrate         MBU         34         C         C         A         Yes         1           Methyl butyrate         MBU         34         C         C         A         Yes         1           Methyl bethyl ketone         MEK         18.2         III         C         A         Yes         1           Methyl heptyl ketone         MHK         18.8         B         D         A         Yes         1           Methyl isobutyl ketone         MIK         18.2         D         C         A         Yes         1								
Methyl butyl ketone         MBK         18         D         C         A         Yes         1           Methyl butyrate         MBU         34         C         C         A         Yes         1           Methyl ethyl ketone         MEK         18 <sup>2</sup> III         C         A         Yes         1           Methyl heptyl ketone         MHK         18         B         D         A         Yes         1           Methyl isobutyl ketone         MIK         18 <sup>2</sup> D         C         A         Yes         1								
Methyl ketone         MEK         18 <sup>2</sup> III         C         A         Yes         1           Methyl heptyl ketone         MHK         18         B         D         A         Yes         1           Methyl isobutyl ketone         MIK         18 <sup>2</sup> D         C         A         Yes         1	hetnyi butyi ketone							
Methyl heptyl ketone         MHK         18         B         D         A         Yes         1           Methyl isobutyl ketone         MIK         18         2         D         C         A         Yes         1								
Methyl isobutyl ketone MIK 18 <sup>-2</sup> D C A Yes 1								
	Vietnyl isobutyl ketone Viethyl naphthalene (molten)			A	E	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: PBL 2402 Official #: 558338

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Shipyard: DRAVO Hull #: 6326

Cargo Identification	Cargo Identification							Conditions of Carriage				
		Chart	Carrie	IMO Pollution		T1		ecovery				
Name		Chem Code	Compat Group No	Category	Grade	Tank Group	App'd (Y or N)	VCS Category				
Mineral spirits		MNS	33	I	D	А	Yes	1				
Myrcene		MRE	30	D	D	А	Yes	1				
Naphtha: Heavy		NAG	33	@	#	Α	Yes	1				
Naphtha: Petroleum	27	PTN	33	1	#	А	Yes	1				
Naphtha: Solvent		NSV	33	@I	D	Α	Yes	1				
Naphtha: Stoddard solvent		NSS	33	@I	D	А	Yes	1				
Naphtha: Varnish makers and painters (75%)		NVM	33	@I	С	А	Yes	1				
Nonane (all isomers), see Alkanes (C6-C9)		NAX	31	С	D	Α	Yes	1				
Nonene (all isomers)		NON	30	В	D	А	Yes	2				
Nonyl alcohol (all isomers)		NNS	20 <sup>2</sup>	С	Е	А	Yes	1				
Nonyl phenol		NNP	21	А	Е	А	Yes	1				
Nonyl phenol poly(4+)ethoxylates		NPE	40	В	Е	А	Yes	1				
Octane (all isomers), see Alkanes (C6-C9)		OAX	31	С	С	А	Yes	1				
Octanoic acid (all isomers)		OAY	4	D	Е	А	Yes	1				
Octanol (all isomers)		OCX	20 <sup>2</sup>	С	Е	А	Yes	1				
Octene (all isomers)		отх	30	В	С	А	Yes	2				
Oil, fuel: No. 2		OTW	33	Ĭ.	D/E	А	Yes	1				
Oil, fuel: No. 2-D		OTD	33	I	D	А	Yes	1				
Oil, fuel: No. 4		OFR	33	I	D/E	А	Yes	1				
Oil, fuel: No. 5	14	OFV	33	1	D/E	А	Yes	1				
Oil, fuel: No. 6		OSX	33	I	Е	А	Yes	1				
Oil, misc: Crude		OIL	33	I	C/D	А	Yes	1				
Oil, misc: Diesel		ODS	33	1	D/E	А	Yes	1				
Oil, misc. Gas, high pour		OGP	33	@I	Е	А	Yes	1				
Oil, misc: Lubricating		OLB	33		E	А	Yes	1				
Oil, mise: Residual		ORL	33	I	E .	А	Yes	1				
Oil, mise: Turbine		OTB	33	1	Е	А	Yes	1				
Pentane (all isomers)		PTY	31	С	А	А	Yes	5				
Pentene (all isomers)		PTX	30	С	A	А	Yes	5				
alpha-Pinene		PIO	30	А	D	A	Yes	1				
beta-Pinene		PIP	30	В	D	А	Yes	1				
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether		PAG	40	D	Е	А	Yes	1				
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether acetate		PAF	34	D	E	А	Yes	1				
Polybutene		PLB	30	Ш	Е	А	Yes	1				
		PGC	40	D	E	А	Yes	1				
Polypropylene glycol		IAC	34		С	A	Yes	1				
iso-Propyl acetate		PAT	34	D	С	A	Yes	1				
iso-Propyl alcohol		IPA	20 <sup>2</sup>		С	А	Yes	1				
n-Propyl alcohol		PAL	20 <sup>2</sup>	Ш	С	А	Yes	1				
Propylbenzene (all isomers)		PBY	32	А	D	А	Yes	1				
iso-Propylcyclohexane		IPX	31	С	D	A	Yes	1				
Propylene glycol		PPG	20 <sup>2</sup>		E	A	Yes	1				
Propylene glycol Propylene glycol ether acetate		PGN		D	D	A	Yes	1				
		PTT	30	В	D	A	Yes	1				
Propylene tetramer	2	SFL	39	D	E	A	Yes	1				
Sulfolane		THN	32	C	E	A	Yes	1				
Tetrahydronaphthalene		TOL	32	C	C	A	Yes	1				
Toluene		IUL	52	0	5	~	100					

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Serial #: C1-0902516 Dated:: 14-Sep-09

# Certificate of Inspection Cargo Authority Attachment

Vessel Name: PBL 2402 Official #: 558338

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Shipyard: DRAVO Hull #: 6326

Cargo Identification	1				Conditions of Carriage				
	Chem	Compat	IMO Pollution		Tank	App'd	Recovery VCS		
Name	Code	Group No	Category	Grade	Group	(Y or N)	Category		
Fricresyl phosphate (less than 1% of the ortho isomer)	TCP	34	А	Е	А	Yes	1		
Friethylbenzene	TEB	32	· A	Е	А	Yes	1		
Frimethylbenzene (all isomers)	TRE	32	А	{D}	А	Yes	. 1		
Trixylenyl phosphate	TRP	34	Α	Е	А	Yes	1		
Jndecene	UDC	30	В	D/E	А	Yes	1		
I-Undecyl alcohol	UND	20	В	Е	А	Yes	1		
Xylenes (ortho-, meta-, para-)	XLX	32	С	D	А	Yes	1		



# **Certificate of Inspection** Cargo Authority Attachment

Vessel Name: PBL 2402 Official #: 558338

Page 5 of 5

Shipyard: DRAVO Hull #: 6326

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

Name	fication	The proper shipping name as listed in 46 CFR Table 30.25-1, 46 CFR Table 151.05, and 46 CFR Part 153 Table 2.
Chem Code		The proper shipping hame as listed in 46 CFR Table 30.25-1, 46 CFR Table 151.05, and 46 CFR Part 155 Table 2. The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
Chem Code		Certain mixtures of cargoes may not have a CHRIS Code assigned.
Compatabili	ty 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.
	Note 1 Note 2	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 (G-MSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001. Telephone (202) 267-1217.
	Note 2	See Appendix I to 46 CFR Part 150 - exceptions to the compatability chart.
Subchapter	Subchapter D Subchapter O Note 3	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.
Grade	A, B, C D, E	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. Flammable liquid cargoes, as defined in 46 CFR 30-10.22.
	Note 4 NA #	Combustible liquid cargoes, as defined in 46 CFR 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.
Hull Type	· I II III	The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1. Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 46 CFR 151.10-1(b)(1). Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3). Designed to carry products of sufficient hazard to require a moderate degree of control. See 46 CFR 151.10-1(b)(4).
	NA	Not applicable to barges certificated under Subchapter D.
Conditions o	f Carriage	
Tank Group Vapor Reco		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.
Approved		Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo.
	8	No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo.
VCS Cat Categ		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 156.750, 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.
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Categ	oory 1 Jory 2	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 components 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 biping and cargo tanks. The method shall be acceptable to the local Officer in Charge, Marine
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Categ Categ Categ	jory 2 	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 156.750, 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 components 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.
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U.S. Department of Homeland Security

United States Coast Guard



Commander Sector Houston-Galveston United States Coast Guard 13411 Hillard Dr. Houston, TX 77034 Staff Symbol: s Phone: (281) 464-4758 Email: reid.a.deleon@uscg.mil

16711

Kirby Inland Marine, LP Attn: Mr. Robert Jones 18350 Market Street Channelview, Texas 77530

Subj: APPROVAL LETTER FOR ACCEPTANCE OF NEW KIRBY BARGES TO THE TANK BARGE STREAMLINED INSPECTION PROGRAM (TBSIP).

Dear Mr. Jones:

This is in response to your letter dated March 31, 2020, wherein you intend to add 89 newly acquired barges to your fleet to be inspected under the TBSIP guidelines. Each new barge shall be covered within the Company Action Plan (CAP) as well as a Tank Barge Action Plan (TAP). This letter will serve as acceptance of the barges into the program. Please place a copy of this letter on each barge.

Thank you for your commitment to a continuing partnership with the Coast Guard. If you have any questions, please contact your U.S. Coast Guard TBSIP Advisor, LT Reid DeLeon, at (281) 464-4758 or <u>Reid.A.Deleon@uscg.mil</u>.

Sincerely,

N. D. Rodriguez Commander, U.S. Coast Guard By Direction, Officer in Charge, Marine Inspection



#### KIRBY INLAND MARINE MAINTENANCE DIV. 18350 MARKET STREET CHANNELVIEW, TX 77530

March 31, 2020

U.S.C.G. Commanding Officer Marine Safety Office 13411 Hilliard St. Houston, TX 77034

#### **RE: Kirby Barges Requesting Entry into TBSIP Program**

To Whom It May Concern:

We respectfully request approval to enroll the newly acquired barges to our fleet to be inspected under the TBSIP guidelines. Each new barge shall be covered within the Company Action Plan (CAP) as well as a Tank Barge Action Plan (TAP). Please see the list below:

CBR 2014	(1237668)	SMS 111	(1291702)	SMS 30025	(1234348)	SMS 30048	(1247205)	
HFL 401	(1206173)	SMS 112	(1291703)	SMS 30026	(1234349)	SMS 30049	(1247206)	
HFL 403	(1206174)	SMS 113	(1291704)	SMS 30027	(1234351)	SMS 30050	(1247207)	
HFL 409	(1237480)	SMS 114	(1291705)	SMS 30028	(1234352)	SMS 30051	(1248993)	
HFL 411	(1237481)	SMS 213	(1074634)	SMS 30029	(1234354)	SMS 30052	(1248992)	
HFL 433	(1262987)	SMS 214	(1074635)	SMS 30030	(1234355)	SMS 30053	(1249447)	
HFL 435	(1236563)	SMS 216	(1074637)	SMS 30031	(1234356)	SMS 30054	(1249745)	
PBL 1101	(531063)	SMS 217	(1074638)	SMS 30032	(1239856)	SMS 30055	(1249746)	
PBL 2401	(566651)	SMS 30007	(1216337)	SMS 30033	(1239857)	SMS 30056	(1252007)	
P8L 2402	(558338)	SMS 30010	(1216338)	SMS 30034	(1239887)	SMS 30057	(1252008)	
PBL 3001	(1130237)	SMS 30011	(1216339)	SMS 30035	(1239858)	SMS 30058	(1252009)	
PBL 3002	(1188127)	SMS 30012	(1216340)	SMS 30036	(1239859)	SMS 30059	(1252010)	
PBL 3010	(1230450)	SMS 30014	(1222699)	SMS 30037	(1239888)	SMS 30060	(1252012)	
PBL 3011	(1266446)	SMS 30015	(1222689)	SMS 30038	(1239860)	SMS 30061	(1252013)	
PBL 3026	(D1117727)	SMS 30016	(1225135)	SMS 30039	(1239861)	SMS 30062	(1251933)	
PBL 3027	(D1117728)	SMS 30017	(1229236)	SMS 30040	(1239889)	SMS 30063	(1251934)	
PBL 3421	(1241415)	SMS 30018	(1229235)	SMS 30041	(1239862)	SMS 30064	(1251935)	
PBL 3422	(D1241414)	SMS 30019	(1231348)	SMS 30042	(1239863)	SMS 30065	(1250651)	
PBL 3423	(D1244005)	SMS 30020	(1231349)	SMS 30043	(1239890)	SMS 30203	(1020952)	
SBK 1601	(538190)	SMS 30021	(1231350)	SMS 30044	(1242956)	SMS 30206	(1020937)	
SBK 2410	(553435)	SMS 30022	(1231351)	SMS 30045	{1246170}			
SMS 10000	(1192462)	SMS 30023	(1234345)	SMS 30046	(1243723)			
SMS 10001	(1255567)	SMS 30024	(1234347)	SMS 30047	(1247204)			

If you need any further information regarding this matter, please feel free to contact me at 713-435-1710.

Sincerely

Robert Jones Barge Maintenance Manager