



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

Certification Date: 05 Oct 2021

Expiration Date: 05 Oct 2026

Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V/14, for a SAFE MANNING DOCUMENT.

Vessel Name	Official Number	IMO Number	Call Sign	Service
CCL 10	551979			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
NEW ORLEANS, LA	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
NEVILLE ISLAND, PA	15Dec1974		R-773	R-773		R-195.1
UNITED STATES			I-	I-		I-0

Owner	Operator
CHEM CARRIERS LLC 1237 HIGHWAY 75 SUNSHINE, LA 70780 UNITED STATES	CHEM CARRIERS LLC 1237 HIGHWAY 75 SUNSHINE, LA 70780 UNITED STATES

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

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

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---

This vessel has been granted a fresh water service examination interval in accordance with 46 CFR 31.10-21(a) (2). If this vessel is operated in salt water more than 6 months in any 12 month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a) (1) and the cognizant OCMI notified in writing as soon as this change in status occurs.

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

With this Inspection for Certification having been completed at Baton Rouge, LA, UNITED STATES, the Officer in Charge, Marine Inspection, New Orleans, LA 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: P. J. RANERI LCDR, USCG, by direction <i>P. J. Raneri</i> Officer in Charge, Marine Inspection New Orleans, LA Inspection Zone
Date	Zone	A/P/R	Signature	
27SEP2022	BATV	A	C. J. CWD	
07NOV2023	BATV	B	P. J. RANERI	
25SEP24	BATV	P	M. B. CWD	
29NOV25	BATV	14	P. J. RANERI	



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UNITED STATES			1-	1-		1-0

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Date	Zone	A/P/R	Signature	
27SEP2022	BATV	A	C (A) CWD	
07NOV2023	BATV	A	A (A) CWD	
25SEP24	BATV	P	A (A) CWD	



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Certificate of Inspection

Vessel Name: CCL 10

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Sep2026	20Sep2016	05Feb2008
Internal Structure	30Sep2026	05Oct2021	20Sep2016

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

Authorization: FLAMMABLE, COMBUSTIBLE AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
10500	Barrels	A	Yes	No	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 C/L	606	13.50
2 C/L	623	13.50
3 C/L	615	13.50

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1811	10ft 5in	13.50	RIVERS
II	1485	9ft 0in	13.50	RIVERS; LAKES, BAYS AND SOUNDS
III	1624	9ft 7in	13.50	LAKES, BAYS AND SOUNDS
II	1485	9ft 0in	13.50	

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #C2-0402884, dated 02NOV04, and Grade "A" and lower cargoes may be carried.

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

Oil Prohibition - No Overfill Protection Devices

This vessel is not equipped with overfill protection devices and is prohibited from carrying oil products as defined in 33 CFR 151.05.

Oil Prohibition - No 30 Year Mid-Body Survey

This vessel does not meet the mid-body gauging survey requirements of 46 CFR 31.10-21(a) and is prohibited from carrying pollution category I oils listed in 46 CFR Table 30.25-1.

--- Inspection Status ---



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

Certification Date: 05 Oct 2021
Expiration Date: 05 Oct 2026

Certificate of Inspection

Vessel Name: CCL 10

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 C/L	05Feb2008	20Sep2016	30Sep2026	-	-	-
2 C/L	05Feb2008	20Sep2016	30Sep2026	-	-	-
3 C/L	05Feb2008	20Sep2016	30Sep2026	-	-	-

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 C/L	-	-	-	-
2 C/L	-	-	-	-
3 C/L	-	-	-	-

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
2	40-B

END



Department of Homeland Security
United States Coast Guard

Serial #: C2-0402884
Generated: 02-Nov-04

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CCL 10 (ex TCB 305)

Shipyard: Dravo Hull

Official #: D551976

Hull #: 6193

46 CFR 151 Tank Group Characteristics

Tank Group Information			Cargo Identification			Hull Type	Cargo Seg Tank	Tanks			Cargo Transfer		Environmental Control		Fire Protection Provided	Special Requirements		Elec Haz	Temp
Tnk Grp	Tanks in Group	Density	Press.	Temp.	Type			Vent	Gauge	Pipe Class	Cont	Tanks	Handling Space	General		Materials of Construction			
A	Three (3)	13.5	Atmos.	Amb.	II	11 211	Integral Gravity	PV	Open	II	G-1	NR	NA	Portable	40-1(f)(1), .50-70(a), .50-70(b), .50-73,	55-1(b), (c), (e), (f), (h), (j), 56-1(a), (b), (c), (d), (e), (f), (g),	NR	Yes	

- Notes: 1. Under Environmental Control, Tanks, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo tanks.
2. Under Environmental Control, Handling Space, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo handling space. NA means that the vessel does not have a cargo control space, and this requirement is not applied.
3. Under Electrical Hazard Class, NA means that the tank group is suitable only for those cargoes which have no electrical hazard class requirement. NR means that the vessel has no electrical equipment located in a hazardous location.

List of Authorized Cargoes

Cargo Identification							Conditions of Carriage			
Name	Chem Code	Compat Group	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery		Special Requirements in 46 CFR 151 General and Mat'ls of Construction	
							App'd (Y or N)	VCS Category		

Authorized Subchapter O Cargoes

Adiponitrile	ADN	37	O	E	II	A	No	N/A	No
Alkyl(C7-C9) nitrates	AKN	34 ²	O	NA	III	A	No	N/A	.50-81, .50-88
Aminoethylethanolamine	AEE	8	O	E	III	A	No	N/A	.55-1(b)
Ammonium bisulfite solution (70% or less)	ABX	43 ²	O	NA	III	A	No	N/A	.50-73, .56-1(a), (b), (c)
Anthracene oil (Coal tar fraction)	AHO	33	O	NA	II	A	No	N/A	No
Butyraldehyde (all isomers)	BAE	19	O	C	III	A	No	N/A	.55-1(h)
Camphor oil (light)	CPO	18	O	D	II	A	No	N/A	No
Carbon tetrachloride	CBT	36	O	NA	III	A	No	N/A	No
Caustic potash solution	CPS	5 ²	O	NA	III	A	No	N/A	.50-73, .55-1(j)
Caustic soda solution	CSS	5 ²	O	NA	III	A	No	N/A	.50-73, .55-1(j)
Chlorobenzene	CRB	36	O	D	III	A	No	N/A	No
Chloroform	CRF	36	O	E	III	A	No	N/A	No
Creosote	CCW	21 ²	O	E	III	A	No	N/A	No
Cresols (all isomers)	CRS	21	O	E	III	A	No	N/A	No
Cresylic acid tar	CRX		O		III	A	No	N/A	.55-1(f)
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	O	D	III	A	No	N/A	.50-60, .56-1(b)
iso-Decyl acrylate	IAI	14	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b), .55-1(c)
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	DDE	43	O	NA	III	A	No	N/A	.56-1(a), (b), (c), (g)
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution	DTI	43 ²	O	NA	III	A	No	N/A	.56-1(a), (b), (c), (g)
Diethanolamine	DEA	8	O	E	III	A	No	N/A	.55-1(c)
Diethylenetriamine	DET	7 ²	O	E	III	A	No	N/A	.55-1(c)
Diisopropanolamine	DIP	8	O	E	III	A	No	N/A	.55-1(c)
Dodecyltrimethylamine, Tetradecyltrimethylamine mixture	DOT	7	O	E	III	A	No	N/A	.56-1(b)
Ethanolamine	MEA	8	O	E	III	A	No	N/A	.55-1(c)
Ethylene cyanohydrin	ETC	20	O	E	III	A	No	N/A	No
Ethylene glycol hexyl ether	EGH	40	O	E	III	A	No	N/A	No
Ethylene glycol propyl ether	EGP	40	O	E	III	A	No	N/A	No
2-Ethylhexyl acrylate	EAI	14	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Glutaraldehyde solution (50% or less)	GTA	19	O	NA	III	A	No	N/A	No
Isoprene	IPR	30	O	A	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Kraft pulping liquors (free alkali content 3% or more)(including: Black, Green, or White liquor)	KPL	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (c), (g)
Methyl diethanolamine	MDE	8	O	E	III	A	No	N/A	.56-1(b), (c)
2-Methyl-5-ethylpyridine	MEP	9	O	E	III	A	No	N/A	.55-1(e)
Morpholine	MPL	7 ²	O	D	III	A	No	N/A	.55-1(c)
Polyethylene polyamines	PEB	7 ²	O	E	III	A	No	N/A	.55-1(e)
Iso-Propanolamine	MPA	8	O	E	III	A	No	N/A	.55-1(c)
Propanolamine (iso-, n-)	PAX	8	O	E	III	A	No	N/A	.56-1(b), (c)

*** 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 #: C2-0402884
Generated: 02-Nov-04

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CCL 10 (ex TCB 305)

Official #: D551976

Page 2 of 3

Shipyard: Dravo Hull

Hull #: 6193

Cargo Identification						Conditions of Carriage			
Name	Chem Code	Compat Group	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery		Special Requirements in 46 CFR 151 General and Mat'ls of Construction
							App'd (Y or N)	VCS Category	
Sodium acetate, Glycol, Water mixture (3% or more Sodium Hydroxide)	SAP		O		III	A	No	N/A	.50-73, .55-10)
Sodium aluminate solution (45% or less)	SAU	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (b), (c)
Sodium chlorate solution (50% or less)	SDD	0 1,2	O	NA	III	A	No	N/A	.50-73
Sodium sulfide, hydrosulfide solution (H2S 15 ppm or less)	SSH	0 1,2	O	NA	III	A	No	N/A	.50-73, .55-1(b)
Styrene monomer	STY	30	O	D	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Tetraethylenepentamine	TTP	7	O	E	III	A	No	N/A	.55-1(c)
Triethanolamine	TEA	8 2	O	E	III	A	No	N/A	.55-1(b)
Triethylenetetramine	TET	7 2	O	E	III	A	No	N/A	.55-1(b)
Triphenylborane (10% or less), caustic soda solution	TPB	5	O	NA	III	A	No	N/A	.56-1(a), (b), (c)
Trisodium phosphate solution	TSP	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (c)
Vanillin black liquor (free alkali content, 3% or more)	VBL	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (c), (g)
Vinyl acetate	VAM	13	O	C	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Vinyl neodecanate	VND	13	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b)



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **CCL 10 (ex TCB 305)**

Official #: D551976

Page 3 of 3

Shipyard: Dravo Hull

Hull #: 6193

Explanation of terms & symbols used in the Table:

Cargo Identification

Name	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 none	The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual. Certain mixtures of cargoes may not have a CHRIS Code assigned.
Compatibility 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	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 compatibility 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	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.
A, B, C D, E Note 4	Flammable liquid cargoes, as defined in 46 CFR 30-10.22. 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.
NA #	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 NA	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). Not applicable to barges certificated 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 "46 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, 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.
Category 2	(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.
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 46 CFR 39.20-9. This requirement is in addition to the requirements of Category 1.
Category 4	(Polymerizes 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-air mixture densities 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 polymerizes) Must comply with requirements of Categories 1, 2 and 5.
none	The cargo has not been evaluated/classified for use in vapor control systems.

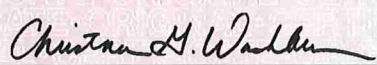


UNITED STATES OF AMERICA

DEPARTMENT OF HOMELAND SECURITY
UNITED STATES COAST GUARD

NATIONAL VESSEL DOCUMENTATION CENTER

CERTIFICATE OF DOCUMENTATION


VESSEL NAME CCL 10		OFFICIAL NUMBER 551979	IMO OR OTHER NUMBER 6193	YEAR COMPLETED 1974	
HAILING PORT NEW ORLEANS LA		HULL MATERIAL STEEL		MECHANICAL PROPULSION NO	
GROSS TONNAGE 773 GRT	NET TONNAGE 773 NRT	LENGTH 195.1	BREADTH 35.1	DEPTH 10.0	
PLACE BUILT NEVILLE ISLAND PA					
OWNERS CHEM CARRIERS LLC COMPRISED OF ONE MEMBER		OPERATIONAL ENDORSEMENTS COASTWISE			
MANAGING OWNER CHEM CARRIERS LLC 1237 HIGHWAY 75 SUNSHINE LA 70780					
RESTRICTIONS NONE					
ENTITLEMENTS NONE					
REMARKS NONE					
ISSUE DATE OCTOBER 10, 2025		 DIRECTOR, NATIONAL VESSEL DOCUMENTATION CENTER			
THIS CERTIFICATE EXPIRES NOVEMBER 30, 2026					





National Pollution Funds Center

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VESSEL NAME	VESSEL TYPE	HULL TYPE	GROSS TONNAGE	COFR NUMBER	EFFECTIVE DATE	EXPIRATION DATE	COFR APPLICANT	VIN	INSURANCE CANCEL FLAG
 CCL 10	TANKBARGE D		773	841310 - 21	12/12/2023	12/12/2026	CHEM CARRIERS, L.L.C	D551979	

< Prev Next >

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Version 3.7 -- This version is designed for Internet Explorer, Edge, Chrome, Firefox and Safari.



Cargo Piping Test Letter

Note: Test results are valid for (1) year from date of test!

Date: <u>7/16/2025</u>	M.A.W.P.:	<u>125 psi</u>
Vessel: <u>CCL - 10</u>	Method of Test:	<u>AIR</u>
Owner: <u>Chem Carriers, LLC</u>	Testing Location:	<u>VLS Marine Services Plaquemine</u>
Address: <u>1237 HWY 75</u>	Physical Address:	<u>1070 River Rd</u>
<u>Sunshine, LA 70708</u>		<u>Sunshine, LA 70780</u>

TRANSFER SYSTEM TESTING DATA

**** Fill out completely. Write N/A on any non-applicable line. ****

Date:	Barge Piping:	Results	Note:
7/16/2025	Cargo piping & valves	187.5 p.s.i	
7/16/2025	Cargo pressure gauges	98% % accurate	
7/16/2025	Steam piping & valves	125 p.s.i	

Note: Test each pressure gauges annually, accurate within 10 percent. Test each remote controlled operating or indicating equipment such as remotely operated valve, tank alarm, or emergency shutdown device. 33 CFR 156.170(c)(2) & 46 CFR 35.35-70(b)

SIGNATURES

I credit that the tests contained herein were conducted in compliance with 33 CFR 156.170, 46 CFR 35.35-70.

Tester name:	<u>Ricardo Silva</u>
Tester signature:	<u>Ricardo Silva</u>

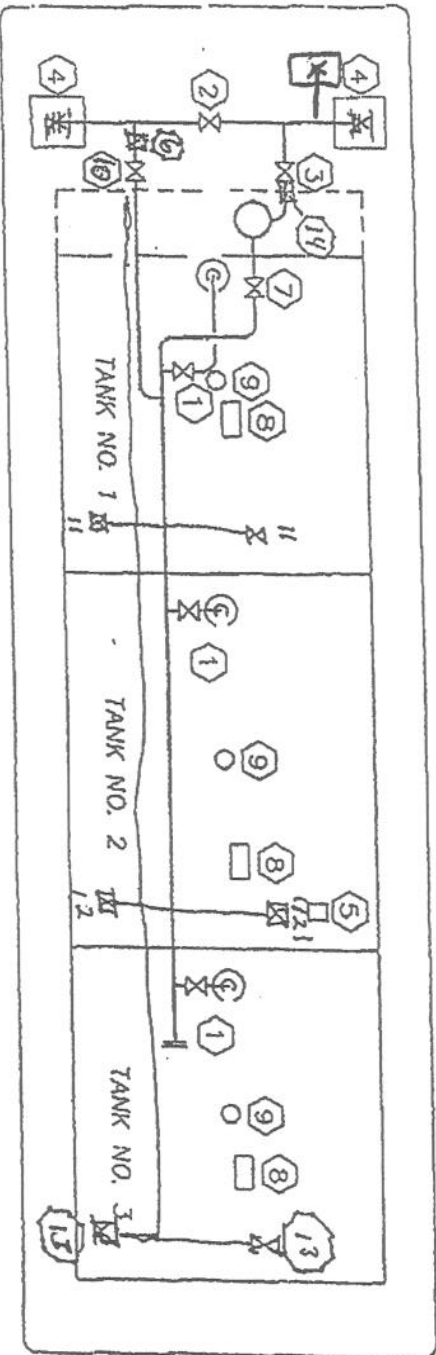
VLS Recovery Services

Committed to providing the most reliable, efficient, and cost-effective recovery services for waste management, railcar cleaning, marine cleaning, marine repairs & industrial cleaning

CCL-10

- 1 - 8" CARGO TANK VALVE
- 2 - 8" HEADER CROSSOVER VALVE
- 3 - 6" DISCHARGE VALVE
- 4 - DRIP PAN
- 5 - REMOTE ENG. SHUTDOWN
- 6 - 8" CARGO FILL VALVE
- 7 - PUMP BLOCK VALVE
- 8 - P/V VALVE
- 9 - 8" ULLAGE
- 10 - 4" Overhead Load Valve
- 11 - #1 Cargo Tank Overhead
- 12 - #2 Cargo Tank Overhead
- 13 - #3 Cargo Tank Overhead

14-8" check Valve



CARGO PIPING

CCL-10

CARGO TRANSFER PROCEDURES

CHEM CARRIERS L.L.C.

TRANSFER FROM BARGE TO DOCK

PARTS

1. **PRODUCTS TRANSFERRED**
2. **DESCRIPTION OF SYSTEM**
3. **PERSONS ON DUTY**
4. **PERSONS IN CHARGE**
5. **EMERGENCY SHUTDOWN**
6. **TOPPING OFF PROCEDURE**
7. **COMPLETION OF TRANSFER**
8. **REPORTING CARGO SPILLS**
9. **VESSEL CLOSURES**
10. **PRODUCT DATA**
Barge CCL 10

PARTS 1. PRODUCTS TRANSFERRED

33 CFR 155.750 (a) (1) (i)

This vessel is certificated for the carriage of grades "A" and lower Sub-Chapter (D) and (O) Products. Reference Certificate of Inspection.

PARTS 2. DESCRIPTION OF CARGO TRANSFER SYSTEM

33 CFR 155.750 (a) (2) (i) (ii)

The standard cargo transfer procedures apply to all Chem Carrier L.L.C. owned or leased tank barges. In most cases other than series built barges, the cargo piping arrangement is usually slightly different on every barge, and for this reason, the piping diagram must be studied before loading or discharging a barge. The basic concept for loading and discharging is fairly standard depending on the location of the pump.

A. (Reference the piping diagram for transfer system arrangement.)

B. PROCEDURES FOR THE CONTAINMENT SYSTEM

33 CFR 155.310 (a) (1) (iv)

33 CFR 155.750 (a) (2) (iii)

- 1). The containment pans are equipped with a drain for the removal of slops to shore facilities:

NEVER DRAIN THE CONTAINMENT TANKS ONTO THE DECK.

PARTS 3. PERSONS ON DUTY DURING TRANSFER

33 CFR 155.750 (a) (3)

Number of persons required to be on duty during transfer operations:

- A. At no time during the transfer operation will be less than one responsible person on duty. The certified tankerman assigned shall be in charge and responsible for the safe transfer of cargo.

PARTS 4. PERSONS IN CHARGE

The tankerman (person in charge) is responsible for transferring cargo and carrying out related operations on board in an efficient, safe, and pollution free manner. The tankerman whether employed by the towboat, owner, operator, a shore tankerman service, or Chem Carriers L.L.C., shall comply with all Coast Guard, State and local regulations. Tankerman's responsibility shall include but not be limited to the following:

- A. To have on his/her person a valid merchant marine document endorsed as tankerman, certified to handle the grade of cargo to be transferred.
- B. Make a thorough inspection of the barge prior to the start of transfer operation.
- C. To have proper connection of the grounding cable.
- D. The vessel's moorings are adequate to hold during all expected conditions of surge, current, wind, tide, ect., and lines are long enough to allow for surge, tide, wind, changes in draft ect.
- E. Proper hose sizes, lengths, support, and connections.
- F. The condition of fire extinguishers and required number.
- F. The person in charge of transfer operations on the transferring vessel or facility and the person in charge of transferring operations on the receiving vessel or facility agree to begin the transfer operations.
- H. The transfer operation between tank barges and dock facilities should be lighted between sunset and sunrise to comply with the U. S. Coast Guard regulation pertaining to the displaying of lights on barges as required by Title 33.

PARTS 5: EMERGENCY SHUTDOWN

33 CFR 155.750 (a) (6)

THE EMERGENCY SHUTDOWN IS LOCATED NEAR THE CENTER OF THE BARGE.

- A. In the event of an emergency, transfer operations can be stopped by pulling the remote shutdown cable.
- B. Familiarize yourself with its location and operation prior to transfer.

PARTS 6; TOPPING OFF PROCEDURES

33 CFR 155.750 (a) (7)

In the process of topping off, tanks should be loaded at different levels to top off one at a time. Extra care should be taken to avoid over pressuring the connections, and hoses by closing valves against the receiving line. Since barges and facilities vary in their systems, no standard for topping off exist, but the following should be considered:

- A. The closing of one tank increases the rate of flow to other tanks on the same line.
- B. Always consider temperature and cargo in accordance with the amount of expansion that should be allowed.
- C. Always maintain communications with dock or shore personnel.
- D. CCL 10 is equipped with an overhead load line with (2) load valve(s) for each cargo tank. This line is intended for use in the caustic soda trade to load over frozen sumps.

PARTS 7: COMPLETION OF TRANSFER

33 CFR 155.750 (a) (8)

Upon the completion of the transfer all pipelines should be vented and drained into cargo tanks. The header valve used during the operation should than be closed, sealed off with a blind flange securing all bolt holes with bolts and nuts. Shore personnel should seal lines and hatches on vessel.

PARTS 8:

REPORTING CARGO SPILLS

33 CFR 155.750 (a) (9)

Should an accidental discharge of product occur, you should consider the following:

- A. Locate the source of the spill and try to stop it, if possible, and safe to do so.
- B. Make an attempt to contain the product if possible.
- C. Notify the Coast Guard. The national Response Center at 1-800-424-9300.
- D. Notify Chem Carriers L.L.C. at (225) 642-0060
- E. If loading, transfer the cargo from the leaking tank to an adjacent tank or back to the dock if safe to do so.
- F. If discharging, pump the product from the leaking tank as quickly as possible if safe to do so.

***When reporting a spill, the tankerman should provide the following information:**

- A. Name (his or her)
- B. Name of Company: (employed by;
(contracted by;
- C. Name of Barge.
- D. Spill Location
- E. Specify Product.
- F. Estimate Quantity of Spill
- G. Weather, Tide, Sea and Current Conditions.
- H. Cause of Spill.
- I. Action Being Taken to Contain and Stop Spill

PART 9

CLOSURES ON VESSELS

Upon completion of cargo transfer operations, all tank hatch covers, ullage covers, and gauging device covers shall be dogged down and secured. In addition, the vent drain valves, if installed, should be secured and left in the proper position. All drain valves should be closed, and drip pan covers, if installed, should be made up tight. Covers for void spaces, bow and stern compartments shall be secured at all times and checked for tightness. Closing devices on clean-out hatches and clean-out opening should be checked, especially when the barge is loaded.

PART 10

PRODUCT DATA

See specific MSDS sheets provided with these procedures.

In case of any other emergency, immediately shut down and notify the transferring facility, and Chem Carriers L.L.C.

(225) 642-0060 24 Hour Line.

U.S. Department of
Homeland Security

United States
Coast Guard



Commanding Officer
United States Coast Guard
Marine Safety Center

US Coast Guard Stop 7430
2703 Martin Luther King Jr. Ave. SE
Washington, DC 20593-7430
Staff Symbol: MSC-5
Phone: (202) 795-6729
Email: securityplaninfo@uscg.mil

16710
VS-326893
December 3, 2024

Chem Carriers, LLC
Attn: Robert Banta
1237 Hwy 75
Sunshine, LA 70780
robert@chemcarriers.com

Subj: CHEM CARRIERS, LLC VESSELS
VESSEL SECURITY PLAN APPROVAL WITH AMENDMENTS

Ref: (a) Your correspondence dated November 6, 2024
(b) Title 33 Code of Federal Regulations (CFR) Part 104
(c) MSC Vessel Security Plan Approval letter dated October 16, 2024

Dear Mr. Banta:

We have conducted a review of the Vessel Security Plan (VSP) submitted with reference (a) in accordance with reference (b) and it is **"Approved."**

Your vessel must operate in compliance with this approved VSP and the requirements contained in reference (b). You are reminded to immediately report any deviation from this approved plan to the local Captain of the Port (COTP)/Officer in Charge, Marine Inspection (OCMI).

This approval will remain valid until five years from the date of reference (c) unless rescinded in writing by the local COTP/OCMI. You must review your plan annually and submit any amendments to this office for approval. Please ensure that a copy of the VSP is maintained on board the vessel if manned, or, if unmanned, at a suitable secure location so that it is readily available during an emergency or security incident. You shall make available to the Coast Guard, upon request, this letter, the VSP and any information related to the implementation of the VSP. Our Case Number for this plan is 326893. Please ensure that all future correspondence includes this Case Number.

Sincerely,

K. C. WILLIAMS
Lieutenant Commander, U.S. Coast Guard
Chief, Vessel Security Division
By direction

Enclosures: (1) List of Vessel Security Plan Amendments
(2) List of Vessels Covered

List of Vessels Covered

<u>Vessel Name</u>	<u>Official Number (O.N.)</u>
CCL-1	518612
CCL 2	510107
CCL-3	296363
CCL 4	512519
CCL-5	512520
CCL-6	530996
CCL7	551980
CCL 8	551982
CCL 9	551983
CCL 10	551979
CCL 11	551976
CCL 14	1164451
CCL 15	1164452
CCL 16	1164666
CCL 17	1166179
CCL 18	1168981
CCL 19	1168980
CCL 20	1191598
CCL 21	1191599
CCL 22	1191600
CCL 23	1191601
CCL 24	1196547
CCL 25	1196548
CCL 26	1203816
CCL 27	1203817
CCL 28	1212828
CCL 29	1212829
CCL 30	1305871
CCL 31	1305870
CCL 32	1305869
CCL 33	1305868
CCL 401	1216671
CCL 402	1219910
CCL 403	1231311
CCL 404	1231312
CCL 405	1236867
CCL 406	1236866
CCL 407	1246320
CCL 408	1246097
CCL 409	1246098
CCL 410	1255906
CCL 411	1255907
CCL 414-L	1262941
CCL 415-T	1262942

<u>Vessel Name</u>	<u>Official Number (O.N.)</u>
CCL 416-T	1264691
CCL 417 T	1298307
CCL 418-L	1306896
CCL 419-L	1306897
CCL 420-T	1348560
CCL 421-T	CG1843359
CCL 3202	1089031
HFL 413	1237482
HFL 415	1237483
HFL 435	1236563
HFL 605	1237484

CCL-10
BARGE "C"
TWIN CITY BARGE & TOWING COMPANY

TANK NUMBER: 1

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

DRAYO MULL NO. 6193

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	1.222	0	12.066	0	22.908	0	33.721	0	44.558	0	55.402	0	66.243	0
1	1.448	12.292	1	23.134	1	33.946	1	44.784	1	55.628	1	66.471	1	77.315
2	1.674	12.518	2	23.360	2	34.171	2	45.010	2	55.854	2	66.697	2	77.541
3	1.900	12.744	3	23.586	3	34.396	3	45.236	3	56.080	3	66.923	3	77.767
4	2.126	12.970	4	23.812	4	34.621	4	45.462	4	56.306	4	67.149	4	77.993
5	2.352	13.196	5	24.038	5	34.846	5	45.688	5	56.531	5	67.375	5	78.218
6	2.578	13.422	6	24.264	6	35.071	6	45.914	6	56.757	6	67.601	6	78.444
7	2.804	13.648	7	24.490	7	35.296	7	46.140	7	56.983	7	67.827	7	78.670
8	3.030	13.873	8	24.715	8	35.522	8	46.366	8	57.209	8	68.053	8	78.896
9	3.256	14.099	9	24.941	9	35.748	9	46.592	9	57.435	9	68.279	9	79.122
10	3.482	14.325	10	25.167	10	35.974	10	46.818	10	57.661	10	68.505	10	79.348
11	3.708	14.551	11	25.393	11	36.200	11	47.043	11	57.887	11	68.730	11	79.574
12	3.934	14.777	12	25.619	12	36.426	12	47.269	12	58.113	12	68.956	12	79.800
13	4.160	15.003	13	25.845	13	36.652	13	47.495	13	58.339	13	69.182	13	80.026
14	4.386	15.229	14	26.071	14	36.878	14	47.721	14	58.565	14	69.408	14	80.252
15	4.612	15.455	15	26.297	15	37.104	15	47.947	15	58.791	15	69.634	15	80.478
16	4.838	15.680	16	26.522	16	37.329	16	48.173	16	59.016	16	69.860	16	80.703
17	5.064	15.906	17	26.747	17	37.555	17	48.399	17	59.242	17	70.086	17	80.929
18	5.290	16.132	18	26.972	18	37.781	18	48.625	18	59.468	18	70.312	18	81.155
19	5.516	16.358	19	27.197	19	38.007	19	48.851	19	59.694	19	70.538	19	81.381
20	5.742	16.584	20	27.422	20	38.233	20	49.077	20	59.920	20	70.764	20	81.607
21	5.968	16.810	21	27.647	21	38.459	21	49.302	21	60.146	21	70.989	21	81.833
22	6.194	17.036	22	27.872	22	38.685	22	49.528	22	60.372	22	71.215	22	82.059
23	6.419	17.262	23	28.097	23	38.911	23	49.754	23	60.598	23	71.441	23	82.285
24	6.645	17.487	24	28.322	24	39.137	24	49.980	24	60.824	24	71.667	24	82.511
25	6.871	17.713	25	28.547	25	39.363	25	50.206	25	61.050	25	71.893	25	82.737
26	7.097	17.939	26	28.771	26	39.589	26	50.432	26	61.276	26	72.119	26	82.963
27	7.323	18.165	27	28.996	27	39.814	27	50.658	27	61.501	27	72.345	27	83.188
28	7.549	18.391	28	29.221	28	40.040	28	50.884	28	61.727	28	72.571	28	83.414
29	7.775	18.617	29	29.446	29	40.266	29	51.110	29	61.953	29	72.797	29	83.640
30	8.001	18.843	30	29.671	30	40.492	30	51.336	30	62.179	30	73.023	30	83.866
31	8.226	19.069	31	29.896	31	40.718	31	51.562	31	62.405	31	73.249	31	84.092
32	8.452	19.294	32	30.121	32	40.944	32	51.787	32	62.631	32	73.474	32	84.318
33	8.678	19.520	33	30.346	33	41.170	33	52.013	33	62.857	33	73.700	33	84.544
34	8.904	19.746	34	30.571	34	41.396	34	52.239	34	63.083	34	73.926	34	84.770
35	9.130	19.972	35	30.796	35	41.622	35	52.465	35	63.309	35	74.152	35	84.996
36	9.356	20.198	36	31.021	36	41.848	36	52.691	36	63.535	36	74.378	36	85.222
37	9.582	20.424	37	31.246	37	42.073	37	52.917	37	63.760	37	74.604	37	85.447
38	9.808	20.650	38	31.471	38	42.299	38	53.143	38	63.986	38	74.830	38	85.673
39	10.034	20.876	39	31.696	39	42.525	39	53.369	39	64.212	39	75.056	39	85.899
40	10.259	21.101	40	31.921	40	42.751	40	53.595	40	64.438	40	75.282	40	86.125
41	10.485	21.327	41	32.146	41	42.977	41	53.821	41	64.664	41	75.508	41	86.351
42	10.711	21.553	42	32.371	42	43.203	42	54.047	42	64.890	42	75.734	42	86.577
43	10.937	21.779	43	32.596	43	43.429	43	54.272	43	65.116	43	75.959	43	86.803
44	11.163	22.005	44	32.821	44	43.655	44	54.498	44	65.342	44	76.185	44	87.029
45	11.389	22.231	45	33.046	45	43.881	45	54.724	45	65.568	45	76.411	45	87.255
46	11.615	22.457	46	33.271	46	44.107	46	54.950	46	65.794	46	76.637	46	87.481
47	11.841	22.683	47	33.496	47	44.333	47	55.176	47	66.020	47	76.863	47	87.707
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CAPACITY IN U. S. GALLONS

*CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 15'-6 1/2" (TO METAL STRIP ACROSS STANOPIPE)

STRAPPED JANUARY 31, 1974

J. E. Panton

BARGE

TWIN CITY BARGE & TOWING COMPANY

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER:

2

DRAVO HULL NO. 6193

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
1.223	12.078	22.932	33.759	44.609	55.464	66.320	77.176	88.031	98.887	109.742	120.598	131.454	142.309	149.307
1.449	12.304	23.158	34.013	44.835	55.692	66.546	77.402	88.257	99.113	109.969	120.824	131.680	142.535	149.520
1.676	12.530	23.385	34.210	45.061	55.917	66.772	77.628	88.484	99.339	110.195	121.050	131.906	142.761	
1.902	12.756	23.611	34.435	45.287	56.143	67.000	77.856	88.710	99.565	110.421	121.276	132.132	142.988	
2.128	12.982	23.837	34.661	45.514	56.369	67.225	78.080	88.936	99.791	110.647	121.503	132.358	143.214	
2.354	13.208	24.063	34.886	45.740	56.595	67.451	78.306	89.162	100.018	110.873	121.729	132.584	143.440	
2.580	13.435	24.289	35.111	45.966	56.821	67.677	78.533	89.388	100.244	111.099	121.955	132.811	143.666	
2.806	13.661	24.515	35.336	46.192	57.048	67.903	78.759	89.614	100.470	111.326	122.181	133.037	143.892	
3.032	13.887	24.741	35.563	46.418	57.274	68.129	78.985	89.840	100.696	111.552	122.407	133.263	144.118	
3.258	14.113	24.968	35.789	46.644	57.500	68.355	79.211	90.067	100.922	111.778	122.633	133.489	144.345	
3.485	14.339	25.194	36.015	46.870	57.726	68.582	79.437	90.293	101.148	112.004	122.860	133.715	144.571	
3.711	14.565	25.420	36.241	47.097	57.952	68.808	79.663	90.519	101.375	112.230	123.086	133.941	144.797	
3.937	14.791	25.646	36.467	47.323	58.178	69.034	79.890	90.745	101.601	112.456	123.312	134.167	145.023	
4.163	15.018	25.872	36.693	47.549	58.405	69.260	80.116	90.971	101.827	112.682	123.538	134.394	145.249	
4.389	15.244	26.098	36.920	47.775	58.633	69.486	80.342	91.197	102.053	112.909	123.764	134.620	145.475	
4.615	15.470	26.324	37.146	48.001	58.859	69.712	80.568	91.424	102.279	113.135	123.990	134.846	145.701	
4.841	15.696	26.550	37.372	48.227	59.085	69.939	80.794	91.650	102.505	113.361	124.217	135.072	145.927	
5.068	15.922	26.775	37.598	48.454	59.309	70.165	81.020	91.876	102.731	113.587	124.443	135.298	146.104	
5.294	16.148	27.000	37.824	48.680	59.535	70.391	81.246	92.102	102.958	113.813	124.669	135.524	146.292	
5.520	16.374	27.226	38.050	48.906	59.761	70.617	81.473	92.328	103.184	114.039	124.895	135.751	146.483	
5.746	16.601	27.451	38.276	49.132	59.988	70.843	81.699	92.554	103.410	114.266	125.121	135.977	146.669	
5.972	16.827	27.676	38.503	49.358	60.214	71.069	81.925	92.781	103.636	114.492	125.347	136.203	146.857	
6.198	17.053	27.901	38.729	49.584	60.440	71.296	82.151	93.007	103.862	114.718	125.573	136.429	147.021	
6.424	17.279	28.127	38.955	49.811	60.666	71.522	82.377	93.233	104.088	114.944	125.800	136.655	147.284	
6.651	17.505	28.352	39.181	50.037	60.892	71.748	82.603	93.459	104.315	115.170	126.026	136.881	147.547	
6.877	17.731	28.577	39.407	50.263	61.118	71.974	82.830	93.685	104.541	115.396	126.252	137.108	147.761	
7.103	17.957	28.803	39.633	50.489	61.345	72.200	83.056	93.911	104.767	115.623	126.478	137.334	147.975	
7.329	18.183	29.028	39.860	50.715	61.571	72.426	83.282	94.137	104.993	115.849	126.704	137.560	148.189	
7.555	18.410	29.253	40.086	50.941	61.797	72.652	83.508	94.364	105.219	116.075	126.930	137.786	148.403	
7.781	18.636	29.479	40.312	51.167	62.023	72.879	83.734	94.590	105.445	116.301	127.157	138.012	148.617	
8.007	18.862	29.704	40.538	51.394	62.249	73.105	83.960	94.816	105.672	116.527	127.383	138.238	148.831	
8.233	19.088	29.929	40.764	51.620	62.475	73.331	84.187	95.042	105.898	116.753	127.609	138.464	149.045	
8.460	19.314	30.154	40.990	51.846	62.702	73.557	84.413	95.268	106.124	116.979	127.835	138.691	149.259	
8.686	19.540	30.380	41.217	52.072	62.928	73.783	84.639	95.494	106.350	117.206	128.061	138.917	149.473	
8.912	19.766	30.605	41.443	52.298	63.154	74.009	84.865	95.721	106.576	117.432	128.287	139.143	149.687	
9.138	19.993	30.830	41.669	52.524	63.380	74.236	85.091	95.947	106.802	117.658	128.514	139.369	149.901	
9.364	20.219	31.056	41.895	52.751	63.606	74.462	85.317	96.173	107.029	117.884	128.740	139.595	150.115	
9.590	20.445	31.281	42.121	52.977	63.832	74.688	85.543	96.399	107.255	118.110	128.966	139.821	150.329	
9.816	20.671	31.506	42.347	53.203	64.058	74.914	85.770	96.625	107.481	118.336	129.192	140.048	150.543	
10.043	20.897	31.732	42.573	53.429	64.285	75.140	85.996	96.851	107.707	118.562	129.418	140.274	150.757	
10.269	21.123	31.957	42.800	53.655	64.511	75.366	86.222	97.078	107.933	118.789	129.644	140.500	150.971	
10.495	21.349	32.182	43.026	53.881	64.737	75.592	86.448	97.304	108.159	119.015	129.870	140.726	151.185	
10.721	21.576	32.408	43.252	54.108	64.963	75.819	86.674	97.530	108.385	119.241	130.097	140.952	151.399	
10.947	21.802	32.633	43.478	54.334	65.189	76.045	86.900	97.756	108.612	119.467	130.323	141.178	151.613	
11.173	22.028	32.858	43.704	54.560	65.415	76.271	87.127	97.982	108.838	119.693	130.549	141.405	151.827	
11.399	22.254	33.083	43.930	54.786	65.642	76.497	87.353	98.208	109.064	119.920	130.775	141.631	152.041	
11.626	22.480	33.309	44.157	55.012	65.868	76.723	87.579	98.434	109.290	120.146	131.001	141.857	152.255	
11.852	22.706	33.534	44.383	55.238	66.094	76.949	87.805	98.661	109.516	120.372	131.227	142.083	152.469	

CAPACITY IN U. S. GALLONS

*CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 15'-6 3/4" (TO METAL STRIP ACROSS STANDPIPE)

STRAPPED JANUARY 31, 1974

J. E. Pantox

CC-10
BARGE
TWIN CITY BARGE & TOWING COMPANY

TANK NUMBER:

3

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

DRAVO HULL NO. 6193

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	1.449	12.258	23.148	33.996	44.847	55.697	66.548	77.398	88.249	99.100	109.950	120.801	131.651	142.501
1	1.675	12.524	23.374	34.222	45.073	55.923	66.774	77.624	88.475	99.326	110.176	121.026	131.877	142.727
2	1.901	12.750	23.600	34.448	45.299	56.149	67.000	77.851	88.701	99.552	110.402	121.252	132.103	142.953
3	2.127	12.976	23.826	34.674	45.525	56.375	67.226	78.077	88.927	99.778	110.628	121.478	132.329	143.179
4	2.353	13.202	24.052	34.900	45.751	56.602	67.452	78.303	89.153	100.004	110.855	121.705	132.556	143.405
5	2.579	13.428	24.278	35.126	45.977	56.828	67.678	78.529	89.379	100.230	111.078	121.932	132.782	143.631
6	2.805	13.654	24.504	35.352	46.203	57.054	67.904	78.755	89.605	100.456	111.303	122.157	133.007	143.857
7	3.031	13.881	24.730	35.578	46.429	57.280	68.130	78.981	89.831	100.682	111.527	122.383	133.233	144.083
8	3.257	14.107	24.956	35.805	46.655	57.506	68.356	79.207	90.057	100.908	111.752	122.608	133.458	144.309
9	3.483	14.333	25.182	36.031	46.881	57.732	68.582	79.433	90.283	101.134	111.977	122.834	133.684	144.535
10	3.709	14.559	25.408	36.257	47.107	57.958	68.808	79.659	90.510	101.360	112.202	123.060	133.910	144.761
11	3.935	14.785	25.634	36.483	47.333	58.184	69.034	79.885	90.736	101.586	112.427	123.285	134.136	144.987
12	4.161	15.011	25.860	36.709	47.559	58.410	69.260	80.111	90.962	101.812	112.651	123.511	134.362	145.213
13	4.387	15.237	26.086	36.935	47.785	58.636	69.487	80.337	91.188	102.038	112.876	123.737	134.588	145.439
14	4.613	15.463	26.312	37.161	48.011	58.862	69.713	80.563	91.414	102.264	113.101	123.963	134.814	145.665
15	4.839	15.689	26.538	37.387	48.237	59.088	69.939	80.789	91.640	102.490	113.326	124.189	135.040	145.891
16	5.065	15.915	26.764	37.613	48.463	59.314	70.165	81.015	91.866	102.716	113.551	124.415	135.266	146.117
17	5.291	16.141	26.990	37.839	48.689	59.540	70.391	81.241	92.092	102.942	113.775	124.641	135.492	146.343
18	5.517	16.367	27.216	38.065	48.915	59.766	70.617	81.467	92.318	103.168	114.000	124.867	135.718	146.569
19	5.743	16.593	27.442	38.291	49.141	59.992	70.843	81.693	92.544	103.394	114.225	125.093	135.944	146.795
20	5.969	16.819	27.668	38.517	49.367	60.218	71.069	81.919	92.770	103.620	114.447	125.319	136.170	147.021
21	6.195	17.045	27.894	38.743	49.593	60.444	71.295	82.145	92.996	103.847	114.669	125.545	136.396	147.247
22	6.421	17.271	28.120	38.969	49.819	60.670	71.521	82.371	93.222	104.073	114.892	125.771	136.622	147.473
23	6.647	17.497	28.346	39.195	50.045	60.896	71.747	82.597	93.448	104.299	115.114	125.997	136.848	147.699
24	6.873	17.723	28.572	39.421	50.271	61.121	71.973	82.823	93.674	104.525	115.336	126.223	137.074	147.925
25	7.100	17.949	28.798	39.647	50.497	61.347	72.199	83.050	93.900	104.751	115.559	126.449	137.300	148.151
26	7.326	18.175	29.024	39.873	50.723	61.573	72.425	83.276	94.126	104.977	115.781	126.675	137.526	148.377
27	7.552	18.401	29.250	40.100	50.949	61.800	72.651	83.502	94.352	105.203	116.003	126.901	137.752	148.603
28	7.778	18.627	29.476	40.326	51.176	62.027	72.877	83.728	94.578	105.429	116.225	127.127	137.978	148.829
29	8.004	18.853	29.702	40.552	51.402	62.253	73.103	83.954	94.805	105.655	116.448	127.353	138.204	149.055
30	8.230	19.079	29.928	40.778	51.628	62.479	73.329	84.180	95.031	105.881	116.670	127.579	138.430	149.281
31	8.456	19.305	30.154	41.004	51.854	62.705	73.556	84.406	95.257	106.107	116.892	127.805	138.656	149.507
32	8.682	19.531	30.380	41.230	52.080	62.931	73.782	84.632	95.483	106.333	117.114	128.031	138.882	149.733
33	8.908	19.757	30.606	41.456	52.306	63.157	74.008	84.858	95.709	106.559	117.337	128.257	139.108	150.000
34	9.134	19.983	30.832	41.682	52.533	63.383	74.234	85.084	95.935	106.785	117.559	128.483	139.334	150.226
35	9.360	20.209	31.058	41.908	52.759	63.609	74.460	85.310	96.161	107.011	117.781	128.709	139.560	150.452
36	9.586	20.435	31.284	42.134	52.985	63.835	74.686	85.536	96.387	107.237	118.001	128.935	139.786	150.678
37	9.812	20.661	31.510	42.360	53.211	64.061	74.912	85.762	96.613	107.464	118.221	129.161	140.012	150.904
38	10.038	20.887	31.736	42.586	53.437	64.287	75.138	85.988	96.839	107.690	118.441	129.387	140.238	151.130
39	10.264	21.114	31.962	42.812	53.663	64.513	75.364	86.214	97.065	107.916	118.660	129.613	140.464	151.356
40	10.490	21.340	32.188	43.038	53.889	64.739	75.590	86.441	97.291	108.142	118.880	129.839	140.690	151.582
41	10.716	21.566	32.414	43.264	54.115	64.965	75.816	86.667	97.517	108.368	119.100	130.065	140.916	151.808
42	10.942	21.792	32.640	43.490	54.341	65.191	76.042	86.893	97.743	108.594	119.320	130.291	141.142	152.034
43	11.168	22.018	32.866	43.716	54.567	65.417	76.268	87.119	97.969	108.820	119.539	130.517	141.368	152.260
44	11.394	22.244	33.092	43.942	54.793	65.643	76.494	87.345	98.195	109.046	119.759	130.743	141.594	152.486
45	11.620	22.470	33.318	44.168	55.019	65.870	76.720	87.571	98.421	109.272	119.979	130.969	141.820	152.712
46	11.846	22.696	33.544	44.394	55.245	66.096	76.946	87.797	98.647	109.498	120.199	131.195	142.046	152.938
47	12.072	22.922	33.770	44.621	55.471	66.322	77.172	88.023	98.873	109.724	120.419	131.421	142.272	153.164

CAPACITY IN U. S. GALLONS

*CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 15'-0 1/2" (10 METAL STRIP ACROSS STANDPIPE)

STRAPPED JANUARY 31, 1974

J. E. Rantow

CHEM CARRIERS, L.L.C.

Vessel Security Plan for Unmanned Barges

Barges Covered by this Plan: **MISLE # 1976434**

This plan covers the following vessels, listed here with a brief description of each:

Copies of the Certificates of Inspection, where applicable, are maintained with the plan as well as on the barge.

Barge Name	O. N.	Dimensions	MISLE #	Capacity	CDC Cargoes
CCL 1	518612	195 x 35 x 12	1976434	10,000 BBLS	None
CCL 2	510107	195 x 35 x 12	1976439	10,000 BBLS	None
CCL 3	296363	195 x 35 x 12	1976445	10,000 BBLS	None
CCL 4	512519	195 x 35 x 12	1976448	10,000 BBLS	None
CCL 5	512520	195 x 35 x 12	1976450	10,000 BBLS	None
CCL 6	530996	195 x 35 x 12	1976452	10,000 BBLS	None
TCB 302	551976	195 x 35 x 12	1976454	10,000 BBLS	None
CCL 10	551979	195 x 35 x 12	1976455	10,000 BBLS	None
CCL 7 Ex:TCB306	551980	195 x 35 x 12	1976460	10,000 BBLS	None
CCL 8 Ex: TCB308	551982	195 x 35 x 12	1976459	10,000 BBLS	None
CCL 9 Ex: TCB 309	551983	195 x 35 x 12	1976463	10,000 BBLS	None
CCL 14	1164451	200 x 35 x 12.5	TBA	11,500 BBLS	None
CCL 15	1164452	200 x 35 x 12.5	TBA	11,500 BBLS	None
CCL 16	1164666	200 x 35 x 12.5	TBA	11,500 BBLS	None
CCL 17	1166179	200 x 35 x 12.5	TBA	11,500 BBLS	None
CCL 18	1168981	200 x 35 x 12.5		11,500 BBLS	None
CCL 19	1168980	200 x 35 x 12.5		11,500 BBLS	None
CCL 20	1191598	200 x 35 x 12.5		11,500 BBLS	None
CCL 21	1191599	200 x 35 x 12.5		11,500 BBLS	None
CCL 22	1191600	200 x 35 x 12.5		11,500 BBLS	None
CCL 23	1191601	200 x 35 x 12.5		11,500 BBLS	None
CCL 24	1196547	200 x 35 x 12.5		11,500 BBLS	None
CCL 25	1196548	200 x 35 x 12.5		11,500 BBLS	None
CCL 26	1203816	200 x 35 x 12.5		11,500 BBLS	None
CCL 27	1203817	200 x 35 x 12.5		11,500 BBL	None
JAR 6	555050	195 x 35 x 12		10,000 BBLS	None
CCL 28	1212828	200 x 35 x 12.5		11,500 BBL	None
CCL-29	1212829	200 x 35 x 12.5		11,500 BBL	None

Date of equipment list update for plan:

2/11/2009

WARNING!!

This document contains Sensitive Security Information that is controlled by 49 CFR 1520. No part of this document may be disclosed without a "Need to Know" as defined in Part 1520 except with written permission of the administrator of the TSA or Secretary of Transportation. Unauthorized release may result in civil penalty or other action. For US Government Agencies public disclosure is governed by 5 USC 552 and 49 CFR 1520

LAW # 08161450**LAW VALVE of TEXAS**13702 Force Street Houston, TX 77015
PHONE 713-453-0413 FAX 713-453-3535**SHOP ORDER AND TEST REPORT**CUSTOMER Chem Carriers ORDER # _____MAKE Kunkle SIZE 4" x 4" MODEL # 91K-M02SERIAL # 11005518-1 INLET 4" 250 OUTLET 4" 125CONSTRUCTION: ☒ CONVENTIONAL ☐ SPILL ☐ INTERNAL ☐ PILOT ☐ PVCAP: ☒ PLAIN ☐ OPEN LEVER ☐ BELLOWSTAG CC L 10 SET PRESSURE 125 psiLOCATION _____ ORIFICE MWORK REQUIRED: ☐ TEST ONLY ☐ TEST & RESET ☐ PRETEST REQUIRED☒ COMPLETE OVERHAUL ☒ TEST AIR LAST REPAIR DATE _____

CONDITION RECEIVED: INITIAL POP _____ LEAKED AT _____

GENERAL CONDITION PRE-REPAIR:

INLET:

☒ DIRTY
☐ PLUGGED
☐ FLANGE PITTED
☐ GOOD COND

SEATS:

☐ FOULED
☐ CUT
☒ DIRTY
☐ CORRODED
☐ GOOD COND

GUIDE:

☐ FOULED
☒ DIRTY
☐ CORRODED
☐ FROZEN
☐ GOOD COND

OUTLET:

☒ DIRTY
☐ PLUGGED
☐ FLANGE PITTED
☐ GOOD COND.SPRING: ☐ CORRODED ☐ BROKEN ☒ GOOD COND ☐ WEAKWORK ☒ ST ☐ O/TREPAIRS: ☒ LAPPED SEATS ☐ MACH. DISC. ☐ MACH. NOZZLE ☐ MACH. FLANGE
☒ REPLACED GASKETS

PARTS REPLACED AND OTHER WORK:

FINAL TEST REPORTDATE 8-29-2016SET PRESSURE 125 psi PressureNOZZLE RING SETTING N/A GUIDE SETTING N/ABACK PRESSURE 30 psiTESTED BY [Signature]WITNESS BY [Signature]

U.S. COAST GUARD WITNESS _____

LAW # 08161450**LAW VALVE of TEXAS**13702 Force Street Houston, TX 77015
PHONE 713-453-0413 FAX 713-453-3535**SHOP ORDER AND TEST REPORT**

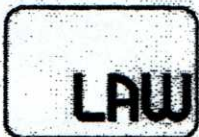
CUSTOMER Chem Carriers ORDER # _____
MAKE ERL SIZE 2.5" MODEL # EQUATE
SERIAL # 250111 INLET 2.5" FNPT OUTLET N/A
CONSTRUCTION: ☐ CONVENTIONAL ☐ SPILL ☐ INTERNAL ☐ PILOT ☒ PV
CAP: ☐ PLAIN ☐ OPEN LEVER ☐ BELLOWS
TAG OCL 10 SET PRESSURE 1.0 PSI & 0.5 PSI VAC
LOCATION _____ ORIFICE N/A
WORK REQUIRED: ☐ TEST ONLY ☐ TEST & RESET ☐ PRETEST REQUIRED
☒ COMPLETE OVERHAUL ☒ TEST AIR LAST REPAIR DATE _____
CONDITION RECEIVED: INITIAL POP _____ LEAKED AT _____

GENERAL CONDITION PRE-REPAIR:

INLET:	SEATS:	GUIDE:	OUTLET:
<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> FOULED	<input type="checkbox"/> FOULED	<input checked="" type="checkbox"/> DIRTY
<input type="checkbox"/> PLUGGED	<input type="checkbox"/> CUT	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> PLUGGED
<input type="checkbox"/> FLANGE PITTED	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FLANGE PITTED
<input type="checkbox"/> GOOD COND	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FROZEN	<input type="checkbox"/> GOOD COND.
	<input type="checkbox"/> GOOD COND	<input type="checkbox"/> GOOD COND	
SPRING: <input type="checkbox"/> CORRODED <input type="checkbox"/> BROKEN	<input checked="" type="checkbox"/> GOOD COND	<input type="checkbox"/> WEAK	
WORK <input checked="" type="checkbox"/> ST <input type="checkbox"/> O/T			
REPAIRS: <input checked="" type="checkbox"/> LAPPED SEATS <input type="checkbox"/> MACH. DISC. <input type="checkbox"/> MACH. NOZZLE <input type="checkbox"/> MACH. FLANGE			
<input type="checkbox"/> REPLACED GASKETS			

PARTS REPLACED AND OTHER WORK: installed new Viton O-ring rings**FINAL TEST REPORT**DATE 8-29-2016

SET PRESSURE 1.0 PSI PRESSURE & 0.5 PSI VACUUM
NOZZLE RING SETTING N/A GUIDE SETTING N/A
BACK PRESSURE N/A
TESTED BY B. B. B. WITNESS BY Robert Davis
U.S. COAST GUARD WITNESS _____

LAW # 08161450**LAW VALVE of TEXAS**13702 Force Street Houston, TX 77015
PHONE 713-453-0413 FAX 713-453-3535**SHOP ORDER AND TEST REPORT**CUSTOMER Chem Carriers ORDER # _____MAKE ERL SIZE 2.5" MODEL # EQUATESERIAL # 250110 INLET 2.5" FNPT OUTLET N/ACONSTRUCTION: ☐ CONVENTIONAL ☐ SPILL ☐ INTERNAL ☐ PILOT ☒ P/VCAP: ☐ PLAIN ☐ OPEN LEVER ☐ BELLOWSTAG OCL 10 SET PRESSURE 1.0 psi & 0.5 psi VACLOCATION _____ ORIFICE N/AWORK REQUIRED: ☐ TEST ONLY ☐ TEST & RESET ☐ PRETEST REQUIRED☒ COMPLETE OVERHAUL ☒ TEST AIR LAST REPAIR DATE _____

CONDITION RECEIVED: INITIAL POP _____ LEAKED AT _____

GENERAL CONDITION PRE-REPAIR:**INLET:**☒ DIRTY
☐ PLUGGED
☐ FLANGE PITTED
☐ GOOD COND**SEATS:**☐ FOULED
☐ CUT
☒ DIRTY
☐ CORRODED
☐ GOOD COND**GUIDE:**☐ FOULED
☒ DIRTY
☐ CORRODED
☐ FROZEN
☐ GOOD COND**OUTLET:**☒ DIRTY
☐ PLUGGED
☐ FLANGE PITTED
☐ GOOD COND.SPRING: ☐ CORRODED ☐ BROKEN ☒ GOOD COND ☐ WEAKWORK ☒ ST ☐ O/TREPAIRS: ☒ LAPPED SEATS ☐ MACH. DISC. ☐ MACH. NOZZLE ☐ MACH. FLANGE
☐ REPLACED GASKETSPARTS REPLACED AND OTHER WORK: installed new Viton Quad rings**FINAL TEST REPORT**DATE 8-29-2016SET PRESSURE 1.0 psi PRESSURE & 0.5 psi VACUUMNOZZLE RING SETTING N/A GUIDE SETTING N/ABACK PRESSURE N/ATESTED BY B. Bilbilia WITNESS BY Robert Davis

U.S. COAST GUARD WITNESS _____

LAW # 08161450**LAW VALVE of TEXAS**13702 Force Street Houston, TX 77015
PHONE 713-453-0413 FAX 713-453-3535**SHOP ORDER AND TEST REPORT**

CUSTOMER Chem Carriers ORDER # _____
MAKE ERL SIZE 2.5" MODEL # EQUATE
SERIAL # 250109 INLET 2.5" FNPT OUTLET N/A
CONSTRUCTION: ☐ CONVENTIONAL ☐ SPILL ☐ INTERNAL ☐ PILOT ☒ PV
CAP: ☐ PLAIN ☐ OPEN LEVER ☐ BELLOWS
TAG CC L 10 SET PRESSURE 1.0 PSI & 0.5 PSI VAC
LOCATION _____ ORIFICE N/A
WORK REQUIRED: ☐ TEST ONLY ☐ TEST & RESET ☐ PRETEST REQUIRED
☒ COMPLETE OVERHAUL ☒ TEST AIR LAST REPAIR DATE _____
CONDITION RECEIVED: INITIAL POP _____ LEAKED AT _____

GENERAL CONDITION PRE-REPAIR:

INLET:	SEATS:	GUIDE:	OUTLET:
<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> FOULED	<input type="checkbox"/> FOULED	<input checked="" type="checkbox"/> DIRTY
<input type="checkbox"/> PLUGGED	<input type="checkbox"/> CUT	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> PLUGGED
<input type="checkbox"/> FLANGE PITTED	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FLANGE PITTED
<input type="checkbox"/> GOOD COND	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FROZEN	<input type="checkbox"/> GOOD COND.
	<input type="checkbox"/> GOOD COND	<input type="checkbox"/> GOOD COND	
SPRING: <input type="checkbox"/> CORRODED <input type="checkbox"/> BROKEN		<input checked="" type="checkbox"/> GOOD COND	<input type="checkbox"/> WEAK
WORK <input checked="" type="checkbox"/> ST <input type="checkbox"/> O/T			
REPAIRS: <input checked="" type="checkbox"/> LAPPED SEATS <input type="checkbox"/> MACH. DISC. <input type="checkbox"/> MACH. NOZZLE			<input type="checkbox"/> MACH. FLANGE
<input type="checkbox"/> REPLACED GASKETS			

PARTS REPLACED AND OTHER WORK: installed new Viton O-ring rings**FINAL TEST REPORT**DATE 8-29-2016

SET PRESSURE 1.0 PSI Pressure & 0.5 PSI Vacuum
NOZZLE RING SETTING N/A GUIDE SETTING N/A
BACK PRESSURE N/A
TESTED BY [Signature] WITNESS BY [Signature]
U.S. COAST GUARD WITNESS _____