



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

Certification Date: 12 Jul 2022

Expiration Date: 12 Jul 2027

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 8	551982			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
PITTSBURGH, PA	01Jan1974		R-773	R-773		R-195.0
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 Table 31.10-21(b); if this vessel is operated in salt water more than six (6) months in any twelve (12) month period, the vessel must be inspected using salt water intervals 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: <i>M. J. Novak</i> M. J. NOVAK LCDR, USCG, by direction Officer in Charge, Marine Inspection New Orleans, LA Inspection Zone
Date	Zone	A/P/R	Signature	
18 SEP 2023	BATU	A	<i>[Signature]</i>	
24 SEP 2023	BATU	D	<i>[Signature]</i>	
13 AUG 25	BATU	A	<i>[Signature]</i>	
06 OCT 25	BATU	A	<i>[Signature]</i>	



United States of America
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Certification Date: 12 Jul 2022
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Certificate of Inspection

Vessel Name: CCL 8

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Jun2027	02Jun2017	03Jul2012
Internal Structure	30Jun2027	12Jul2022	02Jun2017

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

Authorization: GRADE "A" AND LOWER 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 Number	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	R
II	1485	9ft 0in	13.50	LBS
III	1624	9ft 7in	13.50	LBS
II	1485	9ft 0in	13.50	R

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment, serial #C2-0402884, dated 02-NOV-04, and grade "A" and lower cargoes may be carried.

Benzene Prohibition

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

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 31.10-21a (b)(1) and is prohibited from carrying pollution category I oils listed in 46 CFR Table 30.25-1

--- Inspection Status ---



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Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 C/L	06Aug2012	02Jun2017	30Jun2027	-	-	-
2 C/L	06Aug2012	02Jun2017	30Jun2027	-	-	-
3 C/L	06Aug2012	02Jun2017	30Jun2027	-	-	-

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 ---

Number of Fireman Outfits - 0

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: TCB 308

Official #: D551982

Shipyard: Dravo Hull

Hull #: 6237

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)	13.6	Atmos.	Amb.	II	1ii 2ii	Integral Gravity	PV	Open	II	G-1	NR	NA	Portable	40-1(f)(1), 50-60, 50-70(a), 50-70(b),	55-1(b), (c), (e), (f), (h), (i), 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, 50-86
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)
Dodecylidimethylamine, Tetradecylidimethylamine 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)

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Department of Homeland Security
United States Coast Guard

Serial #: C2-0402884

Generated: 02-Nov-04

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: TCB 308

Official #: D551982

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Shipyard: Dravo Hull

Hull #: 6237

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.
Note 2	Telephone (202) 267-1217. 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, gasoline 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.

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Vessel Name: CCL 8
Official #: D551982

Shipyard: Dravo Hull
Hull #: 6237

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 Con
Tnk Grp	Tanks in Group	Density	Press.	Temp.			Type	Vent	Gauge	Pipe Class	Cont	Tanks	Handling Space		General	Materials of Construction		
A	Three (3)	13.6	Atmos.	Amb.	II	1ii 2ii	Integral Gravity	PV	Open	II	G-1	NR	NA	Portable	40-1(f)(1), 50-60, 50-70(a), 50-70(b),	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, 50-86
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	50-80, 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)

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Shipyard: Dravo Hull
Hull #: 6237

Cargo Identification						Conditions of Carriage			
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery		Special Requirements in 46 CFR 151 General and Mat's 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, 55-1(j)
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 (H ₂ S 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 8
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Shipyard: Dravo Hull
Hull #: 6237

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 8		OFFICIAL NUMBER 551982	IMO OR OTHER NUMBER 6237	YEAR COMPLETED 1974	
HAILING PORT NEW ORLEANS LA		HULL MATERIAL STEEL		MECHANICAL PROPULSION NO	
GROSS TONNAGE 773 GRT	NET TONNAGE 773 NRT	LENGTH 195.0	BREADTH 35.1	DEPTH 10.0	
PLACE BUILT PITTSBURGH PA					
OWNERS CHEM CARRIERS LLC COMPRISED OF 1 MEMBER		OPERATIONAL ENDORSEMENTS COASTWISE			
MANAGING OWNER CHEM CARRIERS LLC 1237 HIGHWAY 75 SUNSHINE LA 70780					
RESTRICTIONS NONE					
ENTITLEMENTS NONE					
REMARKS NONE					
ISSUE DATE NOVEMBER 13, 2025		 <i>Christina M. Washburn</i> DIRECTOR, NATIONAL VESSEL DOCUMENTATION CENTER			
THIS CERTIFICATE EXPIRES NOVEMBER 30, 2026					

Certificate of Financial Responsibility (COFR)<https://www.uscg.mil/Mariners/National-Pollution-Funds-Center/COFRs/ECOFr-Active-Vessel-Status/>

Updated: 12/12/2025 07:00

Vessel Name	Vin	Vessel Type Code	Vsl Vessel Type Desc	Gross Tonnage	Case Control Id	Case- Examiner Id	Case- Operator Name	Effective Date	Expiration Date	Insurance Cancel Flag
CCL 1	D518612	50	TANKBARGE	812	841310	22	CHEM CARRIERS, L.L.C	9/2/2025 4:00:00 AM	9/2/2028 12:00:00 AM	
CCL 2	D510107	50	TANKBARGE	855	841310	22	CHEM CARRIERS, L.L.C	6/23/2023 12:00:00 AM	6/23/2026 12:00:00 AM	
CCL 3	D296363	50	TANKBARGE	822	841310	22	CHEM CARRIERS, L.L.C	10/3/2023 12:00:00 AM	10/3/2026 12:00:00 AM	
CCL 4	D512519	50	TANKBARGE	860	841310	22	CHEM CARRIERS, L.L.C	4/7/2025 4:00:00 AM	4/7/2028 12:00:00 AM	
CCL 5	D512520	50	TANKBARGE	860	841310	22	CHEM CARRIERS, L.L.C	12/6/2022 12:00:00 AM	12/6/2025 12:00:00 AM	
CCL 6	D530996	50	TANKBARGE	798	841310	22	CHEM CARRIERS, L.L.C	1/26/2025 5:00:00 AM	1/26/2028 12:00:00 AM	
CCL 7	D551980	50	TANKBARGE	773	841310	22	CHEM CARRIERS, L.L.C	11/27/2023 12:00:00 AM	11/27/2026 12:00:00 AM	
CCL 8	D551982	50	TANKBARGE	773	841310	22	CHEM CARRIERS, L.L.C	9/27/2025 4:00:00 AM	9/27/2028 12:00:00 AM	
CCL 9	D551983	50	TANKBARGE	773	841310	22	CHEM CARRIERS, L.L.C	2/19/2023 12:00:00 AM	2/19/2026 12:00:00 AM	
CCL 10	D551979	50	TANKBARGE	773	841310	22	CHEM CARRIERS, L.L.C	12/12/2023 12:00:00 AM	12/12/2026 12:00:00 AM	
CCL 11	D551976	50	TANKBARGE	773	841310	22	CHEM CARRIERS, L.L.C	9/29/2025 4:00:00 AM	9/29/2028 12:00:00 AM	
CCL 14	D4497784	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	9/22/2025 4:00:00 AM	9/22/2028 12:00:00 AM	
CCL 15	D1164452	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	3/1/2024 12:00:00 AM	3/1/2027 12:00:00 AM	
CCL 16	D1164666	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	9/14/2024 12:00:00 AM	9/14/2027 12:00:00 AM	
CCL 17	D1166179	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	1/31/2023 12:00:00 AM	1/31/2026 12:00:00 AM	
CCL 18	D1168981	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	7/1/2023 12:00:00 AM	7/1/2026 12:00:00 AM	
CCL 19	D1168980	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	8/24/2023 12:00:00 AM	8/24/2026 12:00:00 AM	
CCL 20	D1191598	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	2/27/2025 5:00:00 AM	2/27/2028 12:00:00 AM	
CCL 21	D1191599	50	TANKBARGE	793	841310	22	CHEM CARRIERS, L.L.C	2/26/2025 5:00:00 AM	2/26/2028 12:00:00 AM	
CCL 22	D1191600	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	1/13/2025 5:00:00 AM	1/13/2028 12:00:00 AM	
CCL 23	D1191601	50	TANKBARGE	793	841310	22	CHEM CARRIERS, L.L.C	4/20/2025 4:00:00 AM	4/20/2028 12:00:00 AM	
CCL 24	D1196547	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	8/11/2023 12:00:00 AM	8/11/2026 12:00:00 AM	
CCL 25	D1196548	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	8/11/2023 12:00:00 AM	8/11/2026 12:00:00 AM	
CCL 26	D1203816	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	2/11/2025 5:00:00 AM	2/11/2028 12:00:00 AM	
CCL 27	D1203817	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	5/3/2024 12:00:00 AM	5/3/2027 12:00:00 AM	
CCL 28	D1212828	50	TANKBARGE	793	841310	22	CHEM CARRIERS, L.L.C	9/9/2023 12:00:00 AM	9/9/2026 12:00:00 AM	
CCL 29	D1212829	50	TANKBARGE	793	841310	22	CHEM CARRIERS, L.L.C	9/22/2023 12:00:00 AM	9/22/2026 12:00:00 AM	
CCL 30	D1305871	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	10/1/2023 12:00:00 AM	10/1/2026 12:00:00 AM	
CCL 31	D1305870	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	10/1/2023 12:00:00 AM	10/1/2026 12:00:00 AM	
CCL 32	D1305869	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	11/13/2023 12:00:00 AM	11/13/2026 12:00:00 AM	
CCL 33	D1305868	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	11/13/2023 12:00:00 AM	11/13/2026 12:00:00 AM	
CCL 401	D1216671	50	TANKBARGE	2001	841310	22	CHEM CARRIERS, L.L.C	4/13/2024 12:00:00 AM	4/13/2027 12:00:00 AM	
CCL 402	D1219910	50	TANKBARGE	1754	841310	22	CHEM CARRIERS, L.L.C	4/29/2024 12:00:00 AM	4/29/2027 12:00:00 AM	
CCL 403	D1231311	50	TANKBARGE	1691	841310	22	CHEM CARRIERS, L.L.C	2/8/2023 12:00:00 AM	2/8/2026 12:00:00 AM	
CCL 404	D1231312	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	2/23/2023 12:00:00 AM	2/23/2026 12:00:00 AM	
CCL 405	D1236867	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	1/1/2024 12:00:00 AM	1/1/2027 12:00:00 AM	
CCL 406	D1236866	50	TANKBARGE	1691	841310	22	CHEM CARRIERS, L.L.C	1/27/2024 12:00:00 AM	1/27/2027 12:00:00 AM	
CCL 407	D1246320	50	TANKBARGE	1754	841310	22	CHEM CARRIERS, L.L.C	8/22/2025 4:00:00 AM	8/22/2028 12:00:00 AM	
CCL 408	D1246097	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	8/7/2025 4:00:00 AM	8/7/2028 12:00:00 AM	
CCL 409	D1246098	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	10/2/2025 4:00:00 AM	10/2/2028 12:00:00 AM	
CCL 410	D1255906	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	9/3/2023 12:00:00 AM	9/3/2026 12:00:00 AM	
CCL 411	D1255907	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	9/25/2023 12:00:00 AM	9/25/2026 12:00:00 AM	
CCL 414-L	D1262941	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	9/23/2024 4:00:00 AM	9/23/2027 12:00:00 AM	
CCL 415-T	D1262942	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	9/28/2024 4:00:00 AM	9/28/2027 12:00:00 AM	
CCL 416-T	D1264691	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	1/20/2025 5:00:00 AM	1/20/2028 12:00:00 AM	
CCL 417-T	D1298307	50	TANKBARGE	1769	841310	22	CHEM CARRIERS, L.L.C	1/27/2023 12:00:00 AM	1/27/2026 12:00:00 AM	
CCL 418-L	D1306896	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	11/13/2023 12:00:00 AM	11/13/2026 12:00:00 AM	
CCL 419-L	D1306897	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	1/5/2024 12:00:00 AM	1/5/2027 12:00:00 AM	
CCL 420-T	D1348560	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	2/12/2025 5:00:00 AM	2/12/2028 12:00:00 AM	
CCL 421-T	D1352615	50	TANKBARGE	1616	841310	22	CHEM CARRIERS, L.L.C	8/28/2025 4:00:00 AM	8/28/2028 12:00:00 AM	
AX 3202	D1089031	50	TANKBARGE	1754	841310	22	CHEM CARRIERS, L.L.C	6/11/2024 4:00:00 AM	6/11/2027 12:00:00 AM	
MERLIN BANTA	D249614	51	TUG AND TOWBOAT	384	841310	22	CHEM CARRIERS, L.L.C	11/24/2024 5:00:00 AM	11/24/2027 12:00:00 AM	

T.T. 237, LLC

Specializing in Gas Freeing, Cleaning and Repairs
5190 North River Road, Port Allen, Louisiana 70767
Phone: (225) 473-8222 Fax: (225) 473-2199

Pipeline Test Letter

Date: 2/10/26

To Whom It May Concern:

The cargo pipeline and relief valve as required by 33CRH156.170, on tank barge

CCL 8 located at T.T. 237, was tested on 2/10/26 at 188psi.

- Pressure gauge was found to be operating.
- The relief valve functioned as required.
- The steam piping system was tested at 125 psi.
- The steam system relief valve functioned as required.

Signature of Tester: _____

Joey Jones

T.T. BARGE SERVICES, LLC

MILE 237 Repair

5780 NORTH RIVER RD. PORT ALLEN, LA. 70767

OFFICE: (225) 343-0204 FAX: (225) 343-0237

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

REQUIRED SUBPART BB-NATIONAL EMISSION STANDARDS FOR BENZENE EMISSIONS FROM TRANSFER OPERATIONS SECTION 61.00-61.306

VESSEL: CCL 8

OFFICIAL NUMBER: _____

TESTING LOCATION: TT 237

MAXIMUM LOADING RATE (BRH): _____

TANK(S) TESTED: all

PRESSURE INDICATOR: certified gauge

VESSEL OWNER AND ADDRESS: _____

TEST RESULTS

TEST DATE: 2/10/26

BEGINNING PRESSURE: 16Oz

BEGINNING TIME: 8:30

ENDING PRESSURE: 16 OZ

ENDING TIME: 9:00

TOTAL PRESSURE LOSS: 0

ALLOWABLE PRESSURE LOSS: _____

NOTE: VESSEL IS CONSIDERED VAPOR TIGHT IF "TOTAL PRESSURE LOSS" IS LESS THAN "ALLOWABLE LOSS"

THIS VESSEL HAS BEEN TESTED IN ACCORDANCE WITH SECTION 61.304F, AND IS CONSIDERED VAPOR TIGHT.

TESTER: Joey Jones (PRINT)

WITNESS: Miguel Ortiz (PRINT)

TESTER: Joey Jones (SIGN)

WITNESS: Miguel Ortiz (SIGN)

TT 237

AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

0.861 X _____ X (_____ / _____) = _____
(TP) (L) (V) (APL)

TP = 14.7 PLUS THE BARGE TEST PRESSURE IN PSI (1 PSI = OUNCES)

L = MAXIMUM LOADING RATE IN BARRELS PER HOUR

V = VOLUME OF TANK(S) IN BARRELS

APL = ALLOWABLE PRESSURE LOSS INCHES OF WATER

NOTES:

14.70 PSI = 406.8 INCHES OF H2O

1 PSI = 27.67 INCHES OF H2O

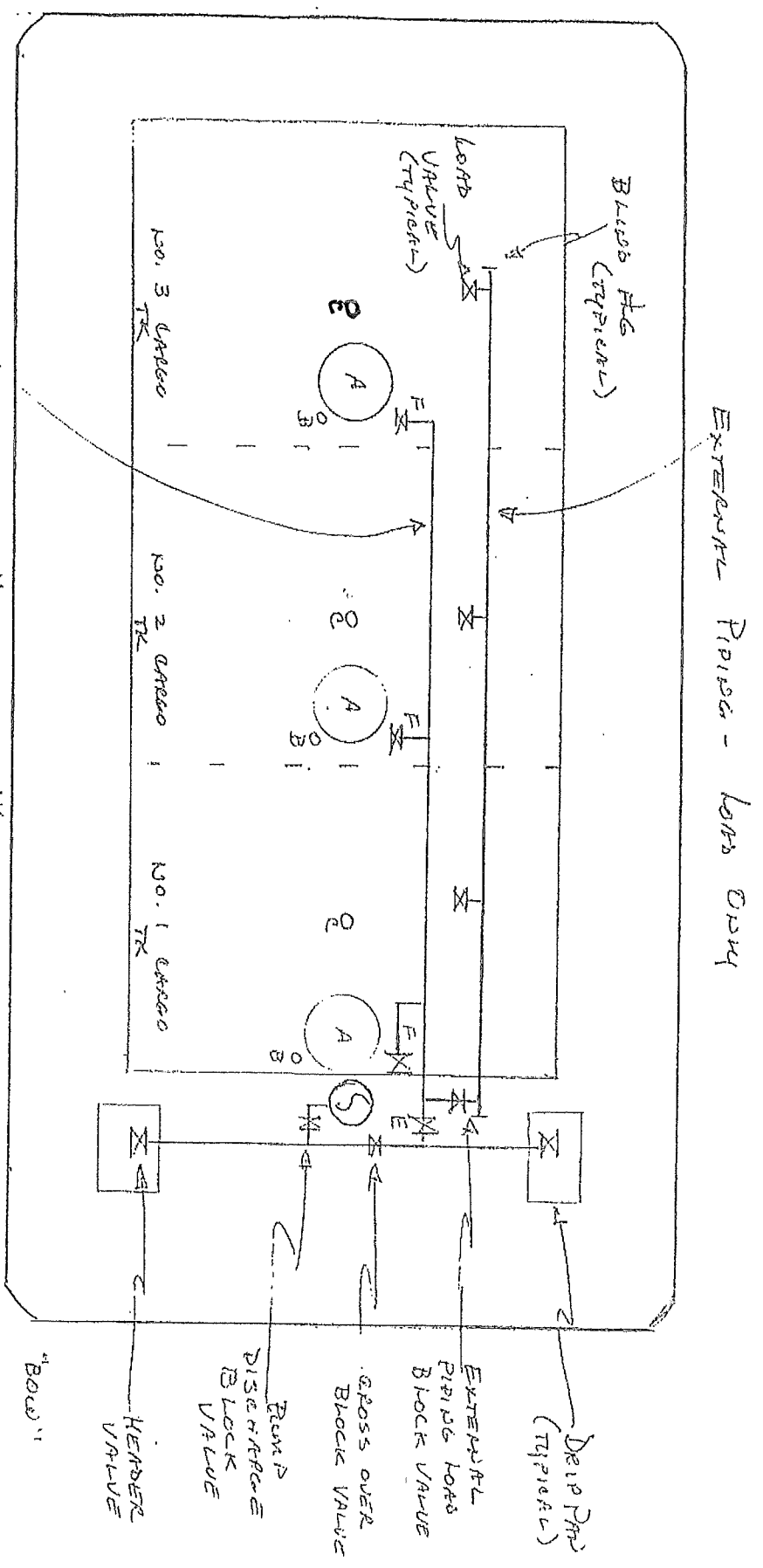
1 INCH = 25.40 MM

1 INCH = 2.54 CM

1 OZ. = 1.729 INCHES OF H2O

CCL 8 PIPING SCHEMATIC

"NOT TO SCALE"



"PLAN VIEW"

INTERNAL LOAD/SUCCESSION LINE

- A = ACCESS HATCH
- B = RESTRICTED GAUGE
- C = OPEN GAUGE
- E = SUCCESSION BLOCK VALVE
- F = GROSS SUCCESSION VALVE (typical)

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 8

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 being 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 8 is equipped with an overhead load line with (1) 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 and 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 securing all holes with bolts and nuts . 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.

Incase 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

Chas. MARTIN
Inspectors
of Petroleum, Inc.
INDEPENDENT LICENSED INSPECTION
JAMES J. MULLIN, PRESIDENT

CCL-8
BARGE "TCB 308"

TWIN CITY BARGE & TOWING COMPANY

TANK NUMBER:

1

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

DRAVO HULL NO. 6237

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	771	0	11,615	0	22,457	0	33,272	0	44,107	0	54,951	0	65,795	0
1/4	996	1/4	11,841	1/4	22,683	1/4	33,497	1/4	44,333	1/4	55,177	1/4	66,021	1/4
1/2	1,222	1/2	12,067	1/2	22,909	1/2	33,722	1/2	44,559	1/2	55,403	1/2	66,247	1/2
3/4	1,448	3/4	12,292	3/4	23,135	3/4	33,947	3/4	44,785	3/4	55,629	3/4	66,472	3/4
1	1,674	1	12,518	1	23,361	1	34,172	1	45,011	1	55,855	1	66,698	1
1 1/4	1,900	1 1/4	12,744	1 1/4	23,586	1 1/4	34,397	1 1/4	45,237	1 1/4	56,081	1 1/4	66,924	1 1/4
1 1/2	2,126	1 1/2	12,970	1 1/2	23,812	1 1/2	34,622	1 1/2	45,463	1 1/2	56,307	1 1/2	67,150	1 1/2
1 3/4	2,352	1 3/4	13,196	1 3/4	24,038	1 3/4	34,847	1 3/4	45,689	1 3/4	56,532	1 3/4	67,376	1 3/4
2	2,578	2	13,422	2	24,264	2	35,072	2	45,915	2	56,758	2	67,602	2
2 1/4	2,804	2 1/4	13,648	2 1/4	24,490	2 1/4	35,297	2 1/4	46,141	2 1/4	56,984	2 1/4	67,828	2 1/4
2 1/2	3,030	2 1/2	13,874	2 1/2	24,716	2 1/2	35,523	2 1/2	46,366	2 1/2	57,210	2 1/2	68,054	2 1/2
2 3/4	3,256	2 3/4	14,100	2 3/4	24,942	2 3/4	35,749	2 3/4	46,592	2 3/4	57,436	2 3/4	68,280	2 3/4
3	3,482	3	14,325	3	25,168	3	35,975	3	46,818	3	57,662	3	68,506	3
3 1/4	3,708	3 1/4	14,551	3 1/4	25,393	3 1/4	36,201	3 1/4	47,044	3 1/4	57,888	3 1/4	68,732	3 1/4
3 1/2	3,934	3 1/2	14,777	3 1/2	25,619	3 1/2	36,426	3 1/2	47,270	3 1/2	58,114	3 1/2	68,957	3 1/2
3 3/4	4,160	3 3/4	15,003	3 3/4	25,845	3 3/4	36,652	3 3/4	47,496	3 3/4	58,340	3 3/4	69,183	3 3/4
4	4,386	4	15,229	4	26,071	4	36,878	4	47,722	4	58,566	4	69,409	4
4 1/4	4,612	4 1/4	15,455	4 1/4	26,297	4 1/4	37,104	4 1/4	47,948	4 1/4	58,792	4 1/4	69,635	4 1/4
4 1/2	4,838	4 1/2	15,681	4 1/2	26,522	4 1/2	37,330	4 1/2	48,174	4 1/2	59,017	4 1/2	69,861	4 1/2
4 3/4	5,064	4 3/4	15,907	4 3/4	26,747	4 3/4	37,556	4 3/4	48,400	4 3/4	59,243	4 3/4	70,087	4 3/4
5	5,290	5	16,132	5	26,972	5	37,782	5	48,626	5	59,469	5	70,313	5
5 1/4	5,516	5 1/4	16,358	5 1/4	27,197	5 1/4	38,008	5 1/4	48,851	5 1/4	59,695	5 1/4	70,539	5 1/4
5 1/2	5,742	5 1/2	16,584	5 1/2	27,422	5 1/2	38,234	5 1/2	49,077	5 1/2	59,921	5 1/2	70,765	5 1/2
5 3/4	5,968	5 3/4	16,810	5 3/4	27,647	5 3/4	38,460	5 3/4	49,303	5 3/4	60,147	5 3/4	70,991	5 3/4
6	6,194	6	17,036	6	27,872	6	38,686	6	49,529	6	60,373	6	71,217	6
6 1/4	6,420	6 1/4	17,262	6 1/4	28,097	6 1/4	38,911	6 1/4	49,755	6 1/4	60,599	6 1/4	71,443	6 1/4
6 1/2	6,645	6 1/2	17,488	6 1/2	28,322	6 1/2	39,137	6 1/2	49,981	6 1/2	60,825	6 1/2	71,668	6 1/2
6 3/4	6,871	6 3/4	17,714	6 3/4	28,547	6 3/4	39,363	6 3/4	50,207	6 3/4	61,051	6 3/4	71,894	6 3/4
7	7,097	7	17,939	7	28,772	7	39,589	7	50,433	7	61,277	7	72,120	7
7 1/4	7,323	7 1/4	18,165	7 1/4	28,997	7 1/4	39,815	7 1/4	50,659	7 1/4	61,502	7 1/4	72,346	7 1/4
7 1/2	7,549	7 1/2	18,391	7 1/2	29,222	7 1/2	40,041	7 1/2	50,885	7 1/2	61,728	7 1/2	72,572	7 1/2
7 3/4	7,775	7 3/4	18,617	7 3/4	29,447	7 3/4	40,267	7 3/4	51,111	7 3/4	61,954	7 3/4	72,798	7 3/4
8	8,001	8	18,843	8	29,672	8	40,493	8	51,337	8	62,180	8	73,024	8
8 1/4	8,227	8 1/4	19,069	8 1/4	29,897	8 1/4	40,719	8 1/4	51,562	8 1/4	62,406	8 1/4	73,250	8 1/4
8 1/2	8,453	8 1/2	19,295	8 1/2	30,122	8 1/2	40,945	8 1/2	51,788	8 1/2	62,632	8 1/2	73,476	8 1/2
8 3/4	8,678	8 3/4	19,521	8 3/4	30,347	8 3/4	41,171	8 3/4	52,014	8 3/4	62,858	8 3/4	73,702	8 3/4
9	8,904	9	19,747	9	30,572	9	41,396	9	52,240	9	63,084	9	73,928	9
9 1/4	9,130	9 1/4	19,972	9 1/4	30,797	9 1/4	41,622	9 1/4	52,466	9 1/4	63,310	9 1/4	74,153	9 1/4
9 1/2	9,356	9 1/2	20,198	9 1/2	31,022	9 1/2	41,848	9 1/2	52,692	9 1/2	63,536	9 1/2	74,379	9 1/2
9 3/4	9,582	9 3/4	20,424	9 3/4	31,247	9 3/4	42,074	9 3/4	52,918	9 3/4	63,762	9 3/4	74,605	9 3/4
10	9,808	10	20,650	10	31,472	10	42,300	10	53,144	10	63,987	10	74,831	10
10 1/4	10,034	10 1/4	20,876	10 1/4	31,697	10 1/4	42,526	10 1/4	53,370	10 1/4	64,213	10 1/4	75,057	10 1/4
10 1/2	10,260	10 1/2	21,102	10 1/2	31,922	10 1/2	42,752	10 1/2	53,596	10 1/2	64,439	10 1/2	75,283	10 1/2
10 3/4	10,485	10 3/4	21,328	10 3/4	32,147	10 3/4	42,978	10 3/4	53,822	10 3/4	64,665	10 3/4	75,509	10 3/4
11	10,711	11	21,554	11	32,372	11	43,204	11	54,047	11	64,891	11	75,735	11
11 1/4	10,937	11 1/4	21,779	11 1/4	32,597	11 1/4	43,430	11 1/4	54,273	11 1/4	65,117	11 1/4	75,961	11 1/4
11 1/2	11,163	11 1/2	22,005	11 1/2	32,822	11 1/2	43,656	11 1/2	54,499	11 1/2	65,343	11 1/2	76,187	11 1/2
11 3/4	11,389	11 3/4	22,231	11 3/4	33,047	11 3/4	43,881	11 3/4	54,725	11 3/4	65,569	11 3/4	76,413	11 3/4

CAPACITY IN U. S. GALLONS

*CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 14'-11 1/4" (RIM OF STANDPIPE, HINGE SIDE)

STRAPPED FEBRUARY 15, 1974

J. E. Panton

CCL-8
BARGE "TCB-308"

TWIN CITY BARGE & TOWING COMPANY

TANK NUMBER:

2

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

DRAVO HULL NO. 6237

DRAVO HULL NO. 6237																													
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.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.
0	546	0	11,432	0	22,318	0	33,179	0	44,057	0	54,944	0	65,831	0	76,717	0	87,604	0	98,491	0	109,378	0	120,265	0	131,152	0	142,039	0	149,510
1/4	773	1/4	11,659	1/4	22,545	1/4	33,404	1/4	44,284	1/4	55,170	1/4	66,057	1/4	76,944	1/4	87,831	1/4	98,718	1/4	109,605	1/4	120,492	1/4	131,378	1/4	142,265	1/4	149,516
1/2	1,000	1/2	11,886	1/2	22,771	1/2	33,630	1/2	44,510	1/2	55,397	1/2	66,284	1/2	77,171	1/2	88,058	1/2	98,945	1/2	109,832	1/2	120,718	1/2	131,605	1/2	142,492	1/2	149,523
3/4	1,227	3/4	12,112	3/4	22,998	3/4	33,856	3/4	44,737	3/4	55,624	3/4	66,511	3/4	77,398	3/4	88,285	3/4	99,172	3/4	110,058	3/4	120,945	3/4	131,832	3/4	142,719	3/4	
1	1,453	1	12,339	1	23,225	1	34,082	1	44,964	1	55,851	1	66,738	1	77,625	1	88,511	1	99,398	1	110,285	1	121,172	1	132,059	1	142,946	1	
1 1/4	1,680	1 1/4	12,566	1 1/4	23,452	1 1/4	34,308	1 1/4	45,191	1 1/4	56,078	1 1/4	66,965	1 1/4	77,851	1 1/4	88,738	1 1/4	99,625	1 1/4	110,512	1 1/4	121,399	1 1/4	132,286	1 1/4	143,173	1 1/4	
1 1/2	1,907	1 1/2	12,793	1 1/2	23,679	1 1/2	34,534	1 1/2	45,418	1 1/2	56,305	1 1/2	67,191	1 1/2	78,078	1 1/2	88,965	1 1/2	99,852	1 1/2	110,739	1 1/2	121,626	1 1/2	132,513	1 1/2	143,399	1 1/2	
1 3/4	2,134	1 3/4	13,019	1 3/4	23,905	1 3/4	34,760	1 3/4	45,644	1 3/4	56,531	1 3/4	67,418	1 3/4	78,305	1 3/4	89,192	1 3/4	100,079	1 3/4	110,966	1 3/4	121,852	1 3/4	132,739	1 3/4	143,626	1 3/4	
2	2,360	2	13,246	2	24,132	2	34,986	2	45,871	2	56,758	2	67,645	2	78,532	2	89,419	2	100,306	2	111,192	2	122,079	2	132,966	2	143,853	2	
2 1/4	2,587	2 1/4	13,473	2 1/4	24,359	2 1/4	35,212	2 1/4	46,098	2 1/4	56,985	2 1/4	67,872	2 1/4	78,759	2 1/4	89,646	2 1/4	100,532	2 1/4	111,419	2 1/4	122,306	2 1/4	133,193	2 1/4	144,080	2 1/4	
2 1/2	2,814	2 1/2	13,700	2 1/2	24,586	2 1/2	35,438	2 1/2	46,325	2 1/2	57,212	2 1/2	68,099	2 1/2	78,985	2 1/2	89,872	2 1/2	100,759	2 1/2	111,646	2 1/2	122,533	2 1/2	133,420	2 1/2	144,307	2 1/2	
2 3/4	3,041	2 3/4	13,927	2 3/4	24,812	2 3/4	35,665	2 3/4	46,552	2 3/4	57,439	2 3/4	68,325	2 3/4	79,212	2 3/4	90,099	2 3/4	100,986	2 3/4	111,873	2 3/4	122,760	2 3/4	133,647	2 3/4	144,533	2 3/4	
3	3,268	3	14,153	3	25,039	3	35,892	3	46,779	3	57,665	3	68,552	3	79,439	3	90,326	3	101,213	3	112,100	3	122,987	3	133,873	3	144,760	3	
3 1/4	3,494	3 1/4	14,380	3 1/4	25,266	3 1/4	36,118	3 1/4	47,005	3 1/4	57,892	3 1/4	68,779	3 1/4	79,666	3 1/4	90,553	3 1/4	101,440	3 1/4	112,326	3 1/4	123,213	3 1/4	134,100	3 1/4	144,987	3 1/4	
3 1/2	3,721	3 1/2	14,607	3 1/2	25,493	3 1/2	36,345	3 1/2	47,232	3 1/2	58,119	3 1/2	69,006	3 1/2	79,893	3 1/2	90,780	3 1/2	101,666	3 1/2	112,553	3 1/2	123,440	3 1/2	134,327	3 1/2	145,214	3 1/2	
3 3/4	3,948	3 3/4	14,834	3 3/4	25,720	3 3/4	36,572	3 3/4	47,459	3 3/4	58,346	3 3/4	69,233	3 3/4	80,120	3 3/4	91,006	3 3/4	101,893	3 3/4	112,780	3 3/4	123,667	3 3/4	134,554	3 3/4	145,441	3 3/4	
4	4,175	4	15,061	4	25,946	4	36,799	4	47,686	4	58,573	4	69,459	4	80,346	4	91,233	4	102,120	4	113,007	4	123,894	4	134,781	4	145,667	4	
4 1/4	4,402	4 1/4	15,287	4 1/4	26,173	4 1/4	37,026	4 1/4	47,913	4 1/4	58,799	4 1/4	69,686	4 1/4	80,573	4 1/4	91,460	4 1/4	102,347	4 1/4	113,234	4 1/4	124,121	4 1/4	135,007	4 1/4	145,881	4 1/4	
4 1/2	4,628	4 1/2	15,514	4 1/2	26,400	4 1/2	37,253	4 1/2	48,139	4 1/2	59,026	4 1/2	69,913	4 1/2	80,800	4 1/2	91,687	4 1/2	102,574	4 1/2	113,461	4 1/2	124,347	4 1/2	135,234	4 1/2	146,094	4 1/2	
4 3/4	4,855	4 3/4	15,741	4 3/4	26,626	4 3/4	37,479	4 3/4	48,366	4 3/4	59,253	4 3/4	70,140	4 3/4	81,027	4 3/4	91,914	4 3/4	102,800	4 3/4	113,687	4 3/4	124,574	4 3/4	135,461	4 3/4	146,308	4 3/4	
5	5,082	5	15,968	5	26,852	5	37,706	5	48,593	5	59,480	5	70,367	5	81,254	5	92,140	5	103,027	5	113,914	5	124,801	5	135,688	5	146,575	5	
5 1/4	5,309	5 1/4	16,195	5 1/4	27,078	5 1/4	37,933	5 1/4	48,820	5 1/4	59,707	5 1/4	70,594	5 1/4	81,480	5 1/4	92,367	5 1/4	103,254	5 1/4	114,141	5 1/4	125,028	5 1/4	135,915	5 1/4	146,708	5 1/4	
5 1/2	5,535	5 1/2	16,421	5 1/2	27,304	5 1/2	38,160	5 1/2	49,047	5 1/2	59,933	5 1/2	70,820	5 1/2	81,707	5 1/2	92,594	5 1/2	103,481	5 1/2	114,368	5 1/2	125,255	5 1/2	136,141	5 1/2	146,895	5 1/2	
5 3/4	5,762	5 3/4	16,648	5 3/4	27,530	5 3/4	38,387	5 3/4	49,273	5 3/4	60,160	5 3/4	71,047	5 3/4	81,934	5 3/4	92,821	5 3/4	103,708	5 3/4	114,595	5 3/4	125,481	5 3/4	136,368	5 3/4	147,082	5 3/4	
6	5,989	6	16,875	6	27,756	6	38,613	6	49,500	6	60,387	6	71,274	6	82,161	6	93,048	6	103,935	6	114,821	6	125,708	6	136,595	6	147,268	6	
6 1/4	6,216	6 1/4	17,102	6 1/4	27,982	6 1/4	38,840	6 1/4	49,727	6 1/4	60,614	6 1/4	71,501	6 1/4	82,388	6 1/4	93,274	6 1/4	104,161	6 1/4	115,048	6 1/4	125,935	6 1/4	136,822	6 1/4	147,429	6 1/4	
6 1/2	6,443	6 1/2	17,328	6 1/2	28,208	6 1/2	39,067	6 1/2	49,954	6 1/2	60,841	6 1/2	71,728	6 1/2	82,614	6 1/2	93,501	6 1/2	104,388	6 1/2	115,275	6 1/2	126,162	6 1/2	137,049	6 1/2	147,589	6 1/2	
6 3/4	6,669	6 3/4	17,555	6 3/4	28,434	6 3/4	39,294	6 3/4	50,181	6 3/4	61,068	6 3/4	71,954	6 3/4	82,841	6 3/4	93,728	6 3/4	104,615	6 3/4	115,502	6 3/4	126,389	6 3/4	137,276	6 3/4	147,749	6 3/4	
7	6,896	7	17,782	7	28,659	7	39,521	7	50,407	7	61,294	7	72,181	7	83,068	7	93,955	7	104,842	7	115,729	7	126,615	7	137,502	7	147,909	7	
7 1/4	7,123	7 1/4	18,009	7 1/4	28,885	7 1/4	39,747	7 1/4	50,634	7 1/4	61,521	7 1/4	72,408	7 1/4	83,295	7 1/4	94,182	7 1/4	105,069	7 1/4	115,955	7 1/4	126,842	7 1/4	137,729	7 1/4	148,042	7 1/4	
7 1/2	7,350	7 1/2	18,236	7 1/2	29,111	7 1/2	39,974	7 1/2	50,861	7 1/2	61,748	7 1/2	72,635	7 1/2	83,522	7 1/2	94,409	7 1/2	105,295	7 1/2	116,182	7 1/2	127,069	7 1/2	137,956	7 1/2	148,176	7 1/2	
7 3/4	7,577	7 3/4	18,462	7 3/4	29,337	7 3/4	40,201	7 3/4	51,088	7 3/4	61,975	7 3/4	72,862	7 3/4	83,748	7 3/4	94,635	7 3/4	105,522	7 3/4	116,409	7 3/4	127,296	7 3/4	138,183	7 3/4	148,309	7 3/4	
8	7,803	8	18,689	8	29,563	8	40,428	8	51,315	8	62,202	8	73,088	8	83,975	8	94,862	8	105,749	8	116,636	8	127,523	8	138,410	8	148,443	8	
8 1/4	8,030	8 1/4	18,916	8 1/4	29,789	8 1/4	40,655	8 1/4	51,542	8 1/4	62,428	8 1/4	73,315	8 1/4	84,202	8 1/4	95,089	8 1/4	105,976	8 1/4	116,863	8 1/4	127,750	8 1/4	138,636	8 1/4	148,549	8 1/4	
8																													

CCL-8
BARGE "TCB 308"

TWIN CITY BARGE & TOWING COMPANY

TANK NUMBER:

3

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

DRAVO HULL NO. 6237

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	FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	998	11,858	22,719	33,579	44,441	55,302	66,164	77,026	87,888	98,750	109,611	120,472	131,333	142,194
1	1,224	12,085	22,945	33,805	44,667	55,529	66,390	77,252	88,114	98,976	109,838	120,699	131,560	142,421
2	1,450	12,311	23,172	34,032	44,893	55,755	66,617	77,479	88,340	99,202	110,064	120,925	131,786	142,647
3	1,676	12,537	23,398	34,258	45,119	55,981	66,843	77,705	88,567	99,428	110,290	121,151	132,012	142,873
4	1,903	12,763	23,624	34,484	45,346	56,208	67,069	77,931	88,793	99,655	110,517	121,378	132,239	143,100
5	2,129	12,990	23,851	34,710	45,572	56,434	67,296	78,157	89,019	99,881	110,743	121,604	132,465	143,326
6	2,355	13,216	24,077	34,937	45,798	56,660	67,522	78,384	89,246	100,107	110,969	121,830	132,691	143,552
7	2,581	13,442	24,303	35,163	46,025	56,886	67,748	78,610	89,472	100,334	111,196	122,057	132,918	143,778
8	2,808	13,669	24,529	35,389	46,251	57,113	67,974	78,836	89,698	100,560	111,419	122,283	133,144	144,004
9	3,034	13,895	24,756	35,615	46,477	57,339	68,201	79,063	89,924	100,786	111,644	122,509	133,370	144,230
10	3,260	14,121	24,982	35,842	46,703	57,565	68,427	79,289	90,151	101,013	111,869	122,735	133,596	144,456
11	3,487	14,347	25,208	36,068	46,930	57,792	68,653	79,515	90,377	101,239	112,094	122,961	133,822	144,682
12	3,713	14,574	25,434	36,294	47,156	58,018	68,880	79,741	90,603	101,465	112,319	123,189	134,048	144,908
13	3,939	14,800	25,661	36,520	47,382	58,244	69,106	79,969	90,830	101,691	112,544	123,415	134,274	145,134
14	4,165	15,026	25,887	36,747	47,609	58,470	69,332	80,194	91,056	101,918	112,769	123,641	134,500	145,360
15	4,392	15,252	26,113	36,973	47,835	58,697	69,559	80,420	91,282	102,144	112,994	123,867	134,726	145,586
16	4,618	15,479	26,339	37,199	48,061	58,923	69,785	80,647	91,508	102,370	113,219	124,094	134,952	145,812
17	4,844	15,705	26,566	37,426	48,287	59,149	70,011	80,873	91,735	102,597	113,444	124,320	135,178	146,038
18	5,070	15,931	26,792	37,652	48,514	59,376	70,237	81,099	91,961	102,823	113,669	124,546	135,404	146,264
19	5,297	16,157	27,018	37,878	48,740	59,602	70,464	81,325	92,187	103,049	113,894	124,772	135,630	146,490
20	5,523	16,384	27,244	38,105	48,966	59,828	70,690	81,552	92,414	103,275	114,119	124,998	135,856	146,716
21	5,749	16,610	27,471	38,331	49,193	60,054	70,916	81,778	92,640	103,502	114,344	125,224	136,082	146,942
22	5,975	16,836	27,697	38,557	49,419	60,281	71,143	82,004	92,866	103,728	114,569	125,450	136,308	147,168
23	6,202	17,063	27,923	38,783	49,645	60,507	71,369	82,231	93,092	103,954	114,792	125,676	136,534	147,394
24	6,428	17,289	28,149	39,010	49,871	60,733	71,595	82,457	93,319	104,181	115,014	125,902	136,760	147,620
25	6,654	17,515	28,376	39,236	50,098	60,960	71,821	82,683	93,545	104,407	115,237	126,128	136,986	147,846
26	6,881	17,741	28,602	39,462	50,324	61,186	72,048	82,909	93,771	104,633	115,459	126,354	137,212	148,072
27	7,107	17,968	28,828	39,689	50,550	61,412	72,274	83,136	93,998	104,859	115,682	126,580	137,438	148,298
28	7,333	18,194	29,054	39,915	50,777	61,638	72,500	83,362	94,224	105,086	115,904	126,806	137,664	148,524
29	7,559	18,420	29,281	40,141	51,003	61,865	72,727	83,588	94,450	105,312	116,126	127,032	137,890	148,750
30	7,786	18,646	29,507	40,367	51,229	62,091	72,953	83,815	94,676	105,538	116,349	127,258	138,116	148,976
31	8,012	18,873	29,733	40,594	51,455	62,317	73,179	84,041	94,903	105,765	116,571	127,484	138,342	149,202
32	8,238	19,099	29,959	40,820	51,682	62,544	73,408	84,267	95,129	105,991	116,794	127,710	138,568	149,428
33	8,464	19,325	30,186	41,046	51,908	62,770	73,634	84,493	95,355	106,217	117,016	127,936	138,794	149,654
34	8,691	19,551	30,412	41,273	52,134	62,996	73,860	84,720	95,582	106,443	117,239	128,162	139,020	149,880
35	8,917	19,778	30,638	41,499	52,361	63,222	74,084	84,946	95,808	106,670	117,461	128,388	139,246	150,106
36	9,143	20,004	30,864	41,725	52,587	63,449	74,311	85,172	96,034	106,896	117,684	128,614	139,472	150,332
37	9,369	20,230	31,090	41,951	52,813	63,675	74,537	85,399	96,260	107,122	117,906	128,840	139,698	150,558
38	9,596	20,457	31,317	42,178	53,039	63,901	74,763	85,625	96,487	107,349	118,129	129,066	139,924	150,784
39	9,822	20,683	31,543	42,404	53,266	64,128	74,989	85,851	96,713	107,575	118,348	129,292	140,150	151,010
40	10,048	20,909	31,769	42,630	53,492	64,354	75,216	86,078	96,939	107,801	118,568	129,518	140,376	151,236
41	10,275	21,135	31,995	42,857	53,718	64,580	75,442	86,304	97,166	108,027	118,788	129,744	140,602	151,462
42	10,501	21,362	32,222	43,083	53,945	64,806	75,668	86,530	97,392	108,254	119,008	129,970	140,828	151,688
43	10,727	21,588	32,448	43,309	54,171	65,033	75,895	86,756	97,618	108,480	119,228	130,196	141,054	151,914
44	10,953	21,814	32,674	43,535	54,397	65,259	76,121	86,983	97,844	108,706	119,448	130,422	141,280	152,140
45	11,180	22,040	32,900	43,762	54,624	65,485	76,347	87,209	98,071	108,933	119,668	130,648	141,506	152,366
46	11,406	22,267	33,127	43,988	54,850	65,712	76,573	87,435	98,297	109,159	119,888	130,874	141,732	152,592
47	11,632	22,493	33,353	44,214	55,076	65,938	76,800	87,662	98,523	109,385	120,108	131,099	141,958	152,818

CAPACITY IN U. S. GALLONS

*CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 14'-11 1/4" (RIM OF STANDPIPE, HINGE SIDE)

STRAPPED FEBRUARY 15, 1974

J. E. Kinton