



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

Certification Date: 03 Jun 2021
Expiration Date: 03 Jun 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-1	518612			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
JEFFERSONVILLE, IN	31Dec1969		R-812	R-812		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 Engineer	
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 six (6) months in any twelve (12) month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a) (1) and the cognizant OCMI must be 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 Amended certificate issued by: <i>M. J. NOYAK</i> LCDR, USCG, by direction Officer in Charge, Marine Inspection New Orleans, LA Inspection Zone
Date	Zone	A/P/R	Signature	
30Aug2022	MSU BatonRge	A	CAPESTANY ERIC	
28Jun2023	MSU BatonRge	A	BAILEY GREGORY	
29Mar2024	BATU	P	<i>[Signature]</i> 6512	
10Jul25	BATU	P	<i>[Signature]</i> 6512	



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30Aug2022	MSU BatonRge	A	CAPESTANY ERIC	Officer in Charge, Marine Inspection	
28Jun2023	MSU BatonRge	A	BAILEY GREGORY	New Orleans, LA	
29May2024	BATON ROUGE	P	BAILEY GREGORY	Inspection Zone	



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Certificate of Inspection

Vessel Name: CCL-1

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	13Sep2026	13Sep2016	14Apr2008
Internal Structure	30Jun2026	03Jun2021	13Sep2016

--- 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
9340	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 THRU 3	646	13.5

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1847	11ft 0in	13.5	RIVERS
III	1723	10ft 5in	8.7	LAKES, BAYS AND SOUNDS
III	1689	10ft 3in	12.7	LAKES, BAYS AND SOUNDS
III	1670	10ft 2in	13.5	LAKES, BAYS AND SOUNDS

Conditions Of Carriage

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial #VN80009441, dated 04DEC2000, and Grade "A" and lower cargoes may be carried.

Per 46 CFR 150.130, the Person in Charge of the vessel is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using figures, tables and appendices of 46 CFR 150 in conjunction with the compatibility group numbers from the "COMPAT GRP" column listed in the vessel's CAA.

Cargo tanks must be loaded uniformly whenever a 46 CFR Subchapter "O" cargo is carried; for trim purposes, the weight of cargo in each tank may exceed the uniformly loaded tank cargo weight by at most 5 percent.

OIL PROHIBITION

No Vessel Response

This vessel is prohibited from carrying those cargoes that are considered "oil" for the purposes of the Federal Water Pollution Control Act as amended by the Oil Pollution Act of 1990 which requires a vessel response plan in accordance with 33 CFR 155 Subpart D.

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.

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.



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Vessel Name: CCL-1

BENZENE PROHIBITION

Vessel not authorized to carry Benzene or Benzene containing cargoes with a Benzene concentration of 0.5% or more.

--- Inspection Status ---

Fuel Tanks

Internal Examinations

Tank ID	Previous	Last	Next
STBD Bow	-	09Aug2016	-

Cargo Tanks

Internal Exam

Tank Id	Previous	Last	Next	External Exam Previous	Last	Next
1 THRU 3	14Apr2008	13Sep2016	13Sep2026	-	-	-

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 THRU 3	-	-	-	-

---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 Transportation
United States Coast Guard

Serial #: VN80009441
COI Ref: 04-Dec-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CCL-1

Official #: D518612

Page 1 of 1

Shipyard: JEFFBOAT INC

Hull #: 2228

List of Authorized Cargoes

Cargo Identification							Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction	
		Group No	Exc					
Authorized Subchapter O Cargoes								
Iso-Butyraldehyde	BAD	19	N	C	III			
n-Butyraldehyde	BTR	19	N	C	III			
Carbon tetrachloride	CBT	36	N		III	No		
Creosote (all isomers)	CCW	21	Y	E	III	No		
Caustic potash solution	CPS	5	Y		III	.50-73, .55-1(j)		
Chlorobenzene	CRB	36	N	D	III	No		
Chloroform	CRF	36	N	E	III	No		
Cresols	CRS	21	N	E	III	No		
Caustic soda solution	CSS	5	Y		III	.50-73, .55-1(j)		
2-Ethylhexyl acrylate	EAI	14	N	E	III	.50-70(a), .50-81(a), (b)		
Ethylene glycol propyl ether	EGP	40	N	E	III	No		
Ethylene cyanohydrin	ETC	20	N	E	III	No		
Glutaraldehyde solution (50% or less)	GTA	19	N	NF	III	No		
Isoprene	IPR	30	N	A	III	.50-70(a), .50-81(a), (b)		
Sodium chlorate solution (50% or less)	SDD	0	Y	NF	III	.50-73		
Styrene	STY	30	N	D	III	.50-70(a), .50-81(a), (b)		
Vinyl acetate	VAM	13	N	C	III	.50-70(a), .50-81(a), (b)		

Explanation of terms & symbols used in the Table:

Cargo Identification

Name	The proper shipping name as listed in 46 CFR Table 151.05.
Chem Code	The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
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.
Exceptions (Exc)	Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 46 CFR Part 150.
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 NA, NF # Flammable liquid cargoes, as defined in 46 CFR 30-10.22. Combustible liquid cargoes, as defined in 46 CFR 30-10.15. 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	The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1. I II III 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).

Conditions of Carriage

Note	See Certificate of Inspection for explanation of symbols used in this column.
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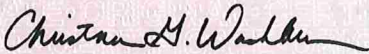


UNITED STATES OF AMERICA

DEPARTMENT OF HOMELAND SECURITY
UNITED STATES COAST GUARD

NATIONAL VESSEL DOCUMENTATION CENTER

CERTIFICATE OF DOCUMENTATION

VESSEL NAME CCL-1		OFFICIAL NUMBER 518612	IMO OR OTHER NUMBER 2228	YEAR COMPLETED 1969	
HAILING PORT NEW ORLEANS LA		HULL MATERIAL STEEL		MECHANICAL PROPULSION NO	
GROSS TONNAGE 812 GRT	NET TONNAGE 812 NRT	LENGTH 195.1	BREADTH 35.1	DEPTH 10.8	
PLACE BUILT JEFFERSONVILLE IN					
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 1	TANKBARGE D		812	841310 - 21	9/2/2022	9/2/2025	CHEM CARRIERS, L.L.C	D518612	
 CCL 10	TANKBARGE		773	841310 - 21	12/12/2020	12/12/2023	CHEM CARRIERS, L.L.C	D551979	
 CCL 11	TANKBARGE		773	841310 - 21	9/29/2019	9/29/2022	CHEM CARRIERS, L.L.C	D551976	
 CCL 14	TANKBARGE D		735	841310 - 21	9/22/2022	9/22/2025	CHEM CARRIERS, L.L.C	D4497784	
 CCL 15	TANKBARGE		735	841310 - 21	3/1/2021	3/1/2024	CHEM CARRIERS, L.L.C	D1164452	
 CCL 16	TANKBARGE D		735	841310 - 21	9/14/2021	9/14/2024	CHEM CARRIERS, L.L.C	D1164666	
 CCL 17	TANKBARGE		735	841310 - 21	1/31/2020	1/31/2023	CHEM CARRIERS, L.L.C	D1166179	
 CCL 18	TANKBARGE		735	841310 - 21	7/1/2020	7/1/2023	CHEM CARRIERS, L.L.C	D1168981	
 CCL 19	TANKBARGE		735	841310 - 21	8/24/2020	8/24/2023	CHEM CARRIERS, L.L.C	D1168980	

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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>7/10/2025</u>	M.A.W.P. <u>125 psi</u>
Vessel: <u>CCL-1</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

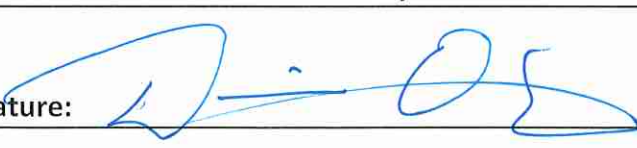
**** Fill out completely. Write N/A on any non-applicable line. ****

Date:	Barge Piping:	Results	Note:
<u>7/10/2025</u>	<u>Cargo piping & valves</u>	<u>188</u> p.s.i	
<u>7/10/2025</u>	<u>Cargo pressure gauges</u>	<u>98</u> % accurate	
<u>7/10/2025</u>	<u>Steam piping & valves</u>	<u>125</u> 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>Derrin Oby</u>
Tester signature:	

VLS Recovery Services

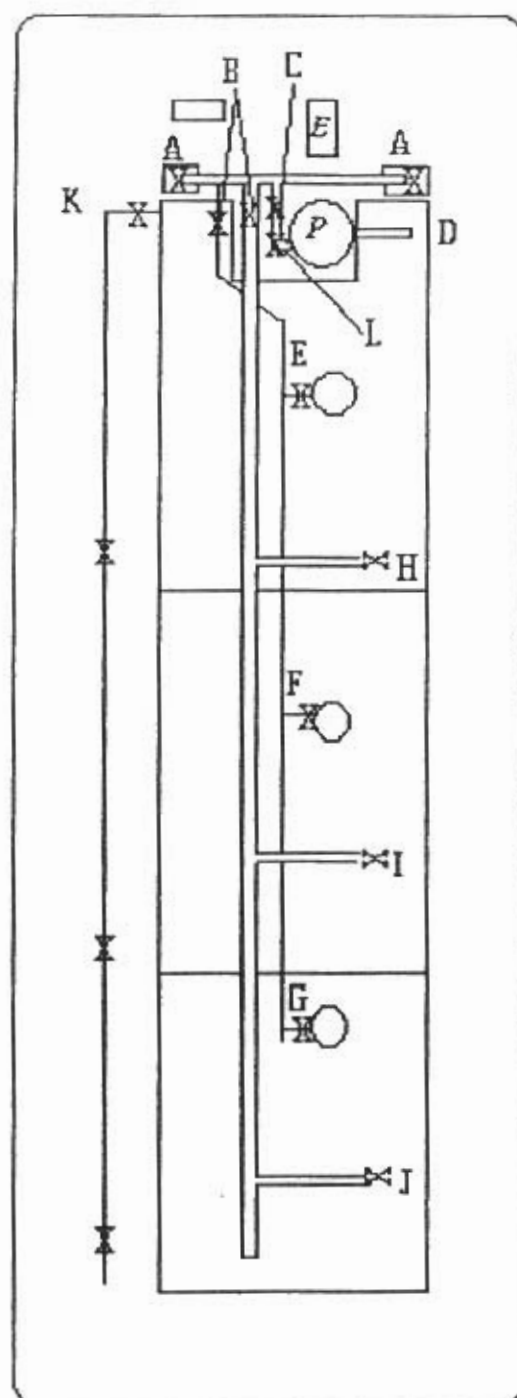
Committed to providing the most reliable, efficient, and cost-effective recovery services for waste management, railcar cleaning, marine cleaning, marine repairs & industrial cleaning

CCL 1

PIPING DIAGRAM

- A. Header Discharge and Load Valves
- B. Main Load Valves
- C. Main Discharge Valve
- D. Pump Prime Valves/Pumps
- E. #1 Cargo Tank Valve
- F. #2 Cargo Tank Valve
- G. #3 Cargo Tank Valve
- H. #1 Cargo Tank Overhead Load Line Valve
- I. #2 Cargo Tank Overhead Load Line Valve
- J. #3 Cargo Tank Overhead Load Line Valve
- K. Main Steam Supply Valve
- L. 8" Swing Check Valve

P=PUMP
E=ENGINE



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 1

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 applies 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 1 is equipped with an overhead load line with a load valve 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 then be closed, sealed off with a blind flange and shore personnel should seal lines and hatches on vessel.

PARTS 8: REPORTING OIL 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 1-800-424-8802.
- 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.

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
October 16, 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

Ref: (a) Your correspondence dated September 18, 2024
(b) Title 33 Code of Federal Regulations (CFR) Part 104

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.**" The list of vessels covered by this letter is attached as enclosure (1).

Your vessels 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 this letter unless rescinded in writing by the local COTP/OCMI. You must review your plans annually and submit any amendments to this office for approval. Please ensure that a copy of the VSP is maintained on board the vessels 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

Enclosure: (1) 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

<u>Vessel Name</u>	<u>Official Number (O.N.)</u>
CCL 415-T	1262942
CCL 416-T	1264691
CCL 417 T	1298307
CCL 418-L	1306896
CCL 419-L	1306897
CCL 420-T	1348560
CCL 421-T	CG1843359
HFL 413	1237482
HFL 415	1237483
HFL 435	1236563
HFL 605	1237484

INNAGE TABLE

IN	0 FT	IN	1 FT	IN	2 FT	IN	3 FT	IN	4 FT	IN	5 FT	IN	6 FT	IN	7 FT	IN	8 FT	IN	9 FT	IN	10 FT	IN	11 FT	IN
0	1.8	0	7.835	0	1.8184	0	2.8572	0	3.8948	0	4.9340	0	5.9732	0	7.0123	0	8.0515	0	9.0906	0	10.1298	0	11.1689	0
W	7.7	W	8.048	W	1.8401	W	2.8789	W	3.9165	W	4.9556	W	5.9948	W	7.0340	W	8.0731	W	9.1123	W	10.1514	W	11.1906	W
W	1.7	W	8.261	W	1.8617	W	2.9005	W	3.9381	W	4.9777	W	6.0164	W	7.0556	W	8.0948	W	9.1339	W	10.1731	W	11.2122	W
1	2.6	1	8.474	1	1.8814	1	2.9221	1	3.9598	1	4.9989	1	6.0381	1	7.0773	1	8.1164	1	9.1556	1	10.1947	1	11.2339	1
W	3.5	W	8.687	W	1.9050	W	2.9437	W	3.9814	W	5.0206	W	6.0597	W	7.0989	W	8.1381	W	9.1772	W	10.2164	W	11.2555	W
W	4.5	W	8.901	W	1.9266	W	2.9653	W	4.0031	W	5.0422	W	6.0814	W	7.1205	W	8.1597	W	9.1989	W	10.2380	W	11.2772	W
W	5.5	W	9.118	W	1.9482	W	2.9869	W	4.0247	W	5.0639	W	6.1030	W	7.1422	W	8.1813	W	9.2205	W	10.2597	W	11.2988	W
2	6.5	2	9.333	2	1.9699	2	3.0085	2	4.0464	2	5.0855	2	6.1247	2	7.1638	2	8.2030	2	9.2422	2	10.2813	2	11.3205	2
W	7.6	W	9.549	W	1.9916	W	3.0301	W	4.0680	W	5.1072	W	6.1463	W	7.1855	W	8.2246	W	9.2638	W	10.3030	W	11.3421	W
W	8.7	W	9.764	W	2.0132	W	3.0517	W	4.0897	W	5.1288	W	6.1680	W	7.2071	W	8.2463	W	9.2854	W	10.3246	W	11.3638	W
3	10.7	3	9.979	3	2.0349	3	3.0733	3	4.1113	3	5.1505	3	6.1896	3	7.2288	3	8.2679	3	9.3071	3	10.3462	3	11.3854	3
W	12.2	W	1.0195	W	2.0565	W	3.0949	W	4.1330	W	5.1721	W	6.2113	W	7.2504	W	8.2896	W	9.3287	W	10.3679	W	11.4071	W
W	13.7	W	1.0410	W	2.0782	W	3.1165	W	4.1546	W	5.1938	W	6.2329	W	7.2721	W	8.3112	W	9.3504	W	10.3895	W	11.4287	W
W	14.7	W	1.0625	W	2.0998	W	3.1381	W	4.1763	W	5.2154	W	6.2546	W	7.2937	W	8.3329	W	9.3720	W	10.4112	W	11.4503	W
4	15.7	W	1.0841	W	2.1215	W	3.1597	W	4.1979	W	5.2371	W	6.2762	W	7.3154	W	8.3545	W	9.3937	W	10.4328	W	11.4720	W
W	16.9	W	1.1026	W	2.1431	W	3.1814	W	4.2196	W	5.2587	W	6.2979	W	7.3370	W	8.3762	W	9.4153	W	10.4545	W	11.4936	W
W	18.5	W	1.1271	W	2.1648	W	3.2030	W	4.2412	W	5.2804	W	6.3195	W	7.3587	W	8.3978	W	9.4370	W	10.4761	W	11.5153	W
W	20.1	W	1.1487	W	2.1864	W	3.2246	W	4.2629	W	5.3020	W	6.3412	W	7.3803	W	8.4195	W	9.4586	W	10.4978	W	11.5369	W
5	21.8	W	1.1702	W	2.2081	W	3.2462	W	4.2845	W	5.3237	W	6.3628	W	7.4020	W	8.4411	W	9.4803	W	10.5194	W	11.5586	W
W	23.4	W	1.1917	W	2.2297	W	3.2678	W	4.3062	W	5.3453	W	6.3845	W	7.4236	W	8.4628	W	9.5019	W	10.5411	W	11.5802	W
W	25.0	W	1.2133	W	2.2514	W	3.2894	W	4.3278	W	5.3670	W	6.4061	W	7.4453	W	8.4844	W	9.5236	W	10.5627	W	11.6019	W
W	26.7	W	1.2348	W	2.2730	W	3.3110	W	4.3495	W	5.3886	W	6.4278	W	7.4669	W	8.5061	W	9.5452	W	10.5844	W	11.6235	W
W	28.4	W	1.2563	W	2.2947	W	3.3326	W	4.3711	W	5.4103	W	6.4494	W	7.4886	W	8.5277	W	9.5669	W	10.6060	W	11.6452	W
6	30.0	W	1.2779	W	2.3163	W	3.3542	W	4.3928	W	5.4319	W	6.4711	W	7.5102	W	8.5494	W	9.5885	W	10.6277	W	11.6668	W
W	31.7	W	1.2994	W	2.3380	W	3.3758	W	4.4144	W	5.4536	W	6.4927	W	7.5319	W	8.5710	W	9.6102	W	10.6493	W	11.6885	W
W	33.4	W	1.3209	W	2.3596	W	3.3974	W	4.4361	W	5.4752	W	6.5144	W	7.5535	W	8.5927	W	9.6318	W	10.6710	W	11.7101	W
W	35.2	W	1.3425	W	2.3813	W	3.4190	W	4.4577	W	5.4969	W	6.5360	W	7.5752	W	8.6143	W	9.6535	W	10.6926	W	11.7318	W
W	36.9	W	1.3640	W	2.4029	W	3.4406	W	4.4794	W	5.5185	W	6.5577	W	7.5968	W	8.6360	W	9.6751	W	10.7143	W	11.7534	W
7	38.6	W	1.3855	W	2.4246	W	3.4622	W	4.5010	W	5.5402	W	6.5793	W	7.6185	W	8.6576	W	9.6968	W	10.7359	W	11.7751	W
W	40.4	W	1.4071	W	2.4462	W	3.4839	W	4.5227	W	5.5618	W	6.6010	W	7.6401	W	8.6793	W	9.7184	W	10.7576	W	11.7967	W
W	42.3	W	1.4287	W	2.4679	W	3.5055	W	4.5443	W	5.5835	W	6.6226	W	7.6618	W	8.7009	W	9.7401	W	10.7792	W	11.8184	W
W	44.2	W	1.4504	W	2.4895	W	3.5271	W	4.5660	W	5.6051	W	6.6443	W	7.6834	W	8.7226	W	9.7617	W	10.8009	W	11.8400	W
8	46.1	W	1.4720	W	2.5112	W	3.5487	W	4.5876	W	5.6268	W	6.6659	W	7.7051	W	8.7442	W	9.7834	W	10.8225	W	11.8617	W
W	48.0	W	1.4937	W	2.5328	W	3.5703	W	4.6093	W	5.6484	W	6.6876	W	7.7267	W	8.7659	W	9.8050	W	10.8442	W	11.8833	W
W	50.0	W	1.5153	W	2.5545	W	3.5919	W	4.6309	W	5.6701	W	6.7092	W	7.7484	W	8.7875	W	9.8267	W	10.8658	W	11.9050	W
W	51.9	W	1.5370	W	2.5761	W	3.6135	W	4.6526	W	5.6917	W	6.7309	W	7.7700	W	8.8092	W	9.8483	W	10.8875	W	11.9266	W
9	53.9	W	1.5586	W	2.5978	W	3.6351	W	4.6742	W	5.7134	W	6.7525	W	7.7917	W	8.8308	W	9.8700	W	10.9091	W	11.9483	W
W	55.9	W	1.5803	W	2.6194	W	3.6567	W	4.6959	W	5.7350	W	6.7742	W	7.8133	W	8.8525	W	9.8916	W	10.9308	W	11.9699	W
W	57.8	W	1.6019	W	2.6411	W	3.6784	W	4.7175	W	5.7567	W	6.7958	W	7.8350	W	8.8741	W	9.9133	W	10.9524	W	11.9916	W
W	59.8	W	1.6236	W	2.6627	W	3.7000	W	4.7392	W	5.7783	W	6.8175	W	7.8566	W	8.8958	W	9.9349	W	10.9741	W	12.0132	W
10	61.8	W	1.6452	W	2.6844	W	3.7217	W	4.7608	W	5.8000	W	6.8391	W	7.8783	W	8.9174	W	9.9566	W	10.9957	W	12.0349	W
W	63.9	W	1.6669	W	2.7060	W	3.7433	W	4.7825	W	5.8216	W	6.8608	W	7.8999	W	8.9391	W	9.9782	W	11.0174	W	12.0565	W
W	65.9	W	1.6885	W	2.7276	W	3.7650	W	4.8041	W	5.8433	W	6.8824	W	7.9216	W	8.9607	W	9.9999	W	11.0390	W	12.0782	W
W	67.9	W	1.7102	W	2.7492	W	3.7866	W	4.8258	W	5.8649	W	6.9041	W	7.9432	W	8.9824	W	10.0215	W	11.0607	W	12.0998	W
11	70.0	W	1.7318	W	2.7708	W	3.8083	W	4.8474	W	5.8866	W	6.9257	W	7.9649	W	9.0040	W	10.0432	W	11.0823	W	12.1215	W
W	72.1	W	1.7535	W	2.7924	W	3.8299	W	4.8691	W	5.9082	W	6.9474	W	7.9865	W	9.0257	W	10.0648	W	11.1040	W	12.1431	W
W	74.1	W	1.7751	W	2.8140	W	3.8515	W	4.8907	W	5.9299	W	6.9690	W	8.0082	W	9.0473	W	10.0865	W	11.1256	W	12.1648	W
12	76.2	W	1.7968	W	2.8356	W	3.8732	W	4.9124	W	5.9515	W	6.9907	W	8.0298	W	9.0690	W	10.1081	W	11.1471	W	12.1864	W

CAPACITIES GIVEN IN U. S. GALLONS

NOTE: GAGE LOCATION CENTERED IN COMPARTMENT.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED VESSEL ONLY. NO CHANGES OF
 TANK KIND OR CAPACITY MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

Measured By: OPS
 Checked By: WLS
 DATE: MARCH 1969

Date of Issue - March 6, 1969



E. W. SAYBOLT & CO., INC.

By *William L. Schroeder*
 DEPUTY INSPECTOR OF PETROLEUM
 APPROVED BY NEW YORK PRODUCT EXCHANGE

NO. 2

GAUGE HEIGHT 15'-0"

IN		0 FT		1 FT		2 FT		3 FT		4 FT		5 FT		6 FT		7 FT		8 FT		9 FT		10 FT		11 FT	
0	18	0	9022	0	19439	0	29853	0	40267	0	50681	0	61095	0	71509	0	81922	0	92336	0	102750	0	113164	0	123578
W	92	W	9219	W	19626	W	30062	W	40466	W	50880	W	61294	W	71708	W	82122	W	92536	W	102950	W	113364	W	123778
W	166	W	9456	W	19873	W	30286	W	40683	W	51101	W	61520	W	71938	W	82357	W	92775	W	103193	W	113607	W	124021
W	240	W	9673	W	20090	W	30502	W	40900	W	51319	W	61737	W	72155	W	82574	W	92992	W	103410	W	113824	W	124238
W	315	W	9890	W	20307	W	30718	W	41117	W	51535	W	61954	W	72372	W	82791	W	93209	W	103627	W	114041	W	124455
W	429	W	10107	W	20524	W	30925	W	41334	W	51752	W	62171	W	72589	W	83008	W	93426	W	103844	W	114258	W	124669
W	563	W	10324	W	20743	W	31151	W	41551	W	51970	W	62388	W	72806	W	83225	W	93643	W	104062	W	114480	W	124880
W	688	W	10541	W	20959	W	31368	W	41768	W	52187	W	62605	W	73023	W	83442	W	93860	W	104279	W	114697	W	125097
W	812	W	10758	W	21176	W	31584	W	41983	W	52404	W	62822	W	73240	W	83659	W	94077	W	104496	W	114914	W	125314
W	966	W	10973	W	21393	W	31801	W	42202	W	52621	W	63039	W	73457	W	83876	W	94294	W	104713	W	115131	W	125531
W	1161	W	11192	W	21610	W	32017	W	42419	W	52838	W	63256	W	73675	W	84093	W	94511	W	104930	W	115349	W	125749
W	1335	W	11409	W	21827	W	32234	W	42636	W	53055	W	63473	W	73892	W	84310	W	94728	W	105147	W	115568	W	125968
W	1509	W	11626	W	22044	W	32450	W	42853	W	53272	W	63690	W	74109	W	84527	W	94945	W	105366	W	115788	W	126189
W	1709	W	11843	W	22261	W	32666	W	43070	W	53489	W	63907	W	74326	W	84744	W	95162	W	105588	W	115999	W	126409
W	1908	W	12060	W	22478	W	32883	W	43288	W	53706	W	64124	W	74543	W	84961	W	95380	W	105809	W	116216	W	126629
W	2107	W	12277	W	22695	W	33099	W	43505	W	53923	W	64341	W	74760	W	85178	W	95597	W	106015	W	116433	W	126849
W	2306	W	12494	W	22912	W	33316	W	43722	W	54140	W	64558	W	74977	W	85395	W	95814	W	106232	W	116650	W	127069
W	2505	W	12711	W	23129	W	33532	W	43939	W	54357	W	64775	W	75194	W	85612	W	96031	W	106449	W	116867	W	127289
W	2705	W	12928	W	23346	W	33749	W	44151	W	54570	W	64993	W	75411	W	85829	W	96248	W	106666	W	117085	W	127509
W	2905	W	13145	W	23563	W	33963	W	44373	W	54791	W	65210	W	75628	W	86046	W	96465	W	106883	W	117302	W	127729
W	3104	W	13362	W	23780	W	34182	W	44590	W	55008	W	65427	W	75845	W	86263	W	96682	W	107100	W	117519	W	127949
W	3303	W	13580	W	23997	W	34398	W	44807	W	55222	W	65644	W	76062	W	86480	W	96899	W	107317	W	117736	W	128169
W	3503	W	13797	W	24214	W	34615	W	45024	W	55442	W	65861	W	76279	W	86698	W	97116	W	107534	W	117953	W	128389
W	3702	W	14014	W	24431	W	34831	W	45241	W	55659	W	66078	W	76496	W	86915	W	97333	W	107751	W	118170	W	128609
W	3902	W	14231	W	24648	W	35047	W	45458	W	55876	W	66293	W	76713	W	87132	W	97550	W	107968	W	118387	W	128829
W	4101	W	14448	W	24865	W	35264	W	45675	W	56093	W	66512	W	76930	W	87350	W	97767	W	108185	W	118604	W	129049
W	4300	W	14665	W	25082	W	35480	W	45892	W	56311	W	66729	W	77147	W	87568	W	97984	W	108403	W	118821	W	129269
W	4500	W	14882	W	25299	W	35697	W	46109	W	56528	W	66946	W	77364	W	87783	W	98201	W	108620	W	119038	W	129489
W	4699	W	15099	W	25516	W	35913	W	46326	W	56743	W	67163	W	77581	W	88000	W	98418	W	108837	W	119255	W	129709
W	4898	W	15316	W	25733	W	36130	W	46543	W	56962	W	67380	W	77798	W	88217	W	98635	W	109054	W	119472	W	129929
W	5115	W	15533	W	25950	W	36346	W	46760	W	57179	W	67597	W	78016	W	88435	W	98852	W	109271	W	119689	W	130149
W	5332	W	15750	W	26167	W	36563	W	46977	W	57396	W	67814	W	78233	W	88653	W	99069	W	109488	W	119906	W	130369
W	5549	W	15967	W	26384	W	36779	W	47194	W	57613	W	68031	W	78450	W	88868	W	99286	W	109705	W	120123	W	130589
W	5766	W	16184	W	26601	W	36995	W	47411	W	57830	W	68248	W	78667	W	89085	W	99503	W	109922	W	120340	W	130809
W	5983	W	16401	W	26818	W	37212	W	47629	W	58047	W	68465	W	78884	W	89303	W	99721	W	110139	W	120557	W	131029
W	6200	W	16618	W	27035	W	37428	W	47846	W	58264	W	68683	W	79101	W	89519	W	99938	W	110356	W	120774	W	131249
W	6418	W	16835	W	27252	W	37645	W	48063	W	58481	W	68899	W	79318	W	89736	W	100155	W	110573	W	120991	W	131469
W	6635	W	17052	W	27469	W	37861	W	48280	W	58698	W	69116	W	79535	W	89953	W	100372	W	110790	W	121208	W	131689
W	6852	W	17269	W	27686	W	38078	W	48497	W	58915	W	69334	W	79752	W	90170	W	100589	W	111007	W	121426	W	131909
W	7069	W	17486	W	27903	W	38295	W	48714	W	59132	W	69551	W	79969	W	90387	W	100806	W	111224	W	121643	W	132129
W	7286	W	17703	W	28121	W	38512	W	48931	W	59349	W	69768	W	80186	W	90604	W	101023	W	111441	W	121860	W	132349
W	7503	W	17920	W	28338	W	38729	W	49148	W	59566	W	69985	W	80403	W	90821	W	101240	W	111658	W	122077	W	132569
W	7720	W	18137	W	28554	W	38947	W	49365	W	59783	W	70202	W	80620	W	91039	W	101457	W	111875	W	122294	W	132789
W	7937	W	18354	W	28770	W	39164	W	49582	W	60000	W	70419	W	80837	W	91256	W	101674	W	112092	W	122511	W	133009
W	8154	W	18571	W	28987	W	39381	W	49799	W	60217	W	70636	W	81054	W	91473	W	101891	W	112309	W	122728	W	133229
W	8371	W	18788	W	29203	W	39598	W	50016	W	60434	W	70853	W	81271	W	91690	W	102108	W	112526	W	122945	W	133449
W	8588	W	19005	W	29420	W	39815	W	50233	W	60652	W	71070	W	81488	W	91907	W	102325	W	112744	W	123162	W	133669
W	8805	W	19222	W	29636	W	40032	W	50450	W	60869	W	71287	W	81705	W	92124	W	102542	W	112961	W	123379	W	133889

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED VESSEL ONLY. NO CHANGES OR
AMENDMENTS CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

Date of Issue - March 6, 1969



E. W. SAYBOLT & CO., INC.

BY *William L. Schroeder*
DEPUTY INSPECTOR OF PETROLEUM
APPROVED AT NEW YORK ENCLIQUE EXCHANGE

E. W. SAYBOLT & CO., INC.
JOE. H. MCCARE JOE. H. MCCARE, JR.
APPROVED AND LICENSED BY
THE NEW YORK PRODUCT INCHMANS
INSPECTORS OF PETROLEUM

BARGE ETT 109
HULL 2228

TANK GAUGE TABLE

NO. 2

GAUGE HEIGHT 25'-0"

INNAGE TABLE

INNAGE TABLE												GAUGE HEIGHT 25'-0"														
12 FT			13 FT			14 FT			15 FT			16 FT			17 FT			18 FT			19 FT			20 FT		
IN	OUT	IN	IN	OUT	IN	IN	OUT	IN	IN	OUT	IN	IN	OUT	IN	IN	OUT	IN	IN	OUT	IN	IN	OUT	IN	IN	OUT	
0	12.3	596	0	13.4	014	0	14.4	433	0			0			0			0			0			0		
1	12.3	813	1	13.4	231	1	14.4	650	1			1			1			1			1			1		
2	12.4	030	2	13.4	449	2	14.4	867	2			2			2			2			2			2		
3	12.4	247	3	13.4	666	3	14.4	084	3			3			3			3			3			3		
4	12.4	464	4	13.4	883	4	14.5	301	4			4			4			4			4			4		
5	12.4	681	5	13.5	100	5	14.5	518	5			5			5			5			5			5		
6	12.4	898	6	13.5	317	6	14.5	735	6			6			6			6			6			6		
7	12.5	115	7	13.5	534	7	14.5	952	7			7			7			7			7			7		
8	12.5	332	8	13.5	751	8	14.6	169	8			8			8			8			8			8		
9	12.5	549	9	13.5	968	9	14.6	386	9			9			9			9			9			9		
10	12.5	767	10	13.6	185	10	14.6	603	10			10			10			10			10			10		
11	12.5	984	11	13.6	402	11	14.6	820	11			11			11			11			11			11		
12	12.6	201	12	13.6	619	12	14.7	039	12			12			12			12			12			12		
13	12.6	418	13	13.6	836	13	14.7	256	13			13			13			13			13			13		
14	12.6	635	14	13.7	053	14	14.7	473	14			14			14			14			14			14		
15	12.6	852	15	13.7	270	15	14.7	690	15			15			15			15			15			15		
16	12.7	069	16	13.7	487	16	14.7	907	16			16			16			16			16			16		
17	12.7	286	17	13.7	704	17	14.7	124	17			17			17			17			17			17		
18	12.7	503	18	13.7	921	18	14.8	141	18			18			18			18			18			18		
19	12.7	720	19	13.8	138	19	14.8	358	19			19			19			19			19			19		
20	12.7	937	20	13.8	355	20	14.8	575	20			20			20			20			20			20		
21	12.8	154	21	13.8	572	21	14.8	792	21			21			21			21			21			21		
22	12.8	371	22	13.8	790	22	14.8	1010	22			22			22			22			22			22		
23	12.8	588	23	13.9	007	23	14.8	1227	23			23			23			23			23			23		
24	12.8	805	24	13.9	224	24	14.8	1444	24			24			24			24			24			24		
25	12.9	022	25	13.9	441	25	14.8	1661	25			25			25			25			25			25		
26	12.9	239	26	13.9	658	26	14.9	047	26			26			26			26			26			26		
27	12.9	456	27	13.9	875	27	14.9	116	27			27			27			27			27			27		
28	12.9	673	28	14.0	092	28	14.9	190	28			28			28			28			28			28		
29	12.9	890	29	14.0	309	29	14.9	214	29			29			29			29			29			29		
30	13.0	108	30	14.0	526	30	14.9	298	30			30			30			30			30			30		
31	13.0	325	31	14.0	743	31	14.9	353	31			31			31			31			31			31		
32	13.0	542	32	14.0	960	32	14.9	377	32			32			32			32			32			32		
33	13.0	759	33	14.1	177	33	14.9	389	33			33			33			33			33			33		
34	13.0	976	34	14.1	394	34	14.9	407	34			34			34			34			34			34		
35	13.1	193	35	14.1	611	35	14.9	425	35			35			35			35			35			35		
36	13.1	410	36	14.1	828	36	14.9	425	36			36			36			36			36			36		
37	13.1	627	37	14.2	045	37	14.9	426	37			37			37			37			37			37		
38	13.1	844	38	14.2	262	38	14.9	426	38			38			38			38			38			38		
39	13.2	061	39	14.2	479	39	14.9	426	39			39			39			39			39			39		
40	13.2	278	40	14.2	696	40	14.9	427	40			40			40			40			40			40		
41	13.2	495	41	14.2	913	41	14.9	427	41			41			41			41			41			41		
42	13.2	712	42	14.3	131	42	14.9	427	42			42			42			42			42			42		
43	13.2	929	43	14.3	348	43	14.9	428	43			43			43			43			43			43		
44	13.3	146	44	14.3	565	44	14.9	428	44			44			44			44			44			44		
45	13.3	363	45	14.3	782	45			45			45			45			45			45			45		
46	13.3	580	46	14.3	999	46			46			46			46			46			46			46		
47	13.3	797	47	14.4	216	47			47			47			47			47			47			47		

CAPACITIES GIVEN IN U. S. GALLONS

Typed By: OPS
 REPUTED BY: WLS
 CHECK BY: WLS

FEB.
 MARCH
 1969

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E. W. SAYBOLT & CO., INC.

BY *William L. Schroeder*
DEPUTY INSPECTOR OF PETROLEUM
APPROVED BY NEW YORK PRODUCE EXCHANGE

Date of Issue - March 6, 1969

BARGE ETT 109
 HULL 2228

TANK GAUGE TABLE

NO. 3

GAUGE HEIGHT 15'-8"

IN		0 FT		1 FT		2 FT		3 FT		4 FT		5 FT		6 FT		7 FT		8 FT		9 FT		10 FT		11 FT		12 FT		
0	1.8	0	9.069	0	19.535	0	30.002	0	40.467	0	50.934	0	61.401	0	71.869	0	82.336	0	92.803	0	103.271	0	113.738	0	124.205	0	134.673	0
1	1.7	1	9.287	1	19.754	1	30.220	1	40.685	1	51.152	1	61.619	1	72.087	1	82.554	1	93.022	1	103.489	1	113.956	1	124.423	1	134.891	1
2	1.6	2	9.505	2	19.972	2	30.438	2	40.903	2	51.370	2	61.838	2	72.305	2	82.772	2	93.240	2	103.707	2	114.174	2	124.642	2	135.110	2
3	1.5	3	9.723	3	20.190	3	30.656	3	41.121	3	51.588	3	62.056	3	72.523	3	82.990	3	93.458	3	103.925	3	114.392	3	124.859	3	135.327	3
4	1.4	4	9.941	4	20.408	4	30.874	4	41.339	4	51.806	4	62.274	4	72.741	4	83.208	4	93.676	4	104.143	4	114.610	4	125.078	4	135.545	4
5	1.3	5	10.159	5	20.626	5	31.092	5	41.557	5	52.024	5	62.492	5	72.959	5	83.426	5	93.894	5	104.361	5	114.829	5	125.296	5	135.764	5
6	1.2	6	10.377	6	20.844	6	31.310	6	41.775	6	52.242	6	62.710	6	73.177	6	83.645	6	94.112	6	104.579	6	115.047	6	125.515	6	135.983	6
7	1.1	7	10.595	7	21.062	7	31.528	7	41.993	7	52.461	7	62.928	7	73.395	7	83.863	7	94.330	7	104.797	7	115.265	7	125.733	7	136.201	7
8	1.0	8	10.813	8	21.280	8	31.746	8	42.211	8	52.679	8	63.146	8	73.613	8	84.081	8	94.548	8	105.015	8	115.483	8	125.951	8	136.419	8
9	0.9	9	11.032	9	21.498	9	31.964	9	42.429	9	52.897	9	63.364	9	73.831	9	84.299	9	94.766	9	105.233	9	115.701	9	126.169	9	136.637	9
10	0.8	10	11.250	10	21.716	10	32.182	10	42.647	10	53.115	10	63.582	10	74.049	10	84.517	10	94.984	10	105.452	10	115.919	10	126.387	10	136.855	10
11	0.7	11	11.468	11	21.934	11	32.400	11	42.865	11	53.333	11	63.800	11	74.268	11	84.735	11	95.202	11	105.670	11	116.137	11	126.605	11	137.073	11
12	0.6	12	11.686	12	22.152	12	32.618	12	43.084	12	53.551	12	64.018	12	74.486	12	84.953	12	95.420	12	105.888	12	116.355	12	126.823	12	137.291	12
13	0.5	13	11.904	13	22.370	13	32.836	13	43.302	13	53.769	13	64.236	13	74.704	13	85.171	13	95.638	13	106.106	13	116.573	13	127.039	13	137.509	13
14	0.4	14	12.122	14	22.588	14	33.054	14	43.520	14	53.987	14	64.454	14	74.922	14	85.389	14	95.856	14	106.324	14	116.791	14	127.257	14	137.727	14
15	0.3	15	12.340	15	22.806	15	33.272	15	43.738	15	54.205	15	64.672	15	75.140	15	85.607	15	96.075	15	106.542	15	117.009	15	127.475	15	137.945	15
16	0.2	16	12.558	16	23.024	16	33.490	16	43.956	16	54.423	16	64.891	16	75.358	16	85.825	16	96.293	16	106.760	16	117.227	16	127.693	16	138.163	16
17	0.1	17	12.776	17	23.242	17	33.708	17	44.174	17	54.641	17	65.109	17	75.576	17	86.043	17	96.511	17	106.978	17	117.445	17	127.901	17	138.381	17
18	0.0	18	12.994	18	23.460	18	33.926	18	44.392	18	54.859	18	65.327	18	75.794	18	86.261	18	96.729	18	107.196	18	117.663	18	128.119	18	138.599	18
19	0.0	19	13.212	19	23.678	19	34.144	19	44.610	19	55.077	19	65.545	19	76.012	19	86.479	19	96.947	19	107.414	19	117.881	19	128.337	19	138.817	19
20	0.0	20	13.430	20	23.896	20	34.362	20	44.828	20	55.295	20	65.763	20	76.230	20	86.698	20	97.165	20	107.632	20	118.100	20	128.555	20	139.035	20
21	0.0	21	13.648	21	24.115	21	34.580	21	45.046	21	55.514	21	65.981	21	76.448	21	86.916	21	97.383	21	107.850	21	118.318	21	128.773	21	139.253	21
22	0.0	22	13.866	22	24.333	22	34.798	22	45.264	22	55.732	22	66.199	22	76.666	22	87.134	22	97.601	22	108.068	22	118.536	22	128.991	22	139.471	22
23	0.0	23	14.084	23	24.551	23	35.016	23	45.482	23	55.950	23	66.417	23	76.884	23	87.352	23	97.819	23	108.286	23	118.754	23	129.209	23	139.689	23
24	0.0	24	14.302	24	24.769	24	35.234	24	45.700	24	56.168	24	66.635	24	77.102	24	87.570	24	98.037	24	108.505	24	118.972	24	129.427	24	139.907	24
25	0.0	25	14.520	25	24.987	25	35.452	25	45.918	25	56.386	25	66.853	25	77.321	25	87.788	25	98.255	25	108.723	25	119.190	25	129.645	25	140.125	25
26	0.0	26	14.738	26	25.205	26	35.670	26	46.137	26	56.604	26	67.071	26	77.539	26	88.006	26	98.473	26	108.941	26	119.408	26	129.863	26	140.343	26
27	0.0	27	14.956	27	25.423	27	35.888	27	46.355	27	56.822	27	67.289	27	77.757	27	88.224	27	98.691	27	109.159	27	119.626	27	130.081	27	140.561	27
28	0.0	28	15.174	28	25.641	28	36.106	28	46.573	28	57.040	28	67.507	28	77.975	28	88.442	28	98.909	28	109.377	28	119.844	28	130.299	28	140.779	28
29	0.0	29	15.392	29	25.859	29	36.324	29	46.791	29	57.258	29	67.725	29	78.193	29	88.660	29	99.128	29	109.595	29	120.062	29	130.517	29	140.997	29
30	0.0	30	15.611	30	26.077	30	36.542	30	47.009	30	57.476	30	67.944	30	78.411	30	88.878	30	99.346	30	109.813	30	120.280	30	130.735	30	141.215	30
31	0.0	31	15.829	31	26.295	31	36.760	31	47.227	31	57.694	31	68.162	31	78.629	31	89.096	31	99.564	31	110.031	31	120.498	31	130.953	31	141.433	31
32	0.0	32	16.047	32	26.513	32	36.978	32	47.445	32	57.912	32	68.380	32	78.847	32	89.314	32	99.782	32	110.249	32	120.716	32	131.171	32	141.651	32
33	0.0	33	16.265	33	26.731	33	37.196	33	47.663	33	58.130	33	68.598	33	79.065	33	89.532	33	100.000	33	110.467	33	120.934	33	131.389	33	141.869	33
34	0.0	34	16.483	34	26.949	34	37.414	34	47.881	34	58.348	34	68.816	34	79.283	34	89.751	34	100.218	34	110.685	34	121.153	34	131.607	34	142.087	34
35	0.0	35	16.701	35	27.167	35	37.632	35	48.099	35	58.567	35	69.034	35	79.501	35	89.969	35	100.436	35	110.903	35	121.371	35	131.825	35	142.305	35
36	0.0	36	16.919	36	27.385	36	37.850	36	48.317	36	58.785	36	69.252	36	79.719	36	90.187	36	100.654	36	111.121	36	121.590	36	132.043	36	142.523	36
37	0.0	37	17.137	37	27.603	37	38.068	37	48.535	37	59.003	37	69.470	37	79.937	37	90.405	37	100.872	37	111.339	37	121.808	37	132.261	37	142.741	37
38	0.0	38	17.355	38	27.821	38	38.286	38	48.753	38	59.221	38	69.688	38	80.155	38	90.623	38	101.090	38	111.558	38	122.026	38	132.479	38	142.959	38
39	0.0	39	17.573	39	28.039	39	38.504	39	48.971	39	59.439	39	69.906	39	80.374	39	90.841	39	101.308	39	111.776	39	122.244	39	132.697	39	143.177	39
40	0.0	40	17.791	40	28.257	40	38.722	40	49.189																			

E. W. SAYBULI & CO., INC.
FOR N. H. HIGGINS JOHN H. HIGGINS, JR.
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BARGE ETT 109
 HULL 2228

TANK GAUGE TABLE

NO. 3

GAUGE HEIGHT 15'-8"

INNAGE TABLE

[illegible]

CAPACITIES GIVEN IN U. S. GALLONS

Prepared By:	QPS		FEB.
INPUTED BY	WLS	DATE	MARCH
CHECKED BY	WLS	"	1969

Date of Issue - March 6, 1969

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