



**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 M. J. NOYAK 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> 6312	
10/1/25	BATU	P	<i>[Signature]</i> 6312	



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.



Certificate of Inspection

Vessel Name: CCL-1

BENZENE PROHIBITION

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

--- Inspection Status ---

Fuel Tanks

Internal Examinations

Tank ID	Previous	Last	Next
STBD Bow	-	09Aug2016	-

Cargo Tanks

Internal Exam

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	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



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 Flammable liquid cargoes, as defined in 46 CFR 30-10.22.
D, E Combustible liquid cargoes, as defined in 46 CFR 30-10.15.
NA, NF 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 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).
II Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).
III 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.

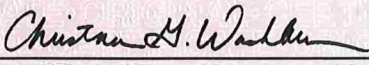


UNITED STATES OF AMERICA

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					





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> <u>Sunshine, LA 70708</u>	Physical Address:	<u>1070 River Rd</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

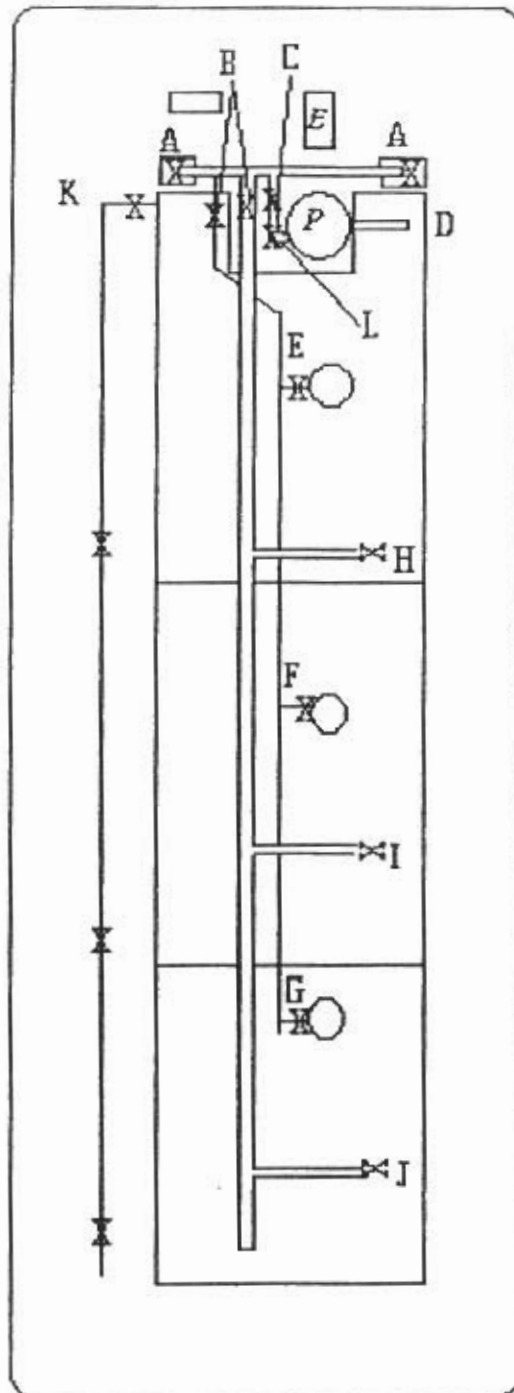
Committed to providing the most reliable, efficient, and cost-effective recovery services for waste management, railcar cleaning, marine cleaning, marine repairs & industrial cleaning

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.

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

E. W. SAYBOLT & CO., INC.
INSPECTORS OF PETROLEUM

206-1
BARGE ETT-109
HULL 2228

TANK GAUGE TABLE

NO. 1

GAUGE HEIGHT 15'-8 1/2"

INNAGE TABLE

Table with columns for height in feet (0 to 11) and inches (0 to 11) and corresponding capacity in gallons. The table is organized in a grid format with 12 columns for each foot and 12 for each inch.

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 ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

Checked By: OPS
WLS
DATE: MARCH 1969

Date of Issue - March 6, 1969



E. W. SAYBOLT & CO., INC.

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

INNAGE TABLE

12 FT		13 FT		14 FT		15 FT		16 FT		17 FT		18 FT		19 FT		20 FT		21 FT		22 FT		
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	122081	0	132472	0	142865	0		0		0		0		0		0		0		0		0
1	122297	1	132889	1	143281	1		1		1		1		1		1		1		1		1
2	122514	2	133305	2	143708	2		2		2		2		2		2		2		2		2
3	122730	3	133722	3	144134	3		3		3		3		3		3		3		3		3
4	122947	4	134138	4	144561	4		4		4		4		4		4		4		4		4
5	123163	5	134555	5	144987	5		5		5		5		5		5		5		5		5
6	123380	6	134971	6	145414	6		6		6		6		6		6		6		6		6
7	123596	7	135388	7	145840	7		7		7		7		7		7		7		7		7
8	123813	8	135804	8	146267	8		8		8		8		8		8		8		8		8
9	124029	9	136221	9	146694	9		9		9		9		9		9		9		9		9
10	124246	10	136637	10	147121	10		10		10		10		10		10		10		10		10
11	124462	11	137054	11	147548	11		11		11		11		11		11		11		11		11
12	124679	12	137470	12	147975	12		12		12		12		12		12		12		12		12
13	124895	13	137887	13	148402	13		13		13		13		13		13		13		13		13
14	125111	14	138304	14	148829	14		14		14		14		14		14		14		14		14
15	125328	15	138720	15	149256	15		15		15		15		15		15		15		15		15
16	125544	16	139137	16	149683	16		16		16		16		16		16		16		16		16
17	125761	17	139553	17	150110	17		17		17		17		17		17		17		17		17
18	125977	18	139970	18	150537	18		18		18		18		18		18		18		18		18
19	126194	19	140386	19	150964	19		19		19		19		19		19		19		19		19
20	126410	20	140803	20	151391	20		20		20		20		20		20		20		20		20
21	126627	21	141219	21	151818	21		21		21		21		21		21		21		21		21
22	126843	22	141636	22	152245	22		22		22		22		22		22		22		22		22
23	127060	23	142052	23	152672	23		23		23		23		23		23		23		23		23
24	127276	24	142469	24	153099	24		24		24		24		24		24		24		24		24
25	127493	25	142885	25	153526	25		25		25		25		25		25		25		25		25
26	127709	26	143302	26	153953	26		26		26		26		26		26		26		26		26
27	127926	27	143718	27	154380	27		27		27		27		27		27		27		27		27
28	128142	28	144135	28	154807	28		28		28		28		28		28		28		28		28
29	128359	29	144551	29	155234	29		29		29		29		29		29		29		29		29
30	128575	30	144968	30	155661	30		30		30		30		30		30		30		30		30
31	128792	31	145384	31	156088	31		31		31		31		31		31		31		31		31
32	129008	32	145801	32	156515	32		32		32		32		32		32		32		32		32
33	129225	33	146217	33	156942	33		33		33		33		33		33		33		33		33
34	129441	34	146634	34	157369	34		34		34		34		34		34		34		34		34
35	129658	35	147050	35	157796	35		35		35		35		35		35		35		35		35
36	129874	36	147467	36	158223	36		36		36		36		36		36		36		36		36
37	130091	37	147883	37	158650	37		37		37		37		37		37		37		37		37
38	130307	38	148300	38	159077	38		38		38		38		38		38		38		38		38
39	130524	39	148716	39	159504	39		39		39		39		39		39		39		39		39
40	130740	40	149133	40	159931	40		40		40		40		40		40		40		40		40
41	130957	41	149549	41	160358	41		41		41		41		41		41		41		41		41
42	131173	42	149966	42	160785	42		42		42		42		42		42		42		42		42
43	131390	43	150382	43	161212	43		43		43		43		43		43		43		43		43
44	131606	44	150799	44	161639	44		44		44		44		44		44		44		44		44
45	131822	45	151215	45	162066	45		45		45		45		45		45		45		45		45
46	132039	46	151632	46	162493	46		46		46		46		46		46		46		46		46
47	132256	47	152048	47	162920	47		47		47		47		47		47		47		47		47

CAPACITIES GIVEN IN U. S. GALLONS

Checked By: OPS
 WLS
 Date: FEB. MARCH 1969

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



E. W. SAYBOLT & CO., INC.
 William L. Schroeder
 DEPUTY INSPECTOR OF PETROLEUM
 APPROVED BY NEW YORK PRODUCE EXCHANGE

Date of Issue - March 6, 1969

E. W. SAYBOLT & CO., INC.
INSPECTORS OF PETROLEUM

BARGE ETT 109
HULL 2228

TANK GAUGE TABLE
NO. 2

GAUGE HEIGHT 15'-0"

INNAGE TABLE

Table with columns for height in feet (0 to 15) and inches (0 to 11), and corresponding volume in gallons. The table is organized in 12 columns representing feet and 12 columns representing inches.

CAPACITIES GIVEN IN U. S. GALLONS

NOTE: GAGE LOCATION CENTERED IN COMPARTMENT.

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DEPUTY INSPECTOR OF PETROLEUM
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E. W. SAYBOLT & CO., INC.
JOE. H. MCCABE JOHN. W. MCCABE, JR.
APPROVED AND LICENSED BY
THE NEW YORK PRODUCE EXCHANGE
INSPECTORS OF PETROLEUM

BARGE ETT 109
HULL 2228

TANK GAUGE TABLE

NO. 3

GAUGE HEIGHT 15'-8"

Table with columns for height in feet (0 to 11) and corresponding volume in gallons. Includes a sub-table for 'INNAGE TABLE' at the top right of the main table.

CAPACITIES GIVEN IN U. S. GALLONS

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