



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

Certification Date:	30 Jul 2025
Expiration Date:	30 Jul 2030

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 4	512519			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	15Dec1968		R-860	R-860		R-194.8
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 per 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 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: J. J. SCOTT LCDR, USCG, by direction Officer in Charge, Marine Inspection New Orleans, LA Inspection Zone
Date	Zone	A/P/R	Signature	



Certificate of Inspection

Vessel Name: CCL 4

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Mar2030	02Mar2020	20Nov2012
Internal Structure	31Jul2030	03Jul2025	02Mar2020

--- 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
10753	Barrel	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	629	13.60
2 C/L	634	13.60
3 C/L	634	13.60

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1808	11ft 0in	13.50	Rivers
III	1685	10ft 5in	8.70	Lakes, Bays, and Sounds
III	1632	10ft 2in	13.50	Lakes, Bays, and Sounds
III	1650	10ft 3in	12.70	Lakes, Bays, and Sounds

Conditions Of Carriage

Only those hazardous cargoes named in the vessel's Cargo Authority Attachment, Serial No. C1-2001371 dated April 10, 2020, may be carried and only in the tanks indicated.

In accordance with 46 CFR Part 39, excluding part 39.4000 and 39.5000, this vessel's vapor control system has been inspected to the plans approved by Marine Safety Center letter Serial No. C2-9905891 dated November 23, 1999, and found acceptable for collection of bulk liquid cargo vapors annotated with "Yes" in the CAA's VCS column.

Per 46 CFR 150.130, the person in charge of the vessel is responsible for ensuring 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 reactive group number from the "Compat Group No" column is listed in the vessel's CAA.

Benzene Prohibition

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

Stability and Trim

Per 46 CFR 151.10(c)(2), the maximum tank weights listed above reflect uniform(within 5%) loading at the deepest draft allowed. When carrying Subchapter "O" cargoes at shallower drafts, the barge should always be loaded uniformly.



Certificate of Inspection

Vessel Name: CCL 4

Oil Prohibition – No 40-year Mid-Body Regauging Survey

This vessel does not meet the mid-body regauging survey requirements of 46 CFR 31.10-21a (b)(2)(i) and is prohibited from carrying pollution category I oils listed in 46 CFR Table 30.25-1.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 C/L	20Nov2012	18Mar2020	31Mar2030	-	-	-
2 C/L	20Nov2012	18Mar2020	31Mar2030	-	-	-
3 C/L	20Nov2012	18Mar2020	31Mar2030	-	-	-

Hydro Test

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

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
2	40-B

END



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **CCL-4**
Official #: 512519

Shipyard: Jeffboat
Hull #: 2034

46 CFR 151 Tank Group Characteristics

Tank Group Information		Cargo Identification			Tanks			Cargo Transfer		Environmental Control		Fire Protection Provided	Special Requirements		Elec Haz	Temp Cont		
Tnk Grp	Tanks in Group	Density	Press.	Temp.	Hull Typ	Cargo Seg Tank	Type	Vent	Gauge	Pipe Class	Cont	Tanks	Handling Space	General	Materials of Construction			
A	1-3C	13.6	Atmos.	Amb.	III	1ii 2ii	Integral Gravity	PV	Open	II	G-1	NR	NA	Portable	40-1(f)(1), .50-60, .50-70(a), .50-70(b), .50-73,	55-1(b), (c), (e), (f), (h), (j), 56-1(a), (b), (c), (d), (e), (f), (g).	NR	No

- 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 No	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery		Special Requirements in 46 CFR 151 General and Mat'l's of	Insp. Period	
							App'd (Y or N)	VCS Category			

Authorized Subchapter O Cargoes

Olefins (C13+, all isomers)	OFZ	30	D/O	E	III	A	Yes	1		G
Sodium acetate solution	SAN	34	D/O	#		A	No	N/A		
Alkyl (C7-C9) nitrates	AKN	34 ²	O	NA	III	A	No	N/A	.50-81, .50-86	G
Aminoethyl ethanolamine	AEE	8	O	E	III	A	Yes	1	.55-1(b)	G
Ammonium bisulfite solution (70% or less)	ABX	43 ²	O	NA	III	A	No	N/A	.50-73, .56-1(a), (b), (c)	G
Butyraldehyde (all isomers)	BAE	19	O	C	III	A	Yes	1	.55-1(h)	G
Carbon tetrachloride	CBT	36	O	NA	III	A	Yes	3	No	G
Caustic potash solution	CPS	5 ²	O	NA	III	A	No	N/A	.50-73, .55-1(j)	G
Caustic soda solution	CSS	5 ²	O	NA	III	A	No	N/A	.50-73, .55-1(j)	G
Chlorobenzene	CRB	36	O	D	III	A	Yes	1	No	G
Chloroform	CRF	36	O	NA	III	A	Yes	3	No	G
Creosote	CCW	21 ²	O	E	III	A	Yes	1	No	G
Cresols (all isomers)	CRS	21	O	E	III	A	Yes	1	No	G
Cresylic acid tar	CRX	21	O	E	III	A	Yes	1	.55-1(f)	G
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	O	D	III	A	Yes	1	.50-60, .56-1(b)	G
iso-Decyl acrylate	IAI	14	O	E	III	A	Yes	2	.50-70(a), .50-81(a), (b), .55-1(c)	G
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	DDE	43	O	E	III	A	No	N/A	.56-1(a), (b), (c), (g)	G
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution	DTI	43 ²	O	E	III	A	No	N/A	.56-1(a), (b), (c), (g)	G
Diethanolamine	DEA	8	O	E	III	A	Yes	1	.55-1(c)	G
Diethylenetriamine	DET	7 ²	O	E	III	A	Yes	1	.55-1(c)	G
Diisopropanolamine	DIP	8	O	E	III	A	Yes	1	.55-1(c)	G
Dodecyldimethylamine, Tetradecyldimethylamine mixture	DOT	7	O	E	III	A	No	N/A	.56-1(b)	G
Ethanolamine	MEA	8	O	E	III	A	Yes	1	.55-1(c)	G
Ethylene cyanohydrin	ETC	20	O	E	III	A	Yes	1	No	G
Ethylene glycol hexyl ether	EGH	40	O	E	III	A	No	N/A	No	G
Ethylene glycol propyl ether	EGP	40	O	E	III	A	Yes	1	No	G
2-Ethylhexyl acrylate	EAI	14	O	E	III	A	Yes	2	.50-70(a), .50-81(a), (b)	G
Glutaraldehyde solutions (50% or less)	GTA	19	O	NA	III	A	No	N/A	No	G
Isoprene	IPR	30	O	A	III	A	No	N/A	.50-70(a), .50-81(a), (b)	G
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, .55-1(a), (c), (g)	G
Methyl diethanolamine	MDE	8	O	E	III	A	Yes	1	.56-1(b), (c)	G
2-Methyl-5-ethyl pyridine	MEP	9	O	E	III	A	Yes	1	.55-1(e)	G
Morpholine	MPL	7 ²	O	D	III	A	Yes	1	.55-1(c)	G

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



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CCL-4

Shipyard: Jeffboat

Official #: 512519

Page 2 of 7

Hull #: 2034

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'ls of Construction	Insp. Period	
							App'd (Y or N)	VCS Category			
Polyethylene polyamines	PEB	7 ²	O	E	III	A	Yes	1	.55-1(e)	G	
iso-Propanolamine	MPA	8	O	E	III	A	Yes	1	.55-1(c)	G	
Propanolamine (iso-, n-)	PAX	8	O	E	III	A	Yes	1	.56-1(b), (c)	G	
Sodium acetate, Glycol, Water mixture (3% or more Sodium Hydroxide)	SAP	5	O		III	A	No	N/A	.50-73, .55-1(j)	G	
Sodium aluminate solution (45% or less)	SAU	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (b), (c)	G	
Sodium chlorate solution (50% or less)	SDD	0 ^{1,2}	O	NA	III	A	No	N/A	.50-73	G	
Sodium sulfide, hydrosulfide solution (H ₂ S 15 ppm or less)	SSH	0 ^{1,2}	O	NA	III	A	Yes	1	.50-73, .55-1(b)	G	
Styrene monomer	STY	30	O	D	III	A	Yes	2	.50-70(a), .50-81(a), (b)	G	
Tetraethylene pentamine	TTP	7	O	E	III	A	Yes	1	.55-1(c)	G	
Triethanolamine	TEA	8 ²	O	E	III	A	Yes	1	.55-1(b)	G	
Triethylenetetramine	TET	7 ²	O	E	III	A	Yes	1	.55-1(b)	G	
Triphenylborane (10% or less), caustic soda solution	TPB	5	O	NA	III	A	No	N/A	.56-1(a), (b), (c)	G	
Trisodium phosphate solution	TSP	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (c)	G	
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)	G	
Vinyl acetate	VAM	13	O	C	III	A	Yes	2	.50-70(a), .50-81(a), (b)	G	
Vinyl neodecanoate	VND	13	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b)	G	

Subchapter D Cargoes Authorized for Vapor Control

Acetone	ACT	18 ²	D	C		A	Yes	1	
Acetophenone	ACP	18	D	E		A	Yes	1	
Alcohol (C12-C16) poly(20+) ethoxylates	APW	20	D	E		A	Yes	1	
Alcohol (C6-C17) (secondary) poly(3-6) ethoxylates	AEA	20	D	E		A	Yes	1	
Alcohol (C6-C17) (secondary) poly(7-12) ethoxylates	AEB	20	D	E		A	Yes	1	
Amyl acetate (all isomers)	AEC	34	D	D		A	Yes	1	
Amyl alcohol (iso-, n-, sec-, primary)	AAI	20	D	D		A	Yes	1	
Benzyl acetate	BZE	34	D	E		A	Yes	1	
Benzyl alcohol	BAL	21	D	E		A	Yes	1	
Brake fluid base mixtures (containing Poly(2-8)alkylene(C2-C3) glycols, Polyalkylene(C2-C10) glycol monoalkyl(C1-C4) ethers, and their borate esters)	BFY	20	D	E		A	Yes	1	
Butyl acetate (all isomers)	BAX	34	D	D		A	Yes	1	
Isobutyl alcohol	IAL	20 ²	D	D		A	Yes	1	
Butyl alcohol (n-)	BAN	20 ²	D	D		A	Yes	1	
Butyl alcohol (sec-)	BAS	20 ²	D	C		A	Yes	1	
Butyl alcohol (tert-)	BAT	20 ²	D	C		A	Yes	1	
Butyl benzyl phthalate	BPH	34	D	E		A	Yes	1	
Butyl toluene	BUE	32	D	D		A	Yes	1	
Caprolactam solutions	CLS	22	D	E		A	Yes	1	
Cycloheptane	CYE	31	D	C		A	Yes	1	
Cyclohexane	CHX	31	D	C		A	Yes	1	
Cyclohexanol	CHN	20	D	E		A	Yes	1	
Cyclohexyl acetate	CYC	34	D	D		A	Yes	1	
1,3-Cyclopentadiene dimer (molten)	CPD	30	D	D/E		A	Yes	2	
Cyclopentane	CYP	31	D	B		A	Yes	1	

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



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CCL-4
Official #: 512519

Page 3 of 7

Shipyard: Jeffboat
Hull #: 2034

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'ls of Construction	Insp. Period
							App'd (Y or N)	VCS Category		
p-Cymene	CMP	32	D	D		A	Yes	1		
iso-Decaldehyde	IDA	19	D	E		A	Yes	1		
n-Decaldehyde	DAL	19	D	E		A	Yes	1		
Decanoic acid	DCO	4	D	#		A	Yes	1		
Decene	DCE	30	D	D		A	Yes	1		
Decyl alcohol (all isomers)	DAX	20 ²	D	E		A	Yes	1		
n-Decylbenzene, see Alkyl(C9+)benzenes	DBZ	32	D	E		A	Yes	1		
Diacetone alcohol	DAA	20 ²	D	D		A	Yes	1		
Dibutyl phthalate	DPA	34	D	E		A	Yes	1		
Diethylbenzene	DEB	32	D	D		A	Yes	1		
Diethylene glycol	DEG	40 ²	D	E		A	Yes	1		
Diisobutylene	DBL	30	D	C		A	Yes	1		
Diisobutyl ketone	DIK	18	D	D		A	Yes	1		
Diisopropylbenzene (all isomers)	DIX	32	D	E		A	Yes	1		
Dimethyl phthalate	DTL	34	D	E		A	Yes	1		
Dioctyl phthalate	DOP	34	D	E		A	Yes	1		
Dipentene	DPN	30	D	D		A	Yes	1		
Diphenyl	DIL	32	D	D/E		A	Yes	1		
Diphenyl, Diphenyl ether mixtures	DDO	33	D	E		A	Yes	1		
Diphenyl ether	DPE	41	D	{E}		A	Yes	1		
Dipropylene glycol	DPG	40	D	E		A	Yes	1		
Distillates: Flashed feed stocks	DFF	33	D	E		A	Yes	1		
Distillates: Straight run	DSR	33	D	E		A	Yes	1		
Dodecene (all isomers)	DOZ	30	D	D		A	Yes	1		
Dodecylbenzene, see Alkyl(C9+)benzenes	DDB	32	D	E		A	Yes	1		
2-Ethoxyethyl acetate	EEA	34	D	D		A	Yes	1		
Ethoxy triglycol (crude)	ETG	40	D	E		A	Yes	1		
Ethyl acetate	ETA	34	D	C		A	Yes	1		
Ethyl acetoacetate	EAA	34	D	E		A	Yes	1		
Ethyl alcohol	EAL	20 ²	D	C		A	Yes	1		
Ethylbenzene	ETB	32	D	C		A	Yes	1		
Ethyl butanol	EBT	20	D	D		A	Yes	1		
Ethyl tert-butyl ether	EBE	41	D	C		A	Yes	1		
Ethyl butyrate	EBR	34	D	D		A	Yes	1		
Ethyl cyclohexane	ECY	31	D	D		A	Yes	1		
Ethylene glycol	EGL	20 ²	D	E		A	Yes	1		
Ethylene glycol butyl ether acetate	EMA	34	D	E		A	Yes	1		
Ethylene glycol diacetate	EGY	34	D	E		A	Yes	1		
Ethylene glycol phenyl ether	EPE	40	D	E		A	Yes	1		
Ethyl-3-ethoxypropionate	EPP	34	D	D		A	Yes	1		



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CCL-4
Official #: 512519

Page 4 of 7

Shipyard: Jeffboat
Hull #: 2034

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'ls of Construction	Insp. Period
							App'd (Y or N)	VCS Category		
2-Ethylhexanol	EHX	20	D	E		A	Yes	1		
Ethyl propionate	EPR	34	D	C		A	Yes	1		
Ethyl toluene	ETE	32	D	D		A	Yes	1		
Formamide	FAM	10	D	E		A	Yes	1		
Furfuryl alcohol	FAL	20 ²	D	E		A	Yes	1		
Gasoline blending stocks: Alkylates	GAK	33	D	A/C		A	Yes	1		
Gasoline blending stocks: Reformates	GRF	33	D	A/C		A	Yes	1		
Gasolines: Automotive (containing not over 4.23 grams lead per gallon)	GAT	33	D	C		A	Yes	1		
Gasolines: Aviation (containing not over 4.86 grams of lead per gallon)	GAV	33	D	C		A	Yes	1		
Gasolines: Casinghead (natural)	GCS	33	D	A/C		A	Yes	1		
Gasolines: Polymer	GPL	33	D	A/C		A	Yes	1		
Gasolines: Straight run	GSR	33	D	A/C		A	Yes	1		
Glycerine	GCR	20 ²	D	E		A	Yes	1		
Heptane (all isomers), see Alkanes (C6-C9) (all isomers)	HMX	31	D	C		A	Yes	1		
n-Heptanoic acid	HEN	4	D	E		A	Yes	1		
Heptanol (all isomers)	HTX	20	D	D/E		A	Yes	1		
Heptene (all isomers)	HPX	30	D	C		A	Yes	2		
Heptyl acetate	HPE	34	D	E		A	Yes	1		
Hexane (all isomers), see Alkanes (C6-C9)	HXS	31 ²	D	B/C		A	Yes	1		
Hexanoic acid	HXO	4	D	E		A	Yes	1		
Hexanol	HXN	20	D	D		A	Yes	1		
Hexene (all isomers)	HEX	30	D	C		A	Yes	2		
Hexylene glycol	HXG	20	D	E		A	Yes	1		
Isophorone	IPH	18 ²	D	E		A	Yes	1		
Jet fuel: JP-4	JPF	33	D	E		A	Yes	1		
Jet fuel: JP-5 (kerosene, heavy)	JPV	33	D	D		A	Yes	1		
Kerosene	KRS	33	D	D		A	Yes	1		
Methyl acetate	MTT	34	D	D		A	Yes	1		
Methyl alcohol	MAL	20 ²	D	C		A	Yes	1		
Methylamyl acetate	MAC	34	D	D		A	Yes	1		
Methylamyl alcohol	MAA	20	D	D		A	Yes	1		
Methyl amyl ketone	MAK	18	D	D		A	Yes	1		
Methyl tert-butyl ether	MBE	41 ²	D	C		A	Yes	1		
Methyl butyl ketone	MBK	18	D	C		A	Yes	1		
Methyl butyrate	MBU	34	D	C		A	Yes	1		
Methylcyclohexane	MCY	31	D	C		A	Yes	1		
Methyl ethyl ketone	MEK	18 ²	D	C		A	Yes	1		
Methyl heptyl ketone	MHK	18	D	D		A	Yes	1		
Methyl isobutyl ketone	MIK	18 ²	D	C		A	Yes	1		
Mineral spirits	MNS	33	D	D		A	Yes	1		

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



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CCL-4

Official #: 512519

Page 5 of 7

Shipyard: Jeffboat

Hull #: 2034

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'ls of Construction	Insp. Period
							App'd (Y or N)	VCS Category		
Myrcene	MRE	30	D	D		A	Yes	1		
Naphtha: Heavy	NAG	33	D	#		A	Yes	1		
Naphtha: Petroleum	PTN	33	D	#		A	Yes	1		
Naphtha: Solvent	NSV	33	D	D		A	Yes	1		
Naphtha: Stoddard solvent	NSS	33	D	D		A	Yes	1		
Naphtha: Varnish makers and painters (75%)	NVM	33	D	C		A	Yes	1		
Nonane (all isomers), see Alkanes (C6-C9)	NAX	31	D	D		A	Yes	1		
Nonene (all isomers)	NON	30	D	D		A	Yes	2		
Nonyl alcohol (all isomers)	NNS	20 ²	D	E		A	Yes	1		
Nonyl phenol	NNP	21	D	E		A	Yes	1		
Nonyl phenol poly(4+)ethoxylates	NPE	40	D	E		A	Yes	1		
Octane (all isomers), see Alkanes (C6-C9)	OAX	31	D	C		A	Yes	1		
Octanoic acid (all isomers)	OAY	4	D	E		A	Yes	1		
Octanol (all isomers)	OCX	20 ²	D	E		A	Yes	1		
Octene (all isomers)	OTX	30	D	C		A	Yes	2		
Oil, fuel: No. 2	OTW	33	D	D/E		A	Yes	1		
Oil, fuel: No. 2-D	OTD	33	D	D		A	Yes	1		
Oil, fuel: No. 4	OFR	33	D	D/E		A	Yes	1		
Oil, fuel: No. 6	OSX	33	D	E		A	Yes	1		
Oil, misc: Crude	OIL	33	D	A/D		A	Yes	1		
Oil, misc: Diesel	ODS	33	D	D/E		A	Yes	1		
Oil, misc: Gas, high pour	OGP	33	D	E		A	Yes	1		
Oil, misc: Lubricating	OLB	33	D	E		A	Yes	1		
Oil, misc: Residual	ORL	33	D	E		A	Yes	1		
Oil, misc: Turbine	OTB	33	D	E		A	Yes	1		
n-Pentyl propionate	PPE	34	D	D		A	Yes	1		
alpha-Pinene	PIO	30	D	D		A	Yes	1		
beta-Pinene	PIP	30	D	D		A	Yes	1		
Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether	PAG	40	D	E		A	Yes	1		
Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether acetate	PAF	34	D	E		A	Yes	1		
Polybutene	PLB	30	D	E		A	Yes	1		
Polypropylene glycol	PGC	40	D	E		A	Yes	1		
Isopropyl acetate	IAC	34	D	C		A	Yes	1		
n-Propyl acetate	PAT	34	D	C		A	Yes	1		
Isopropyl alcohol	IPA	20 ^{2,3}	D	C		A	Yes	1		
n-Propyl alcohol	PAL	20 ²	D	C		A	Yes	1		
Propylbenzene (all isomers)	PBY	32	D	D		A	Yes	1		
Isopropylcyclohexane	IPX	31	D	D		A	Yes	1		
Propylene glycol	PPG	20 ²	D	E		A	Yes	1		
Propylene glycol methyl ether acetate	PGN	34	D	D		A	Yes	1		



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CCL-4
Official #: 512519

Page 6 of 7

Shipyard: Jeffboat
Hull #: 2034

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'ls of Construction	Insp. Period
							App'd (Y or N)	VCS Category		
Propylene tetramer	PTT	30	D	D		A	Yes	1		
Sulfolane	SFL	39	D	E		A	Yes	1		
Tetraethylene glycol	TTG	40	D	E		A	Yes	1		
Tetrahydronaphthalene	THN	32	D	E		A	Yes	1		
Toluene	TOL	32	D	C		A	Yes	1		
Tricresyl phosphate (containing less than 1% ortho isomer)	TCP	34	D	E		A	Yes	1		
Triethylbenzene	TEB	32	D	E		A	Yes	1		
Triethylene glycol	TEG	40	D	E		A	Yes	1		
Triethyl phosphate	TPS	34	D	E		A	Yes	1		
Trimethylbenzene (all isomers)	TRE	32	D	{D}		A	Yes	1		
Trixylyl phosphate	TRP	34	D	E		A	Yes	1		
1-Undecene	UDC	30	D	D/E		A	Yes	1		
1-Undecyl alcohol	UND	20	D	E		A	Yes	1		
Xylenes (ortho-, meta-, para-)	XLX	32	D	D		A	Yes	1		



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CCL-4
Official #: 512519

Page 7 of 7

Shipyard: Jeffboat
Hull #: 2034

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 (CG-3PSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001. Telephone (202) 372-1425.
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	Flammable liquid cargoes, as defined in 46 CFR 30-10.22.
D, E	Combustible liquid cargoes, as defined in 46 CFR 30-10.15.
Note 4	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	(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.

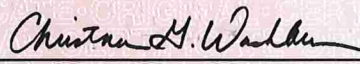


UNITED STATES OF AMERICA

DEPARTMENT OF HOMELAND SECURITY
UNITED STATES COAST GUARD

NATIONAL VESSEL DOCUMENTATION CENTER

CERTIFICATE OF DOCUMENTATION

VESSEL NAME CCL 4		OFFICIAL NUMBER 512519	IMO OR OTHER NUMBER 2034	YEAR COMPLETED 1968	
HAILING PORT NEW ORLEANS LA		HULL MATERIAL STEEL		MECHANICAL PROPULSION NO	
GROSS TONNAGE 860 GRT	NET TONNAGE 860 NRT	LENGTH 194.8	BREADTH 35.0	DEPTH 10.7	
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 JULY 10, 2025			THIS CERTIFICATE EXPIRES AUGUST 31, 2026		
			 DIRECTOR, NATIONAL VESSEL DOCUMENTATION CENTER		



Certificate of Financial Responsibility (COFR)

<https://www.uscg.mil/Mariners/National-Pollution-Funds-Center/COFRs/ECOFR-Active-Vessel-Status/>

Updated: 04/10/2025 14:00

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	9/2/2022 12:00:00 AM	9/2/2025 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	9/27/2023 12:00:00 AM	9/27/2025 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	9/29/2022 12:00:00 AM	9/29/2025 12:00:00 AM	
CCL 14	D4497784	50	TANKBARGE	735	841310	22	CHEM CARRIERS, L.L.C	9/22/2022 12:00:00 AM	9/22/2025 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	2/23/2026 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	8/22/2022 12:00:00 AM	8/22/2025 12:00:00 AM	
CCL 408	D1246097	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	8/7/2022 12:00:00 AM	8/7/2025 12:00:00 AM	
CCL 409	D1246098	50	TANKBARGE	1619	841310	22	CHEM CARRIERS, L.L.C	10/2/2022 12:00:00 AM	10/2/2025 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	
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: 7/30/25

To Whom It May Concern:

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

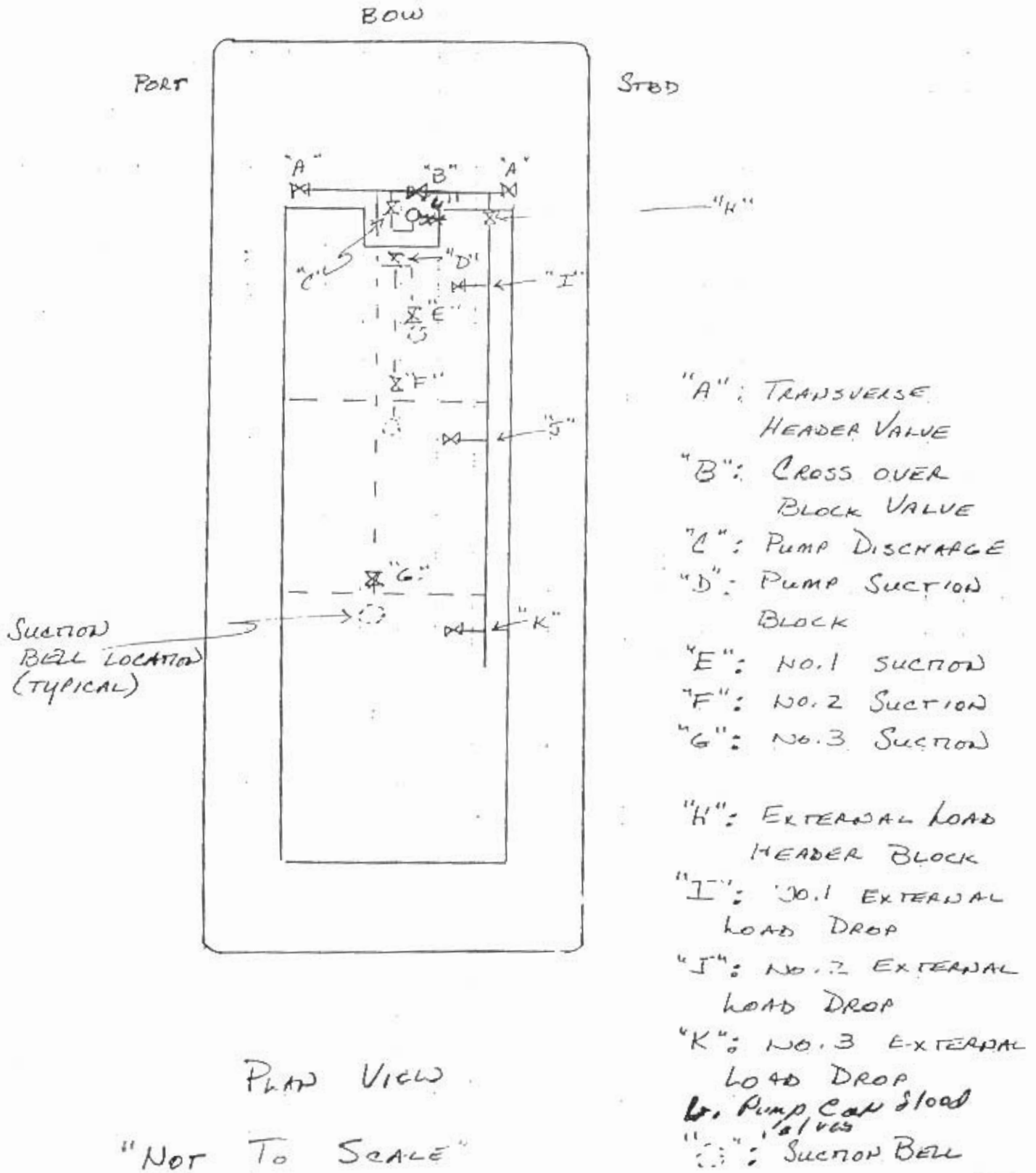
CCL 4 located at T.T. 237, was tested on 7/30/25 at 188psi.

- 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

1/8" CCL-4" PIPELINE SCHEMATIC



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 4

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 4 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 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 or Digital pager# (800) 213-4791.
- 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, 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**

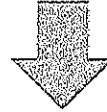
See specific MSDS sheets provided with these procedures.

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.

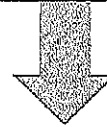
VESSEL INCIDENT / ACCIDENT NOTIFICATION CHART

Incidents that involve injury or illness, spill / pollution or a probable discharge, significant equipment failure, property damage, cargo related issues, service delays or any accident involving a Chem Carriers Towing, LLC vessel or crewmember shall be immediately called into the Chem Carriers Towing, LLC 24-hour Emergency Hotline at 225-642-0060



Master Standing the Watch

Once the situation has been stabilized and all safety issues have been addressed, immediately contact the Chem Carriers Towing, LLC Emergency Hotline (225-642-0060)
Any serious marine incident, or any incident that has the potential to become a serious marine incident, alcohol testing shall be conducted on all involved crewmembers within 2 hours, whether onboard the vessel or at a testing facility.



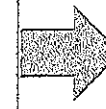
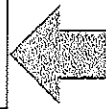
NATIONAL Response Center
1-800-424-8802
or
1-202-267-2675
MADANTORY for all pollution incidents on CCT equipment

Chem Carriers Towing, LLC
Emergency Hotline
↓
Qualified Individual (QI)
225-642-0060

State Notifications
Louisiana 225-925-6595
Mississippi 601-987-1212
Texas 409-924-5400

USCG COTP ZONES
Baton Rouge 225-298-5400
New Orleans 504-365-2200
Morgan City 985-380-5320
Lake Charles 337-721-5741

Oil Spill Removal Organization
Customer
Internal
Reference Emergency Response Guidelines for a Complete List of Required Notifications



U.S. Department of
Homeland Security

United States
Coast Guard



Commandant
United States Coast Guard

2703 Martin Luther King Jr. Ave SE
Stop 7516
Washington, DC 20593-7516
Staff Symbol: CG-MER-4 (VRP)
Phone: (202) 372-1005
Fax: (202) 372-8376
Email: vrp@uscg.mil

16460
March 12, 2025

Chem Carriers, L.L.C.
C/O: FOREFRONT EMERGENCY MANAGEMENT, LP
ATTN: ALLIE MARTIN
1730 COTEAU ROAD
HOUMA, LA 70364

Dear Sir or Madam:

Your Vessel Response Plan (Control Number 56041), submitted to meet the requirements of Title 33, Code of Federal Regulations (CFR), Part 155, Subparts D and I, is **approved**. Approval will remain valid until **March 21, 2030**.

The CCL 4 (512519) is authorized to operate only in the ports or geographic areas indicated in the Captain of the Port zones listed below. If carrying oil as cargo, the vessel is prohibited from handling, storing, transporting, transferring, or lightering oil unless it is operating in full compliance with this plan. Compliance includes ensuring that required resources have been identified and planned for or are in place and available through contract or other approved means. If applicable to your routes, this includes the dispersant and aerial observation requirements of 33 CFR 155.1050.

You are reminded that your chosen salvage and marine firefighting resource provider may have submitted waivers from meeting one or more of the specified response times in accordance with 33 CFR 155.4055. If so, this may be rescinded by the U.S. Coast Guard if the appropriate response resources are not available when the approved waiver expires. You shall continue to assess the adequacy of your chosen salvors and firefighters as required by 33 CFR 155.4050.

The vessel must keep a copy of this approval letter onboard in addition to the minimum sections of the plan as required by 33 CFR 155.1030. In accordance with 33 CFR 155.1070, you are required to review your plan annually and submit plan amendments for approval. As per 33 CFR 155.1070(b), the entire plan must be resubmitted for a comprehensive review and approval six (6) months prior to the expiration date.

APPROVED CAPTAIN OF THE PORT ZONES

CORPUS CHRISTI
HOUMA
HOUSTON-GALVESTON

LOWER MISSISSIPPI RIVER OHIO VALLEY
(MEMPHIS) PORT ARTHUR AND LAKE
MOBILE CHARLES
NEW ORLEANS

UPPER MISSISSIPPI RIVER
(ST. LOUIS)

Sincerely,



CHARRON MCCOMBS

Lieutenant Commander

Acting Chief, Domestic Preparedness & Planning Division

U.S. Coast Guard

By direction

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

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

BARGE CCL 4
HULL #2034

TANK GAUGE TABLE

NO. 1

GAUGE HEIGHT 15'-9 3/4"

INNAE TABLE

Table with columns for IN, FT, IN, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 FT IN. It contains a grid of numerical values representing tank measurements.

CAPACITIES GIVEN IN U. S. GALLONS

NOTE: GAGE LOCATION CENTERED ON 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

Strapped By: JAB & PLB FEB.
COMPUTED BY: DRC "
CHECKED BY: WLS DATE " 1968



E. W. SAYBOLT & CO., INC.

BY *William L. Schroeder*
DEPUTY INSPECTOR OF PETROLEUM

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

BARGE CCL 4
HULL #2034

TANK GAUGE TABLE

NO. 2

GAUGE HEIGHT 15'-10 1/2"

TK #2

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	8.637	0	1.9	0.74	0	2.9	5.06	0	3.9	9.22	0	5.0	15.9	0	6.0	7.97	0	7.1	23.4	0	8.1	6.72	0	9.2	11.0	0	10.2	5.47	0	11.2	9.85	0
1	3.6	1/4	8.854	1/4	1.9	2.91	1/4	2.9	7.23	1/4	4.0	11.39	1/4	5.0	17.7	1/4	6.1	10.14	1/4	7.1	4.52	1/4	8.1	8.89	1/4	9.2	3.27	1/4	10.2	7.65	1/4	11.3	2.02	1/4
2	5.4	1/2	9.072	1/2	1.9	5.09	1/2	2.9	9.40	1/2	4.0	13.56	1/2	5.0	19.94	1/2	6.1	12.32	1/2	7.1	6.69	1/2	8.2	10.7	1/2	9.2	5.44	1/2	10.2	9.82	1/2	11.3	4.20	1/2
3	7.2	3/4	9.289	3/4	1.9	7.26	3/4	3.0	11.57	3/4	4.0	15.74	3/4	5.1	21.12	3/4	6.1	14.49	3/4	7.1	8.87	3/4	8.2	13.24	3/4	9.2	7.62	3/4	10.3	12.00	3/4	11.3	6.37	3/4
4	9.0	1	9.507	1	1.9	9.43	1	3.0	13.74	1	4.0	17.91	1	5.1	22.29	1	6.1	16.67	1	7.2	10.04	1	8.2	15.42	1	9.2	9.79	1	10.3	14.17	1	11.3	8.55	1
5	10.8	1 1/4	9.724	1 1/4	2.0	11.61	1 1/4	3.0	15.90	1 1/4	4.1	20.09	1 1/4	5.1	24.46	1 1/4	6.1	18.84	1 1/4	7.2	12.22	1 1/4	8.2	17.59	1 1/4	9.3	11.97	1 1/4	10.3	16.34	1 1/4	11.4	10.72	1 1/4
6	12.6	1 1/2	9.942	1 1/2	2.0	13.78	1 1/2	3.0	18.07	1 1/2	4.1	22.26	1 1/2	5.1	26.64	1 1/2	6.2	21.01	1 1/2	7.2	15.39	1 1/2	8.2	19.77	1 1/2	9.3	14.14	1 1/2	10.3	18.52	1 1/2	11.4	12.89	1 1/2
7	14.4	1 3/4	10.159	1 3/4	2.0	15.96	1 3/4	3.1	20.24	1 3/4	4.1	24.44	1 3/4	5.1	28.81	1 3/4	6.2	23.19	1 3/4	7.2	17.57	1 3/4	8.3	21.94	1 3/4	9.3	16.32	1 3/4	10.4	20.69	1 3/4	11.4	15.07	1 3/4
8	16.2	2	10.376	2	2.0	18.13	2	3.1	24.41	2	4.1	28.61	2	5.1	33.16	2	6.2	27.54	2	7.2	21.04	2	8.3	24.12	2	9.3	18.49	2	10.4	22.87	2	11.4	17.24	2
9	18.0	2 1/4	10.594	2 1/4	2.1	20.31	2 1/4	3.1	28.58	2 1/4	4.1	32.96	2 1/4	5.2	37.36	2 1/4	6.2	31.16	2 1/4	7.2	23.16	2 1/4	8.3	26.46	2 1/4	9.3	20.67	2 1/4	10.4	24.50	2 1/4	11.4	19.42	2 1/4
10	19.8	2 1/2	10.811	2 1/2	2.1	22.48	2 1/2	3.1	32.75	2 1/2	4.2	37.92	2 1/2	5.2	42.34	2 1/2	6.2	35.74	2 1/2	7.2	25.39	2 1/2	8.3	28.46	2 1/2	9.3	24.28	2 1/2	10.4	27.22	2 1/2	11.4	21.59	2 1/2
11	21.6	3	11.029	3	2.1	24.65	3	3.2	36.92	3	4.2	42.31	3	5.2	47.71	3	6.3	41.89	3	7.3	30.09	3	8.3	32.46	3	9.4	28.84	3	10.4	31.99	3	11.5	23.77	3
12	23.4	3 1/4	11.246	3 1/4	2.1	26.83	3 1/4	3.2	41.08	3 1/4	4.2	47.31	3 1/4	5.3	52.69	3 1/4	6.3	46.06	3 1/4	7.3	33.84	3 1/4	8.4	34.81	3 1/4	9.4	31.93	3 1/4	10.5	35.73	3 1/4	11.5	25.94	3 1/4
13	25.2	3 1/2	11.464	3 1/2	2.1	29.00	3 1/2	3.2	45.25	3 1/2	4.2	51.86	3 1/2	5.3	57.66	3 1/2	6.3	52.24	3 1/2	7.4	40.61	3 1/2	8.4	41.99	3 1/2	9.4	39.36	3 1/2	10.5	43.47	3 1/2	11.5	28.12	3 1/2
14	27.0	3 3/4	11.681	3 3/4	2.2	31.18	3 3/4	3.2	52.42	3 3/4	4.2	58.66	3 3/4	5.3	64.03	3 3/4	6.3	58.41	3 3/4	7.4	42.79	3 3/4	8.4	44.16	3 3/4	9.5	41.54	3 3/4	10.5	45.91	3 3/4	11.6	30.29	3 3/4
15	28.8	4	11.898	4	2.2	33.35	4	3.2	57.59	4	4.3	61.83	4	5.3	67.21	4	6.4	60.59	4	7.4	44.96	4	8.4	46.34	4	9.5	43.71	4	10.5	48.09	4	11.6	32.47	4
16	30.6	4 1/4	12.116	4 1/4	2.2	35.53	4 1/4	3.2	59.76	4 1/4	4.3	64.01	4 1/4	5.3	70.38	4 1/4	6.4	64.27	4 1/4	7.4	47.14	4 1/4	8.5	48.14	4 1/4	9.5	45.89	4 1/4	10.6	50.64	4 1/4	11.6	34.64	4 1/4
17	32.4	4 1/2	12.333	4 1/2	2.2	37.70	4 1/2	3.2	61.93	4 1/2	4.3	66.18	4 1/2	5.4	72.66	4 1/2	6.4	66.43	4 1/2	7.4	49.31	4 1/2	8.5	50.69	4 1/2	9.5	48.06	4 1/2	10.6	52.44	4 1/2	11.6	36.81	4 1/2
18	34.2	4 3/4	12.551	4 3/4	2.2	39.87	4 3/4	3.2	64.09	4 3/4	4.3	68.36	4 3/4	5.4	74.27	4 3/4	6.4	68.71	4 3/4	7.5	51.48	4 3/4	8.5	52.86	4 3/4	9.6	50.24	4 3/4	10.6	54.61	4 3/4	11.6	38.99	4 3/4
19	36.0	5	12.768	5	2.2	42.05	5	3.2	66.26	5	4.4	70.53	5	5.4	76.91	5	6.4	71.28	5	7.5	53.66	5	8.5	54.84	5	9.6	52.41	5	10.6	56.47	5	11.7	41.16	5
20	37.8	5 1/4	12.986	5 1/4	2.2	44.22	5 1/4	3.2	68.43	5 1/4	4.4	72.71	5 1/4	5.4	79.08	5 1/4	6.5	74.46	5 1/4	7.5	55.81	5 1/4	8.5	56.81	5 1/4	9.6	54.59	5 1/4	10.6	58.96	5 1/4	11.7	43.34	5 1/4
21	39.6	5 1/2	13.203	5 1/2	2.2	46.40	5 1/2	3.2	70.60	5 1/2	4.4	74.88	5 1/2	5.4	81.26	5 1/2	6.5	76.33	5 1/2	7.5	58.03	5 1/2	8.5	59.38	5 1/2	9.6	56.76	5 1/2	10.7	61.14	5 1/2	11.7	45.51	5 1/2
22	41.4	5 3/4	13.420	5 3/4	2.2	48.57	5 3/4	3.2	72.77	5 3/4	4.4	77.05	5 3/4	5.5	83.43	5 3/4	6.5	78.81	5 3/4	7.6	60.18	5 3/4	8.5	61.46	5 3/4	9.6	58.93	5 3/4	10.7	63.11	5 3/4	11.7	47.69	5 3/4
23	43.2	6	13.638	6	2.2	50.75	6	3.2	74.94	6	4.4	79.23	6	5.5	85.61	6	6.5	79.98	6	7.6	62.36	6	8.6	63.73	6	9.7	61.11	6	10.7	64.99	6	11.7	49.86	6
24	45.0	6 1/4	13.855	6 1/4	2.2	52.92	6 1/4	3.2	77.11	6 1/4	4.5	81.40	6 1/4	5.5	87.78	6 1/4	6.6	80.16	6 1/4	7.6	64.53	6 1/4	8.6	65.91	6 1/4	9.7	63.28	6 1/4	10.7	67.66	6 1/4	11.8	52.04	6 1/4
25	46.8	6 1/2	14.073	6 1/2	2.2	55.09	6 1/2	3.2	79.27	6 1/2	4.5	83.58	6 1/2	5.5	90.16	6 1/2	6.6	82.33	6 1/2	7.6	66.67	6 1/2	8.6	67.74	6 1/2	9.7	65.46	6 1/2	10.7	69.83	6 1/2	11.8	54.21	6 1/2
26	48.6	6 3/4	14.290	6 3/4	2.2	57.27	6 3/4	3.2	81.44	6 3/4	4.5	85.75	6 3/4	5.6	92.13	6 3/4	6.6	84.50	6 3/4	7.6	68.88	6 3/4	8.6	69.88	6 3/4	9.7	67.63	6 3/4	10.8	72.01	6 3/4	11.8	56.38	6 3/4
27	50.4	7	14.508	7	2.2	59.44	7	3.2	83.61	7	4.5	87.93	7	5.6	94.30	7	6.6	86.68	7	7.7	71.06	7	8.7	71.43	7	9.7	69.81	7	10.8	74.18	7	11.8	58.56	7
28	52.2	7 1/4	14.725	7 1/4	2.2	61.62	7 1/4	3.2	85.78	7 1/4	4.6	90.10	7 1/4	5.6	96.48	7 1/4	6.6	88.85	7 1/4	7.7	73.23	7 1/4	8.7	73.61	7 1/4	9.8	71.98	7 1/4	10.8	76.67	7 1/4	11.9	60.73	7 1/4
29	54.0	7 1/2	14.943	7 1/2	2.2	63.79	7 1/2	3.2	87.95	7 1/2	4.6	92.28	7 1/2	5.6	98.65	7 1/2	6.7	90.03	7 1/2	7.7	75.40	7 1/2	8.7	75.78	7 1/2	9.8	74.16	7 1/2	10.8	78.53	7 1/2	11.9	62.91	7 1/2
30	55.8	7 3/4	15.160	7 3/4	2.2	65.97	7 3/4	3.2	90.12	7 3/4	4.6	94.45	7 3/4	5.6	100.83	7 3/4	6.7	92.20	7 3/4	7.7	77.58	7 3/4	8.8	77.58	7 3/4	9.8	76.33	7 3/4	10.9	80.71	7 3/4	11.9	65.08	7 3/4
31	57.6	8	15.377	8	2.2	68.14	8	3.2	92.29	8	4.6	96.63	8	5.7	102.00	8	6.7	94.08	8	7.7	79.75	8	8.8	79.75	8	9.8	78.08	8	10.9	82.88	8	11.9	67.26	8
32	59.4	8 1/4	15.595	8 1/4	2.2	70.31	8 1/4	3.2	94.45	8 1/4	4.6	98.80	8 1/4	5.7	103.18	8 1/4	6.7	95.55	8 1/4	7.8	81.93	8 1/4	8.8	81.93	8 1/4	9.9	80.68	8 1/4	10.9	85.06	8 1/4	11.9	69.43	8 1/4
33	61.2	8 1/2	15.812	8 1/2	2.2	72.49	8 1/2	3.2	96.62	8 1/2	4.7	100.97	8 1/2	5.7	105.35	8 1/2	6.7	97.73	8 1/2	7.8	84.10	8 1/2	8.8	84.10	8 1/2	9.9	82.85	8 1/2	10.9	87.23	8 1/2	12.0	71.61	8 1/2
34	63.0	8 3/4	16.030	8 3/4	2.2	74.66	8 3/4	3.2	98.79	8 3/4	4.7	103.15	8 3/4	5.7	107.52	8 3/4	6.8	100.90	8 3/4	7.8	86.28	8 3/4	8.9	86.28	8 3/4	9.9	85.03	8 3/4	10.9	89.40	8 3/4	12.0	73.78	8 3/4
35	64.8	9	16.247	9	2.2	76.84	9	3.2	100.96	9	4.7	105.32	9	5.7	109.70	9	6.8	103.08	9	7.8	88.45	9	8.9	88.45	9	9.9	87.20	9	11.0	92.58	9	12.0	75.96	9
36	66.6	9 1/4	16.465	9 1/4	2.2	79.01	9 1/4	3.2	103.13	9 1/4	4.7	107.50	9 1/4	5.8	111.87	9 1/4	6.8	105.25	9 1/4	7.9	90.63	9 1/4	8.9	90.63	9 1/4	9.9	89.38	9 1/4	11.0	95.75	9 1/4	12.0	78.13	9 1/4
37	68.4</																																	

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

BARGE CCL 4
HULL #2034

TANK GAUGE TABLE

NO. 2

GAUGE HEIGHT 15'-10 1/2"

INNAGE TABLE

IN	12	FT	IN	13	FT	IN	14	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN	FT	IN
0	12.3	4.22	0	13.3	8.60	0	14.4	2.98	0	0	0	0	0	0	0	0	0	0	0
1/4	12.3	6.40	1/4	13.4	0.77	1/4	14.4	5.15	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	12.3	8.57	1/2	13.4	2.95	1/2	14.4	7.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	12.4	0.75	3/4	13.4	5.12	3/4	14.4	9.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	12.4	2.92	1	13.4	7.30	1	14.5	1.67	1	1	1	1	1	1	1	1	1	1	1
1 1/4	12.4	5.10	1 1/4	13.4	9.47	1 1/4	14.5	3.85	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	12.4	7.27	1 1/2	13.5	1.65	1 1/2	14.5	6.02	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	12.4	9.45	1 3/4	13.5	3.82	1 3/4	14.5	8.20	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	12.5	1.62	2	13.5	6.00	2	14.6	0.37	2	2	2	2	2	2	2	2	2	2	2
2 1/4	12.5	3.79	2 1/4	13.5	8.17	2 1/4	14.6	2.55	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	12.5	5.97	2 1/2	13.6	0.34	2 1/2	14.6	4.72	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	12.5	8.14	2 3/4	13.6	2.52	2 3/4	14.6	6.90	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	12.6	0.32	3	13.6	4.69	3	14.6	9.07	3	3	3	3	3	3	3	3	3	3	3
3 1/4	12.6	2.49	3 1/4	13.6	6.87	3 1/4	14.7	1.06	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	12.6	4.67	3 1/2	13.6	9.04	3 1/2	14.7	3.06	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	12.6	6.84	3 3/4	13.7	1.22	3 3/4	14.7	5.05	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	12.6	9.02	4	13.7	3.39	4	14.7	7.04	4	4	4	4	4	4	4	4	4	4	4
4 1/4	12.7	1.19	4 1/4	13.7	5.57	4 1/4	14.7	8.67	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	12.7	3.36	4 1/2	13.7	7.74	4 1/2	14.8	0.30	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	12.7	5.54	4 3/4	13.7	9.92	4 3/4	14.8	1.94	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	12.7	7.71	5	13.8	2.09	5	14.8	3.57	5	5	5	5	5	5	5	5	5	5	5
5 1/4	12.7	9.89	5 1/4	13.8	4.26	5 1/4	14.8	4.84	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	12.8	2.06	5 1/2	13.8	6.44	5 1/2	14.8	6.10	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	12.8	4.24	5 3/4	13.8	8.61	5 3/4	14.8	7.37	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	12.8	6.41	6	13.9	0.79	6	14.8	8.64	6	6	6	6	6	6	6	6	6	6	6
6 1/4	12.8	8.59	6 1/4	13.9	2.96	6 1/4	14.8	9.55	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	12.9	0.76	6 1/2	13.9	5.14	6 1/2	14.9	0.45	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	12.9	2.94	6 3/4	13.9	7.31	6 3/4	14.9	1.36	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	12.9	5.11	7	13.9	9.49	7	14.9	2.26	7	7	7	7	7	7	7	7	7	7	7
7 1/4	12.9	7.28	7 1/4	14.0	1.66	7 1/4	14.9	2.81	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	12.9	9.46	7 1/2	14.0	3.83	7 1/2	14.9	3.35	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	13.0	1.63	7 3/4	14.0	6.01	7 3/4	14.9	3.90	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	13.0	3.81	8	14.0	8.18	8	14.9	4.44	8	8	8	8	8	8	8	8	8	8	8
8 1/4	13.0	5.98	8 1/4	14.1	0.36	8 1/4	14.9	4.62	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	13.0	8.16	8 1/2	14.1	2.53	8 1/2	14.9	4.80	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	13.1	0.33	8 3/4	14.1	4.71	8 3/4	14.9	4.98	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	13.1	2.51	9	14.1	6.88	9	14.9	5.16	9	9	9	9	9	9	9	9	9	9	9
9 1/4	13.1	4.68	9 1/4	14.1	9.06	9 1/4	14.9	5.17	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	13.1	6.85	9 1/2	14.2	1.23	9 1/2	14.9	5.17	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	13.1	9.03	9 3/4	14.2	3.41	9 3/4	14.9	5.17	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	13.2	1.20	10	14.2	5.58	10	14.9	5.18	10	10	10	10	10	10	10	10	10	10	10
10 1/4	13.2	3.38	10 1/4	14.2	7.75	10 1/4			10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	13.2	5.55	10 1/2	14.2	9.93	10 1/2			10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	13.2	7.73	10 3/4	14.3	2.10	10 3/4			10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	13.2	9.90	11	14.3	4.28	11			11	11	11	11	11	11	11	11	11	11	11
11 1/4	13.3	2.08	11 1/4	14.3	6.45	11 1/4			11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	13.3	4.25	11 1/2	14.3	8.63	11 1/2			11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	13.3	6.43	11 3/4	14.4	0.80	11 3/4			11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4

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

CAPACITIES GIVEN IN U. S. GALLONS

Strapped By: JAB & PLB
COMPUTED BY: DHC
CHECKED BY: WLS
Date: FEB-11-1968



E. W. SAYBOLT & CO., INC.

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

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

BARGE CCL4
HULL #2034

TANK GAUGE TABLE
NO. 3
GAUGE HEIGHT 15'-9 3/8"

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	
0	18	0	8.631	0	1.9057	0	2.9483	0	3.9907	0	5.0334	0	6.0761	0	7.1188	0	8.1616	0	9.2043	0	10.2470	0	11.2897	0	12.3324
1	16	1/4	8.548	1/4	1.9274	1/4	2.9700	1/4	4.0125	1/4	5.0552	1/4	6.0979	1/4	7.1406	1/4	8.1833	1/4	9.2260	1/4	10.2687	1/4	11.3114	1/4	12.3541
2	53	1/2	9.063	1/2	1.9491	1/2	2.9917	1/2	4.0342	1/2	5.0769	1/2	6.1196	1/2	7.1623	1/2	8.2050	1/2	9.2477	1/2	10.2904	1/2	11.3331	1/2	12.3758
3	71	3/4	9.282	3/4	1.9708	3/4	3.0134	3/4	4.0559	3/4	5.0986	3/4	6.1413	3/4	7.1840	3/4	8.2267	3/4	9.2694	3/4	10.3121	3/4	11.3548	3/4	12.3985
4	92	1	9.500	1	1.9926	1	3.0351	1	4.0776	1	5.1203	1	6.1630	1	7.2057	1	8.2484	1	9.2911	1	10.3339	1	11.3766	1	12.4112
5	183	1 1/4	9.717	1 1/4	2.0143	1 1/4	3.0568	1 1/4	4.0994	1 1/4	5.1421	1 1/4	6.1848	1 1/4	7.2275	1 1/4	8.2702	1 1/4	9.3129	1 1/4	10.3556	1 1/4	11.3983	1 1/4	12.4417
6	274	1 1/2	9.934	1 1/2	2.0360	1 1/2	3.0786	1 1/2	4.1211	1 1/2	5.1638	1 1/2	6.2065	1 1/2	7.2492	1 1/2	8.2919	1 1/2	9.3346	1 1/2	10.3773	1 1/2	11.4144	1 1/2	12.4622
7	365	1 3/4	10.151	1 3/4	2.0577	1 3/4	3.1003	1 3/4	4.1428	1 3/4	5.1855	1 3/4	6.2282	1 3/4	7.2709	1 3/4	8.3136	1 3/4	9.3563	1 3/4	10.3990	1 3/4	11.4417	1 3/4	12.4831
8	456	2	10.368	2	2.0794	2	3.1220	2	4.1645	2	5.2072	2	6.2499	2	7.2926	2	8.3353	2	9.3780	2	10.4217	2	11.4644	2	12.5040
9	620	2 1/4	10.586	2 1/4	2.1012	2 1/4	3.1437	2 1/4	4.1862	2 1/4	5.2289	2 1/4	6.2717	2 1/4	7.3144	2 1/4	8.3571	2 1/4	9.3998	2 1/4	10.4425	2 1/4	11.4852	2 1/4	12.5249
10	783	2 1/2	10.803	2 1/2	2.1229	2 1/2	3.1654	2 1/2	4.2080	2 1/2	5.2507	2 1/2	6.2934	2 1/2	7.3361	2 1/2	8.3788	2 1/2	9.4215	2 1/2	10.4642	2 1/2	11.5060	2 1/2	12.5458
11	946	2 3/4	11.020	2 3/4	2.1446	2 3/4	3.1871	2 3/4	4.2297	2 3/4	5.2724	2 3/4	6.3151	2 3/4	7.3578	2 3/4	8.4005	2 3/4	9.4432	2 3/4	10.4859	2 3/4	11.5267	2 3/4	12.5667
12	1110	3	11.237	3	2.1663	3	3.2089	3	4.2514	3	5.2941	3	6.3368	3	7.3795	3	8.4222	3	9.4649	3	10.5076	3	11.5474	3	12.5876
13	1310	3 1/4	11.454	3 1/4	2.1881	3 1/4	3.2306	3 1/4	4.2731	3 1/4	5.3158	3 1/4	6.3585	3 1/4	7.4012	3 1/4	8.4440	3 1/4	9.4867	3 1/4	10.5294	3 1/4	11.5683	3 1/4	12.6085
14	1509	3 1/2	11.672	3 1/2	2.2098	3 1/2	3.2523	3 1/2	4.2949	3 1/2	5.3376	3 1/2	6.3803	3 1/2	7.4230	3 1/2	8.4657	3 1/2	9.5084	3 1/2	10.5511	3 1/2	11.5892	3 1/2	12.6294
15	1708	4	11.889	4	2.2315	4	3.2740	4	4.3166	4	5.3593	4	6.4020	4	7.4447	4	8.4874	4	9.5301	4	10.5728	4	11.6101	4	12.6503
16	1908	4 1/4	12.106	4 1/4	2.2532	4 1/4	3.2957	4 1/4	4.3383	4 1/4	5.3810	4 1/4	6.4237	4 1/4	7.4664	4 1/4	8.5091	4 1/4	9.5518	4 1/4	10.5945	4 1/4	11.6310	4 1/4	12.6712
17	2108	4 1/2	12.323	4 1/2	2.2749	4 1/2	3.3174	4 1/2	4.3600	4 1/2	5.4027	4 1/2	6.4454	4 1/2	7.4881	4 1/2	8.5308	4 1/2	9.5735	4 1/2	10.6163	4 1/2	11.6519	4 1/2	12.6921
18	2308	4 3/4	12.541	4 3/4	2.2967	4 3/4	3.3392	4 3/4	4.3818	4 3/4	5.4245	4 3/4	6.4672	4 3/4	7.5099	4 3/4	8.5526	4 3/4	9.5953	4 3/4	10.6380	4 3/4	11.6728	4 3/4	12.7130
19	2507	5	12.758	5	2.3184	5	3.3609	5	4.4035	5	5.4462	5	6.4889	5	7.5316	5	8.5743	5	9.6170	5	10.6597	5	11.7137	5	12.7339
20	2707	5 1/4	12.975	5 1/4	2.3401	5 1/4	3.3826	5 1/4	4.4252	5 1/4	5.4679	5 1/4	6.5106	5 1/4	7.5533	5 1/4	8.5960	5 1/4	9.6387	5 1/4	10.6814	5 1/4	11.7346	5 1/4	12.7548
21	2907	5 1/2	13.192	5 1/2	2.3618	5 1/2	3.4043	5 1/2	4.4469	5 1/2	5.4896	5 1/2	6.5323	5 1/2	7.5750	5 1/2	8.6177	5 1/2	9.6604	5 1/2	10.7031	5 1/2	11.7555	5 1/2	12.7757
22	3106	5 3/4	13.409	5 3/4	2.3835	5 3/4	3.4260	5 3/4	4.4686	5 3/4	5.5113	5 3/4	6.5541	5 3/4	7.5968	5 3/4	8.6395	5 3/4	9.6822	5 3/4	10.7249	5 3/4	11.7764	5 3/4	12.7966
23	3306	6	13.627	6	2.4053	6	3.4477	6	4.4904	6	5.5331	6	6.5758	6	7.6185	6	8.6612	6	9.7039	6	10.7466	6	11.7973	6	12.8175
24	3505	6 1/4	13.844	6 1/4	2.4270	6 1/4	3.4695	6 1/4	4.5121	6 1/4	5.5548	6 1/4	6.5975	6 1/4	7.6402	6 1/4	8.6829	6 1/4	9.7256	6 1/4	10.7683	6 1/4	11.8182	6 1/4	12.8384
25	3705	6 1/2	14.061	6 1/2	2.4487	6 1/2	3.4912	6 1/2	4.5338	6 1/2	5.5765	6 1/2	6.6192	6 1/2	7.6619	6 1/2	8.7046	6 1/2	9.7473	6 1/2	10.7900	6 1/2	11.8391	6 1/2	12.8593
26	3905	6 3/4	14.278	6 3/4	2.4704	6 3/4	3.5129	6 3/4	4.5555	6 3/4	5.5982	6 3/4	6.6409	6 3/4	7.6836	6 3/4	8.7264	6 3/4	9.7691	6 3/4	10.8118	6 3/4	11.8600	6 3/4	12.8802
27	4104	7	14.495	7	2.4921	7	3.5346	7	4.5773	7	5.6200	7	6.6627	7	7.7054	7	8.7481	7	9.7908	7	10.8335	7	11.8809	7	12.9011
28	4304	7 1/4	14.713	7 1/4	2.5139	7 1/4	3.5563	7 1/4	4.5990	7 1/4	5.6417	7 1/4	6.6844	7 1/4	7.7271	7 1/4	8.7698	7 1/4	9.8125	7 1/4	10.8552	7 1/4	11.9018	7 1/4	12.9220
29	4504	7 1/2	14.930	7 1/2	2.5356	7 1/2	3.5780	7 1/2	4.6207	7 1/2	5.6634	7 1/2	6.7061	7 1/2	7.7488	7 1/2	8.7915	7 1/2	9.8342	7 1/2	10.8769	7 1/2	11.9227	7 1/2	12.9429
30	4721	7 3/4	15.147	7 3/4	2.5573	7 3/4	3.5998	7 3/4	4.6424	7 3/4	5.6851	7 3/4	6.7278	7 3/4	7.7705	7 3/4	8.8132	7 3/4	9.8559	7 3/4	10.8986	7 3/4	11.9436	7 3/4	12.9638
31	4938	8	15.364	8	2.5790	8	3.6215	8	4.6642	8	5.7069	8	6.7496	8	7.7923	8	8.8350	8	9.8777	8	10.9203	8	11.9644	8	12.9847
32	5155	8 1/4	15.581	8 1/4	2.6008	8 1/4	3.6432	8 1/4	4.6859	8 1/4	5.7286	8 1/4	6.7713	8 1/4	7.8140	8 1/4	8.8567	8 1/4	9.9104	8 1/4	10.9420	8 1/4	11.9854	8 1/4	13.0056
33	5373	8 1/2	15.799	8 1/2	2.6225	8 1/2	3.6649	8 1/2	4.7076	8 1/2	5.7503	8 1/2	6.7930	8 1/2	7.8357	8 1/2	8.8784	8 1/2	9.9321	8 1/2	10.9637	8 1/2	12.0063	8 1/2	13.0265
34	5590	8 3/4	16.016	8 3/4	2.6442	8 3/4	3.6866	8 3/4	4.7293	8 3/4	5.7720	8 3/4	6.8147	8 3/4	7.8574	8 3/4	8.9001	8 3/4	9.9538	8 3/4	10.9854	8 3/4	12.0272	8 3/4	13.0474
35	5807	9	16.233	9	2.6659	9	3.7084	9	4.7510	9	5.7937	9	6.8363	9	7.8792	9	8.9219	9	9.9755	9	11.0071	9	12.0481	9	13.0683
36	6024	9 1/4	16.450	9 1/4	2.6876	9 1/4	3.7301	9 1/4	4.7728	9 1/4	5.8155	9 1/4	6.8582	9 1/4	7.9009	9 1/4	8.9436	9 1/4	9.9992	9 1/4	11.0288	9 1/4	12.0690	9 1/4	13.0894
37	6241	9 1/2	16.668	9 1/2	2.7094	9 1/2	3.7518	9 1/2	4.7945	9 1/2	5.8372	9 1/2	6.8799	9 1/2	7.9226	9 1/2	8.9653	9 1/2	10.0109	9 1/2	11.0505	9 1/2	12.0901	9 1/2	13.1105
38	6459	9 3/4	16.885	9 3/4	2.7311	9 3/4	3.7735	9 3/4	4.8162	9 3/4	5.8589	9 3/4	6.9016	9 3/4	7.9443	9 3/4	8.9870	9 3/4	10.0326	9 3/4	11.0722	9 3/4	12.1112	9 3/4	13.1316
39	6676	10	17.102	10	2.7528	10	3.7952	10	4.8379	10	5.8806	10	6.9233	10	7.9660	10	9.0088	10	10.0543	10	11.0939	10	12.1323	10	13.1527
40	6893	10 1/4	17.319	10 1/4	2.7745	10 1/4	3.8170	10 1/4	4.8597	10 1/4	5.9024	10 1/4	6.9451	10 1/4	7.9878	10 1/4	9.0305	10 1/4	10.0760	10 1/4	11.1156	10 1/4	12.1534	10 1/4	13.1738
41	7110	10 1/2	17.536	10 1/2	2.7962	10 1/2	3.8387	10 1/2	4.8814	10 1/2	5.9241	10 1/2	6.9668	10 1/2	8.0095	10 1/2	9.0522	10 1/2	10.0983	10 1/2	11.1373	10 1/2	12.1745	10 1/2	13.1949
42	7327	10 3/4	17.754	10 3/4	2.8180	10 3/4	3.8604	10 3/4	4.9031	10 3/4	5.9458	10 3/4	6.9885	10 3/4	8.0312	10 3/4	9.0739	10 3/4	10.1200	10 3/4	11.1590	10 3/4	12.1956	10 3/4	13.2160
43	7545	11	17.971	11	2.8397	11	3.8821	11	4.9248	11	5.9675	11	7.0102	11	8.0529	11	9.0956	11	10.1417	11	11.1807	11	12.2167	11	13.2371
44	7762	11 1/4	18.188	11 1/4	2.8614	11 1/4	3.9038	11 1/4	4.9465	11 1/4	5.9893	11 1/4	7.0320	11 1/4	8.0747	11 1/4	9.1174	11 1/4	10.1634	11 1/4	11.2024	11 1/4	12.2378	11 1/4	13.2582
45	7979	11 1/2	18.405	11 1/2	2.8831	11 1/2	3.9256	11 1/2	4.9683	11 1/2	6.0110														

E. W. SAYBOLT & CO., INC.
JOB. H. MCAREE JOB. H. MCAREE, JR.
APPROVED AND LICENSED BY
THE NEW YORK PRODUCE EXCHANGE
INSPECTORS OF PETROLEUM

BARGE CCL 4
HULL #2034

TANK GAUGE TABLE

NO. 3

GAUGE HEIGHT 15'-9 3/8"

INRAGE TABLE

Table with columns for height in feet and inches (0 to 13) and corresponding capacity in U.S. gallons. The table is organized into sections for 12 FT, 13 FT, 14 FT, and 15 FT, with sub-columns for inches. A diagonal line is drawn through the bottom right portion of the table.

CAPACITIES GIVEN IN U. S. GALLONS

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

Strapped By: JAB & PLB
COMPUTED BY: DHC
CHECKED BY: WLS
DATE: FEB. 1968



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

Date of Issue - February 14, 1968