

SECTION

No. 800

No. 7418

State if Report is sent on the Machinery of the Vessel..... **YES:**

~~5th~~ JANUARY: 1938:

Port of PHILADELPHIA: PA:

No. 7418

Survey held at Chester Va.

Date First Survey

8⁴ — FEB: 1937

Last Survey 21st DECEMBER, 1937

On the (State if Machinery fitted Aft and
if Single, Twin or Triple Screw)

M.V. 55. / RHODE ISLAND.

MACHINERY; AFT.

State Type (~~Full Scantling~~ Complete Superstructure
with or without Tonnage Openings)

Full. Sealings:

State Type of Erections *Pop: Budor & Felo*

TONNAGE under } 7765.
Tonnage Deck... }

CLASS Δ . 100A1.

State if with freeboard } NO.
as condition of Class }

Built at Chester, Pa.

*Do. of space or spaces
between Tonnage Dk.
and Upper Dk.*

Length from fore part of stem to ~~after~~ ^{top of knicker stock} part of stern }
most on summer L.W.L. See Sec. 3 (1a) }

Launched 19th OCTOBER 1937 Yard No. 165.

Total

Breadth (*greatest moulded*) **B** 65'-0" ✓

Builders *Iron Shipbuilding & Drydock Co.*

Gross Tonnage 8562.

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D 34'-3"**

Owners The Texas Oil Co.

Register Tonnage 5070.

2nd Numeral $L \times (B + D) \dots\dots\dots = 46,151. \checkmark$

Managers ✓
(Where necessary to be entered in Reg. Book.)

Residence

Port of Registry Wilmington Delaware, Usa.

If surveyed while building, afloat, or in dry dock

Building and Float.

FRAMES, DOUBLE BOTTOM AND BEAMS.

DISCLOSED
SECTION
No. 800

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....			Stringer Plate, breadth and thickness in way of Bridge	✓	
" in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells.....	✓	
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge	✓	
" in Holds " "			Thickness of Plating within line of openings...	✓	
" " " " " "			If Sheathed, material and thickness	✓	
Centre-line Bulkheads			Third Deck, CARGO FLAT FORWARD:		
VERT. Stiffeners and Spacing 10x3.5x46.5 SPACED 29"			Stringer Plate, breadth and thickness.....	46" x 46"	✓
BRACKETED TOP & BOTT. 3/4" RIV. SPACED 4 1/2"			If Plated, state thickness.....	42"	✓
Plating, thickness of			Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness.....	✓	
Uppermost Continuous Deck.			If Plated, state thickness	✓	
Stringer Plate, breadth and thickness in Wells	89" x .75 to .52	AT ENDS: ✓	Poop Deck.		
" " " " in way of Bridge	89" x .90"	✓	Stringer Plate, breadth and thickness	39" x .44 to .37	
" Angle in Wells	6" x 6" x .875	✓	Plating, Sheathing, material and thickness ...	PLATED .25" .30"	✓
Thickness of Plating abreast Deck openings in way of Wells56"		Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge	✓		Stringer Plate, breadth and thickness.....	43" x .44"	✓
Thickness of Plating within line of openings...	✓		Plating, Sheathing, material and thickness ...	PLATED .34"	✓
If Sheathed, material and thickness	✓		Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	36" x .38 to .36	✓
Stringer Plate, breadth and thickness in Wells...	94" x .40 to .38. AFT. OF TANK SPACE. 39" x .38 FOR ² OF OIL SPACE.	clear	Plating, Sheathing, material and thickness ...	PLATED .36"	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	54"	1.0" ✓	.80" ✓	.80" ✓		DOUBLE:	1 1/8"	4 1/2"	✓ 5	1 1/8"	4"	LAP.
" DBLG. (if any) ✓						✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes 4	✓	.70" ✓	.72" ✓	.52" ✓		DOUBLE.	7/8"	3 1/2"	✓ 5	7/8"	3 1/2"	LAP.
BILGE PLATING, No. of Strakes	✓	.70" ✓	.52" ✓	.52" ✓		"	7/8"	3 1/2"	✓ 5	7/8"	3 1/2"	"
SIDE PLATING, No. of Strakes 3	✓	.64" ✓	.50" ✓	.50" ✓		"	7/8"	3 1/8"	✓ 4	7/8"	3 1/2"	"
UPPER DECK, Sheer-strake in Wells.....	59 1/4"	1.04" ✓	✓	✓	LOWER EDGE	"	1"	4"	✓ 3	1 1/8"	4 1/2"	DBL. STRAP.
UPPER DECK, Sheer-strake in Bridge ...	59 1/4"	1.08" ✓	✓	✓	UPPER EDGE	TREBLE AT BREAK: 1 1/8" 5" ✓ 3			✓ 3	1 1/8"	4 1/2"	DBL. STRAP.
STRAKE BELOW Sheer-strake in Wells.....	78 3/4"	.64" ✓	.50" ✓	.50" ✓		DOUBLE:	7/8"	3 1/8"	✓ 4	7/8"	4 1/2"	LAP.
STRAKE BELOW Sheer-strake in Bridge ...	78 3/4"	.64" ✓	✓	✓		"	7/8"	3 1/8"	✓ 4	7/8"	4 1/2"	"
POOP SIDE PLATING	✓	.625 FWD. TO .43 AFT.				SINGLE.	5/8"	2 1/2"	✓ 2	5/8"	2 1/4"	"
BRIDGE SIDE PLATING ...	84" x .44	✓	✓	✓		"	1"	3 1/2"	✓ 3	7/8"	3 1/8"	"
FORECASTLE SIDE PLATING	✓	.44" ✓	✓	✓		"	3/4"	3"	✓ 2	3/4"	2 5/8"	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	
Extending to Upper Deck (Sec. 3 c) } COMPLETE TRANSVERSE W.T. B. O.T. B. HD'S.	
" Deck next below } 14" 14" IN. ALL AS APPROVED.	
As per Rule ✓	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓	✓	✓	✓
STEM	FORGING	10 1/2" x 2 3/4" ✓		
STERN FRAME	Propeller Post CASTING: GENERAL STEEL CASTING CORP.			
	Rudder " FORGING: SUNSHIP CASTING: PENN. STEEL CO.			
Speed of Vessel	13 1/2 KNOTS: ✓			
RUDDER—Type	BUILT:			
" A x D	920: ✓			
" Diam. of head	16" ✓			
" Mainpiece at top pintle	Cast Steel frame			
" " heel ...	double plate			
" how constructed	Streamlined			
" double or single plate	DOUBLE			
" coupling, vertical or horizontal	HORIZONTAL			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	CENTRE .40 .44 .52	10" x 3 1/2" x .52	31"	2 HORIZ. WEBS. 1 @ 40" DEEP. 1 @ 57"	✓
" " Second	WING .42 .46 .52	10" x 3 1/2" x .52	34"	2 HORIZ. WEBS. 29" DEEP.	✓
" " Third					
" " Holds		6" x 3" x .34	✓	✓	✓
COLLISION (in Hold)	To .52	10" x 3" x .46	26"	✓	✓
AFTER PEAK	To .56	10" x 3" x .375	27"	✓	✓

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	Phoenix Iron Co. Lukens Steel Co. Bethlehem Steel Co. Carnegie Illinois Steel Corp.
	Has the Steel been tested as required by the Rules? YES: ✓

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Rpt. 1*.

M.Y: "RHODE ISLAND" YARD: NO 165: Pnl: REPT. NO 7418:

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		RIVETS IN LONGITUDINAL FRAMES.		SPACING OF RIVETS ON EACH SIDE OF TRANSVERSES AND BULKHEADS.		RIVETS IN BRACKETS TO BULKHEADS.	
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Diam.		Spacing.		Number.		Diameter.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	
Framing of L E C		IN CENTRE TANK: BOTTOM:																			
Frames in Bridge 'tween Decks ...																					
Frames from Uppermost Continuous Deck	No. 1																				
	2																				
	3	18" x 4" x .50			18" x 4" x .50			18" x 4" x .50			18" x 4" x .50										
	4																				
	5																				
	6																				
	7																				
	8																				
	9																				
	10																				
	11																				
	12																				
	13																				
	14																				
	15																				
	16																				
Spacing of Longitudinal Frames	Amidships	31"						31"			31"										
	At Ends				31"						31"										
Double Bottoms	Tank Top Longitudinals																				
L, L or C	Bottom																				
Spacing of Longitudinals	Amidships																				
	At Ends																				
Transverses.																					
In Bridge 'tween Decks	Depth and Thickness																				
	Face Angles																				
	Lugs to Shell																				
In Upper 'tween Decks	Depth and Thickness	TRANSVERSE FRAMING:																			
	Face Angles																				
	Lugs to Shell																				
CENTRE TANK BOTTOM: In Hold.	Depth and Thickness	55" x .52																			
	Face Angles	DBL. BA. 9" x 3.5" x .50						As approved.			As approved.			7/8		5/4					
	Lugs to Shell	L-6" x 6" x .50												7/8		3 5/16		NO LINERS - NO JOGGLE.			
	Back Bars	NONE			NONE																
	Brackets	TO WING. BULKHEAD: 77" x 84" x .52			TO WING. - 42" x 42" x .44			as approved.			as approved.			7/8		3 1/2					
Spacing of Transverse Frames		9'-8"			9'-8"			as approved.			as approved.										
Longitudinal Beams of L, L or E	Bridge Deck	TRANSVERSE FRAMING: IN CR. TANK:																			

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

1m, 10, 29. T.

Lloyd's Register
red in their
Foundation ^{2/3}

011449-011460-0068

Oil Engine. C.L.

EQUIPMENT No. 47924				LETTER <i>At.</i>		ANCHORS. 3B: 15:		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK	WEIGHT OF STOCK	TEST, PER CERTIFICATE	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
12934	1st Bower	9125	✓	134960	9100	Baldt: Stockless	Baldt Anchor Co.	Chgo. Pa. 18/10/37 J.V.C.M.
12935	2nd "	9125	✓	134960	9100	"	"	"
12933	3rd "	7800	✓	122640	7784	"	"	"
	Collective weight.	26045	✓		25984			"
12949	Stream	3350	✓	64064	3290	"	"	" 20/12/37 J.V.C.M.

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.					
											Length.	Cir.		Length.	Cir.				
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.			
	Fathoms.	Ins.	Faths. Tons.	Cwts. lbs.	Cwts.	Fathoms.	Ins.	DI-LOK.			Fathoms.	Ins.		Fathoms.	Ins.				
3794.	150	2 3/16	273085-382315	42205	52640	300.	2 3/16	STURLINK BALDT.	CHESTER, PA. 23-7-37.	TOWLINE...	130	5 1/2	✓	130	5 1/2				
								<i>As approved</i>	J.V.C.M.										
3903.	150	2 3/16	273085-382315	42205	52640.	300.	2 3/16	DITTO:	CHESTER, PA. 16-12-37.	HAWSERS & WARPS }	2@100 FATH. 8" Cir.	✓	8" HEMP HARVISE						
									J.V.C.M.		"	2@100 FATH. 8" Cir.	✓	* WARPS.					
		Cir.					Cir.												
Iron Stream Chain - Steel Wire	120	4 3/4	144256	✓	<i>As approved</i>	120	4 3/4	6 X 24 STRANDS	✓	✓				2@100-8" ✓	PER. TABLE 53.				
														IN EACH CASE.					

ing Gear, Type (Power or hand) *Hydraulic Telemotor - Hyde Sundlass Co. Alternative Means of Steering Hyde Sundlass Hand Gear.*

ing Chains (Size and Test) *✓* Windlass *Hyde Sundlass Co. 12 x 14:* Boats *6: Steel: 2 with lead: motors:*

ing in Holds, thickness and material *✓* Cargo Battens, thickness, material and spacing *✓*

o Hatchways. (Upper Deck) *CIRCULAR. 6'0" x 48" x 3/8" HINGED. STEEL. COVERS:* Thickness of Hatches *✓*

of Hatchways No. 1 (Fwd.) *✓* No. 2 *✓* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

ber of Shifting Beams and/or Fore and Afters *✓*

Builder's Signature *John R. Jackson, N.Y.C. per John F. Rorie.*

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel *Yes*

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *✓* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This vessel has been built in accordance with the Rules, approved plans and official letters received: ✓

The workmanship is good throughout. ✓

All holes in O.T. and W.T. work, including Shell, Decks and Bulkheads, were punched 1/8" small and reamed out 1/32" larger than Rints. ✓

The vessel is intended to carry petroleum in bulk, the oil tanks, oil fuel tanks, coffindams, peak tanks, deep tanks and double bottom tanks have been tested according to the Rules and found satisfactory. ✓

The Chain Cables are Baldt Patent Di-Lok Stud Link and were tested to our requirements. ✓

The Vessel is fitted with a Direction finder and Echo Sounding device:

A. Steam Smothering system is fitted to all tanks ✓

Copy of Interim Certificate is attached: ✓

The amount of Entry Fee \$ 55.00	Fees applied for, 7 th Jan. 1938 per R.A.	(Special notations, where part of class, to be stated.)
Special Survey Fee.... \$ 3107.00	Received by me, 14. 4. 1938	I am of opinion the Vessel should be Classed <i>100 AI. "Carrying petroleum in bulk"</i>
Travelling Expenses, if any \$ 42.00		
NEW YORK EXP. \$ 100.00		
State whether the Vessel has been built under Special Survey <i>YES:</i>	Signature <i>J.V. Callaghan</i>	Surveyor to Lloyd's Register of Shipping.
Certificate to be sent to <i>N.Y.R.</i>	Date of issue <i>3/3/38</i>	

Committee's Minute *NEW YORK JAN 26 1938*

Character assigned *+100 AI*

Carrying Petroleum in bulk

+ LMC 12.37

Note. Longitudinal framing at bottom and deck in centre tanks *leave out*

Lloyds A & C.P. Equip Ltd dt

Oil Engine. CL. 2021

2 WTDB- 227 lb

1 WTDB (Exhaust gas fired) 227 lb

Lloyd's Register Foundation

011449-011460-0068

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

A. Copy of the Sketch showing additional compensation in way of Border recess; was attached to the 1st Entry Report on the Sister Ship. M.Y. "LOUISIANA." (YARD. N^o 163):
A similar arrangement was carried out in the instance, the workmanship of which is satisfactory: ✓

Copies of the appra plans 18 in all, are forwarded herewith:

"Midships Section: Rudder Post and Stem frame: Profile and Deck Plan. Rudder:
Upper Deck plating (3): Forecastle Deck plating. Poop. Deck. Plating: Bridge & K. Plating.
Lower Bottom plating. Shell plating (3) O.T. Transverse Bulkhead: Typical Midships Bulkhead
Center Tank Bulkhead: Longth Bulkhead:

Sister Vessels:— YARD. N^o 163: — "LOUISIANA." See Rept. N^o 7314. (Ph. V.)
YARD. N^o 164: — "FLORIDA" " " " 7376. (Ph. V.)

FORGING & CASTING: REPORTS:—
(attached herewith):

Upper and Lower & Middle Stem frame.
Rudder Post:
Rudder Trunk:
Upper & Lower Rudder Castings:

PARTICULARS OF ELECTRIC WELDING (if employed)

Engine Room. Double Bottom Tank Top plating. Seams & Butts flush welded: Centre girders, wing girders and floors welded to tank top.
Appra. Electrode and current electrodes used:

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Carrying Petroleum in Bulk. Longitudinal framing at Bottom, and Deck and in Centre Tanks.
Machinery aft.
Rudder Stem:

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	9125	J.V.C.M.	12934	18.10.37
2nd "	9125	"	12935	18.10.37.
3rd "	7800	"	12933:	18.10.37.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 110-8 ft., R.Q.D. ✓ ft., Bridge 38-8 ft., Forecastle 60-8 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. 236944. Signal Letters W.P.O.P. Extreme Breadth over Belting (Circ. 1611) ✓ Over-all Length 490'-6" (Circ. 1703)

No. and Material of Decks ONE. DK.—STEEL.

Parts of Bottom of Vessel coated with cement or approved composition Cement and Cement wash in Peak tanks and S.B. tanks ✓

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	24.5	141.4 ✓
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	18'-0	115.3 ✓
Double bottom, if under Engines only,	82'-0" ✓	276.9 ✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	✓	✓	Other tanks, if fitted,	✓	✓
Total length (if continuous) and Capacity	82'-0" ✓	276.9 ✓	(If necessary, furnish further information by sketch.)	✓	✓

Order for Special Survey No. 492

Date JAN. 5th 1937.

Dates of Surveys held while building

1937. FEB. 8. 9. MARCH: 18. 30. APRIL. 1. 14. 20. MAY. 4. 11. 20. 21. 24.

JUNE. 3. 4. 7. 8. 9. 10. 14. 15. 16. 17. 18. 21. 23. 29. 30.

JULY: 1. 2. 7. 8. 9. 19. 20. 22. AUG. 30. SEPT. 2. 8. 9. 16. OCT. 19. DEC. 21.

Total No. of Visits 42.