

Rpt. 1.

STEEL STEAMER or MOTORSHIP.

Received at London Office MAR 15 1940

State if Report has been sent on the Freeboard of the Vessel

No.

State if Report is sent on the Machinery of the Vessel

YES.

ARION

Date of completion of report

28th February 1940.

Port of

New York, EX

No.

39935

Survey held at

New York

Date First Survey

9th February 1940

Last Survey

10th February 1940.

On the

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

Steel Single Screw Steamer

"LOUISIANAN"

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Openings)

Full Scantling

State Type of Erections

Pop. Bridge + Forecasts.

TONNAGE under Tonnage Deck...

CLASS 100 A1 (Continued) State if with freeboard as condition of Class

No.

Built at

Seattle, Washington

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

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 410.46

Breadth (greatest moulded)

B 54.00

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 30.21

1st Longitudinal Number (L x D)

= 12403

2nd Numeral L x (B + D)

= 34566

Framing Depth "d," at middle of length. See Sec. 3 (1d)

18.5

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.58

Do. Long Bridge to top of keel

10.60

Draught Moulded

25'-0"

Launched

Built. 1919.

Yard No.

Builders

J. F. Duthie & Co.

Owners

American Hawaiian S. S. Co.

(see Report 8)

Managers

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

Residence

Port of Registry

New York

If surveyed while building, afloat, or in dry dock

Dry Dock.

REGISTERED DIMENSIONS.

FEET.

Length

410.4

Breadth

54.2

Depth

27.6

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
ES, Spacing amidships	27"		Bracket Floors, Frame		
" from $\frac{3}{4}$ length amidships to Collision bulkhead	27"		" " Reversed Frame		
" in peaks	24"		" " Vertical Struts		
AMIDSHIPS, Angle, [or]	10 x 3.8 x 3.8 x 30		Centre Girder, depth and thickness amidships		
" Extends up to	upper Deck		" " top Angles		
Reversed Frame Amidships, Angle			" " bottom Angles		
" Extends up to	10'		Side Girders, No. each side and thickness		
Depth of Framing Girder	10'		Margin Plate depth (excl. of flange) and thickness		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	10 x 3.8 x 3.8 x 30		" " Vertical Angle to Tank side		
" Second 'tween Decks, Angle, [or]	-		Bracket abaft $\frac{1}{4}$ len. from stem		
" Third " " " "	-		" " Vertical Angle to Tank side		
from $\frac{1}{4}$ len. for'd. to 15% len. from Stem			Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
in Peaks, Angle or [or]			Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
Number and Spacing of Rivets through Frame and Shell Plating amidships			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
State if Frame Joggled			Tank Side Brackets, height above base line at toe of Frame and thickness		
the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?			INNER BOTTOM PLATING.		
the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			Breadth and thickness of Middle Line Strake		
DOUBLE BOTTOM.			Thickness of remainder in Holds		
Frames, Depth and thickness at mid-line in Holds			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?		
Height of Brackets at side above base line at toe of frame			BEAMS.		
Middle Line Keelson, on Floors, Angles, [or]			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	7 x 3 1/2 x 3 1/2 x 18.6	
" " Through Plate or Intercoastal Plate			" " in way of Bridge, Angle, [or]		
" " Foundation Plate on Floors			Spacing	27"	
" " Flat Plate Keel Angles			Second Deck, amidships, Angle, [or]	7 x 3.3 x 3.3 x 15.6	
Keelsons, No. each side			Spacing	27"	
" thickness of Intercoastal Plate			Third Deck, amidships, Angle, [or]	54"	
" Angles			Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or]		
Frames, thickness and spacing			Spacing		
" Are Frame and Reversed Frame joggled?			Poop Deck, Angle, [or]	7 x 3.3 x 3.3 x 16.5	
Bracket Floors, breadth and thickness at middle line			Spacing	54" + 48"	
" breadth and thickness at margin plate			Bridge Deck, Angle, [or]	7 x 3.3 x 3.3 x 16.5	
			Spacing	27"	
			Forecastle Deck, Angle, [or]	7 x 3.3 x 3.3 x 16.5	
			Spacing	27" + 24"	

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

The following plans, obtained from the Owners, are forwarded:
Midship Section
Profile and Deck
Capacity Plan.

PARTICULARS OF ELECTRIC WELDING (if employed)

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

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

1st Bower
2nd "
3rd "

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

Official No. Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length (Circ. 1703)

No. and Material of Decks

Parts of Bottom of Vessel coated with cement or approved composition

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,	135	424	Fore peak tank,	23	14
Double bottom, under Engines and Boilers,	* 49.5	194.6	After peak tank,	26	34
Double bottom, if under Engines only,	-	-	Deep tank, aft,		
Double bottom, if under Boilers only,	-	-	Deep tank, forward,	29.25	74
Double bottom, forward,	175.5	638	Other tanks, if fitted, (Settling tanks)	6.75 (QE)	
Total length (if continuous) and Capacity	360.0	1256	(If necessary, furnish further information by sketch.) (See plans).		

* Length includes cofferdams.

Order for Special Survey No.

of Surveys
while building



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Foundation