

With or Without STEEL STEAMER.

WED. JUN. 24 1914.

Received at London Office

State if Report is also sent on the Machinery of the Vessel. Yes.

Date of completion of report 23 JUN. 1914

Port of SUNDERLAND

No. 26150

Survey held at SUNDERLAND

Date, First Survey 8-12-13

Last Survey 23-6-1914

On the (State if Single, Twin or Triple Screw)

Steel Single Screw Steamer "LADOGA"

Rig Schooner

TONNAGE under 1748.43

CLASS 100. A.1.

FEET.

Master A. W. Reid

Year of appointment

(1) As Master in service of owner of present vessel: 1907
(2) As Master of this vessel: 1914

Built at SUNDERLAND

When built 1914 Launched 23-5-14

By whom built Messrs S. P. Austin & Son Ltd

Owners W. Thompson & Co

Managers

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

Residence 28 Barnaby Street, LEITH.

Port belonging to LEITH

Destined Voyage LONDON

Surveyed while Building, Afloat, or in Dry Dock under Special Survey

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
274	6		39	9		Do. do. do. do. Second Dk. Beams	19	3	One

Dimensions of Ship per Register, Length 275.0 breadth 40.0 depth 19.38 Moulded depth, ft. 29 ins. 0 To Bridge Dk. Round of Upper 10 ins.
Moulded depth, ft. 21 ins. 6 To Upper Dk. Dk. Beam, Actual

FRAMING.				PILLARS.			
FRAME, Angles, or Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS, In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	8 1/2	3	48	" " Hold	2 1/2	47	2 1/2
Do. in way of Double Bottoms at Solid Floors	8 1/2	3	48	" " Quarter 'tween Dks.	2 1/2	47	2 1/2
" " at intermdt. Bkts.	8 1/2	3	48	" " in-Hold	2 1/2	47	2 1/2
Spacing of Frames from centre to centre amidships	23 1/2	✓	23 1/2	KEELSONS & STRINGERS.			
" " " " from 1/2 length to Collision bulkhead	23 1/2	✓	23 1/2	CENTRE LINE KEELSON, Vertical Plates			
" " " " in peaks	23 1/2	✓	23 1/2	" " Rider Plate			
REVERSED FRAME, Angles	3	3	34	" " Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors	3	3	34	" " Horizontal Plates on Floors			
" " at intermdt. Bkts.	3	3	34	" " Angles or Bulb Angles			
FRAMING, depth of girder	8 1/2	✓	8 1/2	SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	Cellular	✓	Cellular	" " Angles or Bulb Angles			
" " in way of Engine and Boiler Spaces	Bottom	✓	Bottom	" " Plate above floors, for length			
" " thickness at the ends of vessel				" " Intercoastal Plate, for length			
" " depth at 1/2 the half breadth, as per Rule				" " Attached to outside Plating with Angle			
" " height extended at the Bilges				BILGE KEELSONS, Angles			
FLOORS in Cell. Double Bottoms	34	✓	34	" " Intercoastal Plate for 100' 0" length	8	40	8
" " state if flanged (top & bottom)	10	✓	10	" " Attached to outside Plating with Angle	6	40	6
" " Spacing of Solid floors	47	✓	47	SIDE STRINGERS, Number			
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	36	✓	36	" " Angle			
" " Angles, Top	4 x 4 x 52	✓	4 x 4 x 52	" " Intercoastal Plate, for length			
" " Bottom	4	✓	4	" " Attached to outside plating with Angle			
" " to Floors	3	✓	3	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	47	54	47
" " Brackets at intermdt. frmg., width & thknss	24	✓	24	" " " " br'dth & thickness (in way of Bridge)	47	40	47
SIDE GIRDERS, number on each side & thickness	2 x 3 x 34	✓	2 x 3 x 34	" " " " Angle (clear of Bridge)	4 1/2 x 4 1/2	54	4 1/2 x 4 1/2
" " state if flanged (top and bottom)	No	✓	No	" " Tie Plate at sides of Hatchways	PLATING	INCREASED	
" " Angles (top and bottom)	3 x 3 x 34	✓	3 x 3 x 34	" " Deck * Iron or Steel, for lng.			
" " to Floors	3 x 3 x 34	✓	3 x 3 x 34	" " Thickness (clear of Bridge)	40	✓	35
MARGIN PLATE, depth (exclusive of flange) and thickness	27	✓	27	" " (in way of Bridge)	32	✓	32
" " Angle to Outside Plating	3 1/2	✓	3 1/2	" " Wood Deck. Material & thickness	NO WOOD	DECK LAMP	
" " Floors	3	✓	3	Second Deck Stringer Plate, br'dth & thickness			
" " Brackets at intermdt. frmg., width & thknss	21	✓	21	" " Angles on ditto, No.			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	✓	36	" " Tie Plates outside Hatchways			
" " in Engine and Boiler space	40	✓	40	" " Deck * Iron or Steel, for lng.			
" " Remainder in Holds	38	✓	38	" " Wood Deck. Material & thickness			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	✓	7 1/2	Third Deck Stringer Plate, br'dth & thickness			
" " In way of Long Bridge	6	✓	6	" " Angles on ditto, No.			
" " Spacing	23 1/2	✓	23 1/2	" " Tie Plates, outside Hatchways			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	✓	6 1/2	" " Deck * Material and thickness			
" " Spacing	23 1/2	✓	23 1/2	Fourth and Fifth Deck Stringer Plate, breadth & thickness			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	✓	8	" " Angles on ditto, No.			
" " Angles on upper edge	47	✓	47	" " Tie Plates outside Hatchways			
" " Spacing	23 1/2	✓	23 1/2	" " Deck Material & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	✓	5 1/2	Poop Deck Stringer Plate, breadth & thickness	26	30	26
" " Angles on upper edge	23 1/2	✓	23 1/2	" " Angle on ditto	3 x 3	30	3 x 3
" " Spacing	23 1/2	✓	23 1/2	" " Tie Plates			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	✓	6 1/2	" " Deck. Material and thickness	Steel	26	26
" " Angles on upper edge	23 1/2	✓	23 1/2	Bridge Deck Stringer Plate, br'dth & thickness	4 1/2	48	4 1/2
" " Spacing	23 1/2	✓	23 1/2	" " Angle on ditto	4 1/2 x 4 1/2	50	4 1/2 x 4 1/2
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	✓	8	" " Tie Plates			
" " Angles on upper edge	47	✓	47	" " Deck. Material and thickness	Steel	30	30
" " Spacing	23 1/2	✓	23 1/2	Forecastle Deck Stringer Plate, br'dth & th'kns	3 x 3	32	3 x 3
				" " Angle on ditto	3 x 3	32	3 x 3
				" " Tie Plates			
				" " Deck. Material and thickness	Steel 26	Steel 26	

M830-00902

WEB FRAMES.				FORGINGS or CASTINGS.				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches per Rule, Or as Approved.			
WEB FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness				1st Bower				2nd Bower			
No. of Side Stringers				STEM, moulding and thickness				3rd Bower				4th Bower			
WEB FRAMES, In E. & B. Space, No. and spacing				STERN-POST for Rudder do. do.				Collective weight				Stream			
No. of Side Stringers				for Propeller				Kedge							
WEB FRAMES, In After Body, No. and spacing				RUDDER—A x D Table 22. Speed											
No. of Side Stringers				Main-Piece, diameter at head											
BRACKET PLATES to Stringers between				" " " at heel											
Web Frames, depth and thickness															
BULKHEADS.				STIFFENERS.				RUDDER, how constructed				HAWKERS AND WARPS.			
Vessel				Horizontal				Thickness of Plates or Single Plate				Length and size supplied			
W.T. BULKHEADS				Vertical				Can the Rudder be unshipped afloat?				TOWLINE			
2 & 3rd				Size (Spacing)				Yes				HAWKERS AND WARPS			
4th				Size (Spacing)											
5th				Size (Spacing)											
6th				Size (Spacing)											
7th				Size (Spacing)											
8th				Size (Spacing)											
9th				Size (Spacing)											
10th				Size (Spacing)											
11th				Size (Spacing)											
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97th				Size (Spacing)											
98th				Size (Spacing)											
99th				Size (Spacing)											
100th				Size (Spacing)											

EQUIPMENT No. 17704				LETTER 7				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.				WEIGHT, EX. STOCK				TEST, PER CERTIFICATE				WEIGHT REQUIRED BY TABLE 31.			
16714				35 3 22				33 2 2 0				36 2 1 0			
16715				35 3 8				33 0 2 14				36 2 1 0			
16717				30 0 0				28 12 2 0				30 0 1 0			
16665				101 3 2				11 9 0 7				101 0 1 0			
16666				9 1 13 2				9 1 13 2				9 1 13 2			
16667				4 3 0 1				4 3 0 1				4 3 0 1			
CHAIN CABLES.				HAWKERS AND WARPS.											
Number of Certificate.				Length and size supplied				Description				Where and when tested, and Superintendent.			
43781				240 1 1/2 55 6 7 7 3				240 1 1/2 55 6 7 7 3				240 1 1/2 55 6 7 7 3			
Boats				2. 25'0" LINDSAY AND ONE 15'0" DUNN				Steering Gear, Steam				Steering Gear, Hand			
Pumps, Number				One 4 1/2 DUNN PUMP WITH 2 1/2 IN. DIA. AND ONE 1 1/2 IN. DIA.				State whether they are in efficient working order				Yes			
Windlass is				CLARK CHANNON "C"				Capstan							
Engine Room Skylights.—How constructed?				Of Steel				What arrangements for deadlights in bad weather?				Steel frame & glass			
Coal Bunker Openings.—How constructed?				Of Steel				How are lids secured?				Latched and bolted			
Number of Scuppers, and numbers and dimensions of				Freeing Ports, &c.				7 Scuppers, each 3 1/2 x 1 1/2 in. dia. and one 2 1/2 x 1 1/2 in. dia.							
Ceiling in Holds, thickness and material				2 1/2 in. Pine				Cargo Battens, thickness and material				6 1/2 in. Pine			
Cargo Hatchways.—How formed?				Of Steel, solid construction				Hatches, If strong and efficient?				Yes			
State size No. 1 Hatch (Forward)				19'6" x 18'0"				No. 2 Hatch				23'6" x 18'0"			
No. 3 Hatch				21'6" x 18'0"				No. 4 Hatch				21'6" x 18'0"			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch				Nos. 1-3 = 4 Ties each. No. 2, 4 Ties each. No. 4, 2 Ties each.											
Bulwarks, height above deck and description				4 1/2 x 30 Steel				No. of Breasthooks				Four = One			
The foregoing is a correct description				PAUL & SON LIMITED, Surveyor's Signature				Main Rail, material and size				6 1/2 in. Track's Beam			
Builder's Signature (here only)				J. A. Austin				Surveyor to Lloyd's Register of British and Foreign Shipping.							
Correspondence.—State dates and initials of letters respecting this case				(Reference should be made in any correspondence connected with the case)											
17-11-13. 17-11-13. 17-11-13. 17-11-13. 17-11-13. 17-11-13. 17-11-13. 17-11-13. 17-11-13. 17-11-13.															
Workmanship. Are the butts of plating planed or otherwise fitted?				Planed and overlapped.											
Is the riveted work properly closed?				Yes											
Are the liners between the frames and plates solid single pieces?				Yes				Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?				Yes			
Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces?				Yes				Do any rivets break into or through the seams or butts of the plating?				A few.			
Are the butts of Plating, Stringers, &c., properly shifted and strapped?				Yes											
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?				Yes				State results of tests				Satisfactory			
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?				Yes				State results of tests				Satisfactory			
General Remarks (State quality of workmanship, &c.)				This vessel has been built in accordance with the Harbours Plans the Secretary's Letters dated 10-11-13 and 10-11-13 in accordance with the Rules for the class contemplated.											
The materials and workmanship are good.															
The double bottom tanks are cemented in the engine and boiler spaces only.															
The Surveyor should state the Number of Report and Name of any Sister Vessel.				Plans to be forwarded with F.E. Report showing vessel as built.											
The amount of Entry Fee				£ 4 0 0				Fees applied for				18 6 1914			
Special Survey Fee				£ 70 9 0				Received by me				23 6 1914			
Travelling Expenses, if any				£											
State whether the Vessel has been built under Special Survey				Yes											
I am of opinion this Vessel should be Classed				100 A.I. "Spec" L.A. & P.											
With, or without Freeboard, as condition of Class				Without											
Committee's Minute				FRI. JUN. 26 1914											
Character assigned				100 A.I.											
Lloyd's and C.P. + L.M. 6.14															
W. J. W.															
Lloyd's Register															
W830															

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 24.0 ft., R.Q.D. ☒ ft., Bridge 74.5 ft., Forecastle 31.4 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book) One On Str.

Official No. 135098; Signal Letters ☒

State if Machinery is fitted aft No.

How are the surfaces preserved from oxidation? Inside Portland Cement and Paint Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Yes

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>86.16</u>	<u>180</u>	Fore peak tank,	<input checked="" type="checkbox"/>	<u>71</u>
Double bottom, under Engines and Boilers,	<u>35.25</u>	<u>96</u>	After peak tank,	<input checked="" type="checkbox"/>	<u>48</u>
Double bottom, if under Engines only,	<u>-</u>	<u>-</u>	Deep tank, aft,	<input checked="" type="checkbox"/>	<u>-</u>
Double bottom, if under Boilers only,	<u>-</u>	<u>-</u>	Deep tank, forward,	<input checked="" type="checkbox"/>	<u>-</u>
Double bottom, forward,	<u>105.75</u>	<u>288</u>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<u>-</u>
Total capacity of double bottom	<u>484</u>		(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules.

Yes

Order for Special Survey No. 5123

Date 13-11-13.

No. 273 in builder's yard.

DATES of Surveys held while building

1913 Dec. 8, 11, 16, 18, 19 Jan. 13, 15, 17, 20, 27, 29 Feb. 3, 4, 5, 9, 16, 18, 21, 24, 26, Mar. 3, 5, 10, 14, 17, 20, 25, 30, Apr. 1, 3, 6, 8, 17, 28, 30 May. 4, 6, 8, 9, 11, 12, 13, 14, 15, 19, 26, 30 Jun. 3, 4, 5, 9, 11, 13, 15, 16, 17, 18, 23

Total No. of Visits 60

Surveyor's Signature

J. P. Ashman

Lloyd's Register Foundation