

No. 13525

## Report of Survey for Repairs, &amp;c., of Engines and Boilers.

FRIDAY 15 MAR 1895

(Received at London Office)

Date of writing Report 18 When handed in at Local Office 18 Port of *Glasgow*  
 No. in Reg. Book. Survey held at *Glasgow & Green* Date, First Survey *15 Jan 95* Last Survey *8 March 1895*  
*401* on the Machinery of the *Wood, Iron or Steel* *S.S. "Northcote"* Master *J. Nesbitt*  
 Tonnage { Gross *959* Vessel built at *Wf. Miller* By whom *J. Lambuth & Son* When *1878* 4  
 Net *590* Engines made at *Sunderland* When *1878* Boilers, when made (Main) *1878* (Donkey) *1878*  
 Registered Horse Power *90* Owners *H. Lennart & Co.* Port *Glasgow* Voyage *Gibson*  
 No. of Main Boilers *1* No. of Donkey Boilers *1* Surveyed Afloat or in Dry Dock *River Clyde*  
 Steam Pressure in Main Boilers *45 lbs* in Donkey Boilers *60 lbs* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. *1343* Port *Middlesboro'*  
 Particulars of Examination and Repairs (if any) *Completion ZMC + 100 A 1*  
*11.94* *ZMC 6.91*  
*S.P.S.K. 203.12-76* *B.S. 12.95*  
*S.S. Dr. 201.91*

(Periodical Surveys, when held, must be reported in detail and verbatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Yes*

Do. " Donkey " " " *Yes*

If this was not done, state for what reasons?

And what parts of the Boilers could not be thus thoroughly examined?

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?

Did the Surveyor examine the Safety Valves of the Main Boiler?

At what pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted?

If the Survey is not complete state what arrangements have been made for its completion?

*Pistons, Cylinders, Valves, Pumps & etc. opened up, overhauled & examined & found in good order.*

*Main boiler opened up & examined & found in fair condition, the deflections in the furnaces do not appear to have altered since last surveyed. One stud renewed in stiffening angle on Centre furnace. Several tubes renewed. A new cast iron Column fitted to Starboard Safety Valve. Steam pipe to Donkey Boiler repaired.*

General Observations, Opinion, and Recommendation:— *The Machinery of this*  
 (State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 4.04, B.M.S. 4.04 or Z.L.M.C. 4.04, 140 lb, F.D., &c.)

*Vessel is now in good order & eligible in my opinion to remain as classed with the fresh notation of Z.M.C. 3.95*

Office or Registration Fee (per Sec. 27) £ : :  
 Survey Fee (per Section 28) £ *3 18* :  
 Special Damage Fee (per Section 28) £ : :  
 Travelling Expenses (if chargeable) £ : : *5* :  
 Fees applied for *13/3/95*  
 Received by me, *14/3/95*

\*State if Certificate is required

Committee's Minute *TUES 19 MAR 1895*

Assigned *ZMC 10.94*

*B.S. 3.95*

*Alfred Fidd*  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.



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GLS171-0320

No State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

\*Certificate to be sent to

16-LRPH-Form No. 9—Transfer Ink—5,000, 4/94.  
 (The Surveyors are requested not to write on or below the space for Committee's Minute.)

Insert Character of Ship, and Machinery precisely as in the Register Book.



on out of the yard

Our minor repairs were <sup>N.B. - If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to shew through to the other side.</sup> 13525 *SL*  
the main and dumber livery

It is submitted that  
this vessel is eligible for  
THE RECORD L.M.C. 10 94 and B.S. 3-95

*W.A.*  
15-3-95

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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