

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

(Received at London Office *MAR 1894*)
 Date of writing Report *15th Mar. 1894* When handed in at Local Office is *Port of Glasgow*
 No. in Reg. Book. *237* Survey held at *Glasgow* Date, First Survey *17th Sept. 1893* Last Survey *13th March 1894*
 on the Machinery of the *Wood, Iron or Steel* *Twin S.S. Islam.* Master *Willecoat*
 Tonnage { Gross *5402* Vessel built at *Belfast* By whom *Harland & Wolff* When *1892. 12*
 Net *3504* Engines made at *do* When Boilers, when made (Main) (Donkey)
 Registered Horse Power *505* Owners *J. & K. Henderson & Co* Port *Liverpool* Voyage *Bombay*
 No. of Main Boilers *4* *Surveyed Afloat or in Dry Dock* *Meadowside* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure in Main Boilers *200 lbs* in Donkey Boiler

Last Survey No. Port
 Particulars of Examination and Repairs (if any) *S.S. No 3.*

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned (if any) expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>100A1</i>	<i>12.92.</i>	<i>L.M.C. 12.92.</i>

(Periodical Surveys, when held, must be reported in detail and seriatim 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 " " " *none*
 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? *yes*
 At what pressure were they afterwards adjusted under steam? *203 lbs*
 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? *-*

In order to carry out large repairs to the hull of the vessel all parts of engines have been taken out and overhauled in the Shop and all parts examined, tunnel shafting removed and tried on lathes new brass liners fitted on tail shafts. Stem tubes taken out and posts re-bored. Shafting lined up and engines re-fitted on board.

The boilers have all been examined and found as good as new. They have also been tested under hydraulic pressure to 300 lbs and found tight.

All main steam pipes and chests tested under water pressure to 400 lbs -

The machinery after re-fitting has been tried under steam with satisfactory results. -

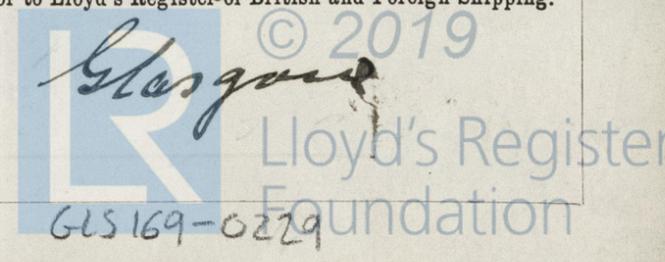
General Observations, Opinion, and Recommendation: - *This vessel's machinery is now in my opinion in a good & efficient working condition and eligible to be noted in the Society's Register: - L.M.C. 3.94. -*
(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey; thus, for example, B.S. 9,92, B.&M.S. 9,92 or L.M.C. 9,92, as the case may be.)

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ *5.10* : :
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 *State if Certificate is required *Yes*

Fees applied for *14/3/1894*
 Received by me, *16/3/1894*

J. M. Sanderson
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *TUES. 20 MAR 1894*
 Assigned *L.M.C. 3.94*



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.

1279096

It is submitted that
this vessel is eligible for
THE RECORD + L.M.C. 3-94

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 show through to the other side.

on acct of damage
a few moderate repairs
were effected to the
Machinery -
W.A.
19394



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REVISIONS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN