

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

(Received at London Office TUES. 26 MAR 1895)

Date of writing Report 18 \_\_\_\_\_ When handed in at Local Office 18 \_\_\_\_\_ Port of Glasgow

No. in Reg. Book. Survey held at Glasgow Date, First Survey 13<sup>th</sup> Feb<sup>y</sup> Last Survey 12<sup>th</sup> March 1895

1046 on the Machinery of the Warriston Steel S.S. Strathclyde Master McKenzie

Tonnage Gross 4142 Net 2648 Vessel built at Greenock By whom Mitchell & Co When 1894-5m

Registered Horse Power 350 Engines made at Port Glasgow When 1894 Boilers, when made (Main 1894 (Donkey) 1894)

No. of Main Boilers 3 Owners Burrell & Son Port Glasgow Voyage India

No. of Donkey Boilers 1

Steam Pressure in Main Boilers 140 lb Surveyed Afloat or in Dry Dock Both (State name of Dock.)

in Donkey Boilers 100

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER for Special Survey, Date of last Survey and of Periodical Surveys.	Year and Month when surveyed.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A.1. 5/94</u>	<u>5/94</u>	<u>L.M.C. 5/94</u>

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any)

(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 " " " 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? Yes

At what pressure were they afterwards adjusted under steam? \_\_\_\_\_

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes

To what pressure were they afterwards adjusted? \_\_\_\_\_

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

In consequence of several of the furnaces in the boilers of this vessel becoming distorted, out of shape, and the metal showing signs at places of tearing on inner or water side of the furnaces near to the strengthening ribs, the starboard furnace of Starboard Boiler has been replaced by a new one and the three furnaces in the Port Boiler replaced by new ones. One or two of the other furnaces slightly set down on the Crowns near to both end but not such as considered necessary to do anything to. On examination found these Boilers otherwise in good order.

On completion of the above repairs the Boilers were tested by Hydraulic pressure to 220 lbs per sq inch

General Observations, Opinion, and Recommendation:—

(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. 1,04, B.&M.S. 1,04 or L.M.C. 1,04, 140 lb., F.D., &c.)

These repairs have been satisfactorily carried out by Messrs Struthwood & Gordon the makers of the Boilers, and they are now in good working condition & eligible in our opinion (the vessel) to remain as classed

	£		Fees applied for
Office or Registration Fee (per Sec. 27)	18		18
Survey Fee (per Section 28)	18		
Special Damage Fee (per Section 38)			
Travelling Expenses (if chargeable)			

Received by me, James Morrison, C. Murdoch  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.  
Glyde District

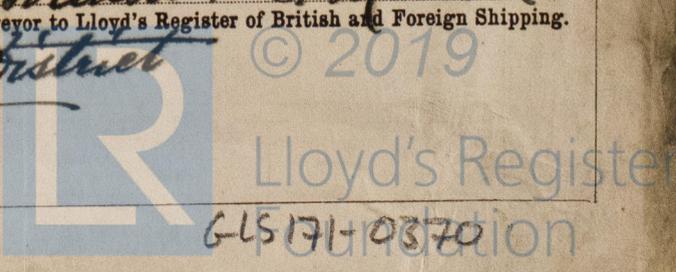
\*State if Certificate is required \_\_\_\_\_

Committee's Minute FRIDAY 29 MAR 1895

Assigned as now

State if a Report is also now sent on the ... or if not whether, and when, one will be sent.

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



in accordance with the  
instructions of the  
Department of the Interior  
and the Bureau of Land  
Management.

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.

*[Faint, illegible handwriting covering the main body of the page]*

135286

It is submitted that  
this vessel is eligible to  
remain as CLASSED.

APPRE

27-3-95

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

TO THE  
HONORABLE  
MEMBERS OF THE  
COMMISSIONERS OF THE  
LAND OFFICE  
IN  
LONDON



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Foundation