No. 13532

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. 1046 Survey held at Glasgow Date, First Survey 15th Feby Last Survey 12th March 1895 (No. of Visits .....)

on the Machinery of the ~~Wood, Iron or~~ Steel S.S. Strathtay Master McKenzie

Tonnage { Gross 4142 / Net 2648 } Vessel built at Greenock By whom Russell & Co When 1894 (Year) – 6m (Month)

Registered Horse Power 850 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 lbs in Donkey Boilers 100

If Surveyed Afloat or in Dry Dock Both (State name of Dock.)

Last Survey No. ..... Port .....

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.	Years Assigned and Period expired.	Machinery and Boiler Surveys (including date of N.B., if any).
100 A.1. 5/94		✠ L.M.C. 5/94

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?

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?

In consequence of several of the furnaces in the Boilers of this Vessel becoming distorted, out of shape, and the Metal shewing 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 back end but not such as considered necessary to do anything to, On examination found the vessel Boilers otherwise in good order.

On completion of the above repairs the Boilers were tested by Hydraulic pressure to 220 lbs per sqr 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. 4,94, B.&M.S. 4,94 or ✠L.M.C. 4,94, 140 lb., F.D., &c.)

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

Office or Registration Fee (per Sec. 27) £ : :

Survey Fee (per Section 28) £ : :

Special Damage Fee (per Section 28) £ : :

Travelling Expenses (if chargeable) £ : :

Fees applied for ..... 18.....

Received by me, ... 18.....

James Mollison & G. Murdoch.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
Clyde 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.

(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.

GLS171-0370

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.

Account of Survey on distorted Main Boiler Furnaces have been filled.

13552 gts

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

ARR

27-3-95

☞ THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.