

No. 56091

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

Date of writing Report 27th Dec^r 94 (Received at London Office 29 DEC 1)
When handed in at Local Office 18 Port of London
No. in Reg. Book 94 Survey held at Tilbury Date, First Survey Decr 10 Last Survey 23rd Dec, 1894
on the Machinery of the Wood, Iron or Steel Twin S.S. "Paris" & "City of Paris" (No. of Visits 1)
Tonnage Gross 10508 Net 6288 Vessel built at Glasgow By whom J. & G. Thomson When 1889 Boilers, when made (Main) 1889 (Donkey) 1889
Registered Horse Power 2000 Engines made at Do. Owners International Nav. Co. Port New York Voyage New York via Southampton
No. of Main Boilers nine No. of Donkey Boilers two Steam Pressure in Main Boilers 150 If Surveyed Afloat or in Dry Dock Tilbury dry dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

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

(Periodical Surveys, when held, must be reported in detail and serially 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. Aux Donkey " " " " " " No.
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? Not adjusted
Did the Surveyor examine the Safety Valves of Donkey Boiler? No.
To what pressure were they afterwards adjusted? Now adjusted to 150 lbs.
If the Survey is not complete state what arrangements have been made for its completion? To be completed at Southampton before departure of vessel.

Now done. The vessel placed in dry dock - all propeller & sea-connection fastenings examined & found in order. All propeller blades (Manganese Bronze) now renewed of a different pattern. All the plain tubes and a number of the stay tubes in eight of the Main boilers (the port boiler of the forward section excepted) now renewed and five of these boilers subsequently tested under hydraulic pressure of 225 lbs. pr. sq. in. & found satisfactory. The safety valves of the two auxiliary boilers adjusted under steam to 150 lbs. pr. sq. in. [Tubes renewed for purpose of cleaning the tube plates.]
To complete the survey - The centre and starboard boilers of the forward section and the starboard boiler of the middle section require to be tested under hydraulic pressure to 225 lbs. per sq. in.; all the safety valves of the nine main boilers require to be adjusted under steam, and the two auxiliary boilers and their safety valves require to be examined.

The Southampton surveyors have been notified of the above also the owners.
General Observations, Opinion, and Recommendation: - This vessel's boilers, so far as
(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.C.M.S. 4,94 or L.M.C. 4,94, 140 lb., F.D., &c.)
seen, are now in safe working condition and the vessel is eligible, in my opinion, to remain as classed with record of B.S. 12.94, deferred until completion of above

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 29/12/1894
Survey Fee (per Section 28) £ 3 : 0 : 0 A.K.D.
Special Damage Fee (per Section 28) £ : : Received by me, R. Elliott
Travelling Expenses (if chargeable) £ : : 1889
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required
Committee's Minute TUES. 1 JAN 1895
Assigned As now FRIDAY 11 JAN 1895

56091 Jan.

The grate surface of the nine Mm. Bros. = 1123 sq. ft.
" heating " " " " " " = 50265 sq. ft.
+ " grate surfe " " two Assoc. Bros. = 80 sq. ft.
Inoide diam. of stay tubes in Mm. Bros. $1\frac{1}{8}$ "
" " " plain " " " " $2\frac{3}{16}$ "

R. B.

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much cramped as to spread the ink, or cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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