

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

Date of writing Report 2<sup>nd</sup> Jan'y. 95 When handed in at Local Office Port of London (Received at London Office THURS. 5 JAN 1895)

No. in Reg. Book. 467 Survey held at London Date, First Survey 24<sup>th</sup> Oct'r. Last Survey 28<sup>th</sup> Dec. 1894

on the Machinery of the Wood, Iron or Steel S.S. "Port Pirie" Master D.E. Jamieson

Tonnage { Gross 3109 Net 2040 Vessel built at Newcastle By whom R. & W. Hawthorn, Leslie & Co. When 1886 YEAR. MONTH. 4

Registered Horse Power 450 Engines made at Do. Boilers, when made (Main) 1886 (Donkey) 1886

No. of Main Boilers Three Owners W. Milburn & Co. (Mngs.) Port London Voyage River Plate

No. of Donkey Boilers One Steam Pressure in Main Boilers 150 If Surveyed Afloat or in Dry Dock Victoria Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boilers 65 (State name of Dock.)

Last Survey No. 55496 Port London

Particulars of Examination and Repairs (if any) Complete S.S. No. 100A1

(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.)

CHARACTER: * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>*100A1</u> <u>Spark.</u> <u>10.93</u> <u>S.S. Lon. No. 91.</u>		<u>B.S. 10.93</u> <u>L.M.C. 9.90</u>

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

Do. " Donkey " " "

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? Complete.

The cylinders, pistons, slide valves, all pumps, condensers, main, thrust and tunnel shafting examined. Main & Donkey boilers examined internally & externally. Safety valves of boilers examined & adjusted to above pressures. H.P. piston valve chamber bored out and new packing rings fitted. Condenser tubes drawn, cleaned, replaced & new ferrules fitted. Bottom & back of combustion chamber of Donkey boiler renewed where thin also thirty seven water space stays. Sixty seven plain tubes of Main boilers renewed.

General Observations, Opinion, and Recommendation:— This vessel's machinery is now

(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. 1.94 or L.M.C. 1.94, 140 lb., &c.)

in safe working condition and eligible, in my opinion, to remain as  
classed with record of L.M.C. 12.94, entered in the Register Book.

Office or Registration Fee (per Sec. 27)..... £ : :  
Survey Fee (per Section 28)..... £ 5 : 10 : 0  
Special Damage Fee (per Section 28)..... £ : :  
Travelling Expenses (if chargeable)..... £ : :

Fees applied for  
3/11 1895 Last  
Received by me, 24/6 1895  
R. Elliott.

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

\*State if Certificate is required

Committee's Minute FRIDAY 4 JAN 1895

FRI 19 APR 1895

Assigned L.M.C. 12.94



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LON704-0130

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



On oath & I swear

A few moderate repairs were effected  
to the Machinery <sup>main</sup> & donkey boilers

It is submitted that  
this vessel is eligible for

THE RECORD + L.M.C. 12-94

D.B. pressure to be entered at

65 lbs W.A.

3-1-95

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.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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