

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

Date of writing Report 25<sup>th</sup> Oct. 1893 When handed in at Local Office 18 Port of London  
 No. in Reg. Book. 459 Survey held at London & Tilbury Date, First Survey 29<sup>th</sup> Sept. Last Survey 24<sup>th</sup> Oct. 1893  
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 When 1886 Boilers, when made (Main) 1886 (Donkey) 1886  
 Registered Horse Power 450 Engines made at Do. When 1886 Owners W. Milburn & Co. Port London Voyage Australia  
 No. of Main Boilers Three If Surveyed Afloat or in Dry Dock Tilbury wet & dry docks and Victoria Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 Steam Pressure in Main Boilers 150  
 in Donkey Boiler 65

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

Particulars of Examination and Repairs (if any) B.S. condition

Periodical Surveys, when held, must be reported in detail and scrutiny 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?

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 three Main Boilers and Donkey Boiler examined internally and externally. Safety valves of Main & Donkey Boilers examined and subsequently adjusted under steam to above pressures. In consequence of the patched condition and trouble of some of the forward furnaces (Fox's patent) the following three, viz. two forward ones in port boiler and port forward one in centre boiler, were renewed with plain steel furnaces  $5\frac{7}{8}$ " thick,  $34\frac{3}{4}$ " diam. at comb. chamber,  $36\frac{3}{8}$ " at furnace mouth and about 5ft 9ins between riveting. These two boilers were tested to 250 lbs. hydraulic pressure & found tight.

Vessel placed in dry dock; sea connections, propeller and its fastenings examined & found in good order.

General Observations, Opinion, and Recommendation:— The Boilers of this vessel are

(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.E.M.S. 9.92 or L.M.C. 9.92, as the case may be)

in safe working condition and the vessel eligible, in my opinion, to remain as classed and to have record of B.S. 10.93 entered in the Register Book.

Office or Registration Fee (per Sec. 27) £ : :  
 Survey Fee (per Section 28) £ 2 10 0  
 Special Damage Fee (per Section 28) £ : :  
 Travelling Expenses (if chargeable) £ : :

Fees applied for

27. 10. 1893

Received by me,

21/11/1893

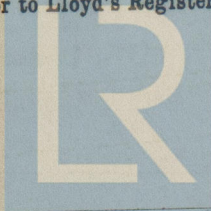
R. Elliott  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

\*State if Certificate is required

Committee's Minute

TUES. 31 OCT 1893

Assigned

B.S. 10.93Lloyd's Register  
Foundation

Lon 700 - 0230



It is submitted that  
this vessel is eligible for  
THE RECORD BS. 10. 93

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 account of wear & tear,  
the two forward furnaces in  
the port boiler, & the port-  
forward one in the  
centre boiler have been  
removed & plain furnaces  
put in their  
places—

Mt  
27/10/93—



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Foundation