No. 57858

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

(Received at London Office THURS. OCT 1893)

Date of writing Report 25th Oct. 18 93. When handed in at Local Office 18 Port of London

No. in Reg. Book. 459 Survey held at London & Tilbury Date, First Survey 29th Sept. Last Survey 24th Oct. 1893 (No. of Visits 10.)

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

Tonnage { Gross 3109 / Net 2040

Registered Horse Power 450

No. of Main Boilers Three

Steam Pressure— in Main Boilers 150 / in Donkey Boiler 65

Vessel built at Newcastle By whom R. & W. Hawthorn, Leslie & Co. When 1886 (YEAR. MONTH. 4)

Engines made at Do. When 1886 Boilers, when made (Main) 1886 (Donkey) 1886

Owners W. Milburn & Co. Port London Voyage Australia

If Surveyed Afloat or in Dry Dock (State name of Dock.) Tilbury web & dry dks. and Victoria dk.

Last Survey No. Port

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

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.

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 now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✠ 100 A1. Spardk. 6.93.		B.S. 8.92
S.S. Lon. W1-91.		✠ L.M.C. 9.90.

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

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? 140 lbs.

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

To what pressure were they afterwards adjusted? 65 lbs.

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 given by 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 5/8" thick, 34¾" diam. at combr. chamber, 36⅜" 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 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.

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

Office or Registration Fee (per Sec. 27)	£ : :	Fees applied for 27.10.1893
Survey Fee (per Section 28)	£2 10 0	
Special Damage Fee (per Section 28)	£ :	Received by me, 21/11/93
Travelling Expenses (if chargeable)	£ : :	

P.L.W. 21

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. 10.93.

(The Surveyors are requested not to write on or trench the space for Co.)

Lon 700 - 0230

It is submitted that
this vessel is eligible for
THE RECORD B.S. 10.9.3

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 & Polar furnaces fitted in their places—

MB
27/10/93—