

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

MON. 12 NOV 1894

(Received at London Office)

Date of writing Report *Nov 9<sup>th</sup> 1894* When handed in at Local Office *Nov 9<sup>th</sup> 1894* Port of *Aberdeen*  
No. in Reg. Book. *83* Survey held at *Aberdeen* Date, First Survey *Oct 26* Last Survey *Nov 8 1894*  
*on the Machinery of the Wood, Iron or Steel* *S.S. "Paradox"* Master *Johnston*  
Tonnage Gross *358* Net *226* Vessel built at *Glasgow* By whom *Simons & Co.* When *1857*  
Registered Horse Power *65* Engines made at *Hull* When *1871* Boilers, when made (Main) *1891* (Donkey) *1884*  
No. of Main Boilers *1* Owners *G. Tolmie & Son* Port *Aberdeen* Voyage *Coasting*  
No. of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *afloat (Victoria dk)* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
Steam Pressure in Main Boilers *70 lb* in Donkey Boilers *40 lb* (State name of Dock.)

Last Survey No. *4863* Port *Abn*

Particulars of Examination and Repairs (if any)  
(Periodical surveys, when held, must be reported in detail and serialim 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? *No*  
Do. " Donkey " " " *No*  
If this was not done, state for what reasons? *To be seen in the Spring*  
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? *No*  
At what pressure were they afterwards adjusted under steam? *✓*  
Did the Surveyor examine the Safety Valves of Donkey Boiler? *No*  
To what pressure were they afterwards adjusted? *✓*  
If the Survey is not complete state what arrangements have been made for its completion? *✓*

*Reboring cylinders, &c.*

*The cylinders of this vessel having been found somewhat oval, they have been rebored, and new pistons fitted. All the condenser tubes drawn, the condenser cleaned, and several leaky tubes renewed.*

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. 194, B.M.S. 194 or L.M.C. 194, 140 lb., F.D., &c.)

*The engines and boilers of this vessel so far as seen, are now in good working condition, and eligible in my opinion to remain as classed, without fresh record of survey.*

Office or Registration Fee (per Sec. 27) £ : : Fees applied for  
Survey Fee (per Section 28) £ : : 18  
Special Damage Fee (per Section 28) £ : :  
Travelling Expenses (if chargeable) £ : :  
Received by me, *E. L. Hindmarsh*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

\*State if Certificate is required.

Committee's Minute *TUES. 13 NOV 1894*

Assigned *As now*



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ABN 12.00'95

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

16-LRPB-Form No. 9-Transfer Ink-5,000, 4/4/94.  
(The Surveyor is requested not to write on or below the space for Committee's Minute.)



4872ABn

On Oct 21 1894  
The Cylo were returned

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

W.A.

12-11-94

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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