

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

Date of writing Report *May 22<sup>nd</sup> 1895* When handed in at Local Office *May 22<sup>nd</sup> 1895* Port of *Aberdeen*  
No. in Reg. Book. *18* Survey held at *Aberdeen* Date, First Survey *April 22<sup>nd</sup> 1895* Last Survey *May 17<sup>th</sup> 1895*  
on the Machinery of the *Wood, Iron or Steel* *S.S. Earl of Aberdeen* Master *A. J. Jones*  
Tonnage Gross *434* Net *326* Vessel built at *Aberdeen* By whom *H. Ball Russell & Co* When *1889* Boilers, when made (Main) *1889* (Donkey) *1889*  
Registered Horse Power *200* Engines made at *"* Owners *Aberdeen P. & S. Co. & H. Ball Russell* Port *Aberdeen* Voyage *Coast*  
No. of Main Boilers *2* No. of Donkey Boilers *one* If Surveyed Afloat or in Dry Dock *afloat*  
Steam Pressure in Main Boilers *160* in Donkey Boilers *80 lbs*  
Particulars of Classification (which must be inserted precisely as in Register Book & Supplement).

Last Survey No. *31614* Port *NWC* *Annual*  
Particulars of Examination and Repairs (if any) *B.S.*

(Periodical Surveys, when held, must be reported in detail and verbatim 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. " 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? *160 lbs per sq. inch*  
Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes*  
To what pressure were they afterwards adjusted? *80 lbs per sq. inch*  
If the Survey is not complete state what arrangements have been made for its completion? *Complete*

*The crank & thrust shafts examined & found in order -*  
*The main & donkey boilers examined together with*  
*their safety-valves & placed in order -*  
*On account of wear, a patch has been runned on each side*  
*of the centre combustion chambers of each main boiler -*  
*and 130 screwed stays have been runned in the*  
*combustion chamber backs - The main boilers tested to*  
*240 lbs per sq. inch by water pressure & found sound &*  
*tight - all safety-valves adjusted under steam as*  
*above -*

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. 1,01, B.M.S. 1,01 or S.L.M.C. 1,01, 1,02, F.D., &c.)  
*This vessel's machinery appears to be in good condition,*  
*eligible in my opinion to remain so classed,*  
*with the notation of B.S. 5-95 in the Reg. Book -*

Office or Registration Fee (per Sec. 27) £ : :  
Survey Fee (per Section 28) £ : :  
Special Damage Fee (per Section 28) £ : :  
Travelling Expenses (if chargeable) £ : :  
Fees applied for *May 22<sup>nd</sup> 1895*  
Received by me *May 22<sup>nd</sup> 1895*

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

\*State if Certificate is required  
Committee's Minute *FRI 24 MAY 1895*  
Assigned *B.S. 5-95*

Report is also sent on the Ship as & not otherwise, and when, one will be sent.

14-LRPH—Form No. 9—Transfer Ink—4,000, 22/9/94.  
(The Surveyors are requested not to write on or below the space for Committee's Minute.)



on account of Wear & Tear  
Several moderate repairs 4954 Abn  
affected to Main Boilers

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.

It is submitted that  
this vessel is eligible for  
THE RECORD. BS 5,95-

APR

23-5-95



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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.