

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

(Received at London Office)

FF 2 JUN 1893

Date of writing Report *1<sup>st</sup> June 1893* When handed in at Local Office *18* *Port of London*  
 No. in Reg. Book. *130* Survey held at *London* Date, First Survey *26<sup>th</sup> May 1893* Last Survey *26<sup>th</sup> May 1893*  
*on the Machinery of the Wood, Iron or Steel* *S.S. "Hawarden Castle"* Master *R. Duncan*  
 Tonnage { Gross *4380* Vessel built at *Glasgow* By whom *J. Elder & Co.* When *1883* 1.  
 Net *2556* Engines made at *Fairfield, Glasgow* Boilers, when made (Main) *1891* (Donkey) *1891*  
 Registered Horse Power *850* Owners *D. Currie & Co.* Port *London* Voyage *Cape*  
 No. of Main Boilers *Three* If Surveyed Afloat or in Dry Dock *James I. Wks. dry dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 Steam Pressure in Main Boilers *160*  
 in Donkey Boiler *80*

Last Survey No. *Port*Particulars of Examination and Repairs (if any) *Condition*

(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?

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.*  
*Vessel placed in dry dock - sea-connections, propeller & fastenings examined & found in good order.*

General Observations, Opinion, and Recommendation: *The machinery of this vessel,*

(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.S. 9, 92 or L.M.C. 9, 92, as the case may be.)

*so far as seen, is in safe working condition, eligible, in my opinion, to remain as classed without fresh record of survey.*

Office or Registration Fee (per Sec. 27) £ :  
 Survey Fee (per Section 28) £ :  
 Special Damage Fee (per Section 28) £ :  
 Travelling Expenses (if chargeable) £ :  
 \*State if Certificate is required

Fees applied for

18

Received by me,

18

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

Committee's Minute *TUES. 6 JUN 1893*Assigned *As now*

Lloyd's Register  
 Foundation

LON699-0062.1