

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

(Received at London Office)

Date of writing Report *10th March 93* When handed in at Local Office *18* Port of *London*

No. in Reg. Book. *130* Survey held at *London* Date, First Survey *and* Last Survey *10th March 1893*

*on the Machinery of the Wood, Iron or Steel* *S. S. "Hawarden Castle"* Master *R. Duncan*

Tonnage { Gross *4380* Net *2556* Vessel built at *Glasgow* By whom *J. Elder & Co* When *1883* Boilers, when made (Main) *1891* (Donkey) *-*

Registered Horse Power *850* Engines made at *Glasgow* Owners *D. Currie & Co* Port *London* Voyage *Cape*

No. of Main Boilers *3* Steam Pressure in Main Boilers *160* If Surveyed Afloat or in Dry Dock *Thames & Drydock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boiler *80*

Last Survey No. *100 A 1.* Port *10.92.* Condition *S.S. 96 N° 3-7.91*

Particulars of Examination and Repairs (if any) *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.)

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? *Not due for survey.*

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? *No.*

Did the Surveyor examine the Safety Valves of the Main Boiler? *No.*

At what pressure were they afterwards adjusted under steam? *Not adjusted at this time*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *No.*

To what pressure were they afterwards adjusted? *Not adjusted at this time.*

If the Survey is not complete state what arrangements have been made for its completion? *Complete.*

*All sea-connections and propeller examined while vessel was in dry dock. Four new Manganese Bronze propeller blades fitted in place of old ones removed.*

General Observations, Opinion, and Recommendation:— *This vessels machinery, so far as seen, is in good working condition and eligible, in my opinion, to remain as classed without fresh record of survey.*

(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.)

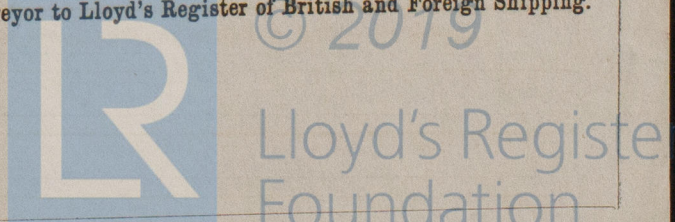
Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for 18 Received by me, 18
Survey Fee (per Section 28).....	£	:	:	
Special Damage Fee (per Section 28).....	£	:	:	
Travelling Expenses (if chargeable).....	£	:	:	

\*State if Certificate is required.....

Committee's Minute *TUES. 14 MAR 1893*

Assigned *As now*

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



LON 698-0257



*It is submitted that this vessel is eligible to remain AS CLASSIFIED.*

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.

An account of iron &  
steel & new manganese  
bronze wireless blades  
piled —

13. 3. 93 -

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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.