

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*

130 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* in Donkey Boiler *80* If Surveyed Afloat or in Dry Dock *Thames & Co dry dock*

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. _____ Port _____

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.)

CHARACTER * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned how long expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>100 A 1.</i> <i>10.92.</i> <i>S.S. 96 No 3-7.91</i>		<i>N.B. 7.91.</i> <i>L.M.C. 7.91.</i>

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 vessel's 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.)

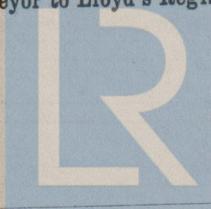
Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for
Survey Fee (per Section 28).....	£ : :	
Special Damage Fee (per Section 28).....	£ : :	
Travelling Expenses (if chargeable).....	£ : :	
		Received by me,
		<i>18</i>

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

*State if Certificate is required _____

Committee's Minute *TUES. 14 MAR 1893*

Assigned *As now*



Lloyd's Register Foundation

WON 698-0257

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
14-LRPE-Form No. 9-Transfer Ink-10,000, 30/1/93.
(The Surveyors are requested not to write on or below the space for Committee's Minute.)

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

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

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.

In account of wear &
tear 4 new manganese
bronze propeller blades
fitted —

Nov 13. 3. 93 -

GENERAL CONDITION OF THE VESSEL		GENERAL CONDITION OF THE MACHINERY		GENERAL CONDITION OF THE APPURTENANCES	
Particulars	Remarks	Particulars	Remarks	Particulars	Remarks
Keel	Keel sound & strong	Engines	Engines sound & strong	Boiler	Boiler sound & strong
Frames	Frames sound & strong	Propellers	Propellers sound & strong	Water-tight	Water-tight
Deck	Deck sound & strong	Shafts	Shafts sound & strong	Stowage	Stowage
Superstructure	Superstructure sound & strong	Wheels	Wheels sound & strong	Accommodation	Accommodation
Bottom	Bottom sound & strong	Clutch	Clutch sound & strong	Galley	Galley
Plating	Plating sound & strong	Brakes	Brakes sound & strong	Water	Water
Paint	Paint sound & strong	Belts	Belts sound & strong	Oil	Oil
Ironwork	Ironwork sound & strong	Wires	Wires sound & strong	Provisions	Provisions
Stowage	Stowage	Tools	Tools	Stores	Stores
Accommodation	Accommodation	Books	Books	Medical	Medical
Galley	Galley	Charts	Charts	Compass	Compass
Water	Water	Log	Log	Log	Log
Oil	Oil	Log	Log	Log	Log
Provisions	Provisions	Log	Log	Log	Log
Stores	Stores	Log	Log	Log	Log
Medical	Medical	Log	Log	Log	Log
Compass	Compass	Log	Log	Log	Log
Log	Log	Log	Log	Log	Log

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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