

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

(Received at London Office SAT. 10 FEB. 1917)

Date of writing Report 9 - FEB 1917 When handed in at Local Office 9 - FEB 1917 19 Port of Bristol

No. in Survey held at Avonmouth Date, First Survey Jan. 20. Last Survey Jan 23 1916

Reg. Book. 24 Sup on the Machinery of the Wood, Iron or Steel Twin S.S. Tolia Master Inch

Gross 6705 Vessel built at Sunderland By whom Sir J Laing & Sons Ltd When 1904.6

Net 4211 Engines made at " By whom G Clarke Ltd When 1904.6

Registered Horse Power 849.804 Boilers, when made (Main) 1904 (Donkey) 1904

No. of Main Boilers 4 Owners Cunard S.S. Co Ltd Port London Voyage

No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock 311

Team Pressure in Main Boilers 180 (State name of Dock.)

in Donkey Boilers 110

Last Report No. Port

Particulars of Examination and Repairs (if any) *See the Tail Shaft*

Periodical Surveys, when held, must be reported in detail and serially 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.		Year Assigned how expired.	Machinery and Boiler Surveys (including date of N.B., if any).
for Special Survey.	Date of last Survey and of Periodical Surveys.		
<i>1000 H. 1-12.</i>			<i>See the Tail Shaft</i>
<i>35 Gen. No. 11.</i>			<i>T.S. 4.15</i>
<i>Shelter + dk with fbd</i>			<i>B.S. 4.16</i>

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined?

Was a damage report made by anyone else? If so, by whom?

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? To 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 under steam?

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? , and of the Donkey Boiler?

Did the Surveyor examine the drain plugs of the Main Boilers? , and of the Donkey Boiler?

Did the Surveyor examine all the mountings of the Main Boilers? , and of the Donkey Boiler?

Has screw shaft now been drawn and examined? *Yes* *See the* Is it fitted with continuous liner? *Yes* or two liners? or is it without liners?

Has shaft now been changed? *Star* *Yes* If so, state reasons *Old shaft bad fit in boss*

Has the shaft now fitted new? *Yes* Has it a continuous liner? *Yes* or two liners? or is it without liners?

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? *Both good fit*

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? *Complete*

Vessel placed in dry dock. Both shafts examined & found in order except star shaft was bad fit in boss. A new shaft has been fitted on star side & the old propeller shaft tried in latter refitted to boss & placed on board as spare. New stern bush fitted Port side (old one fractured). Two new propeller blades fitted.

General Observations, Opinion, and Recommendation:— *This vessels machinery as far as seen is in safe working condition & eligible in my opinion for record T.T. shaft examined 1-17 Star tail shaft run 1-17*

Survey Fee (per Section 25).....	£ : : 19	Fees applied for
Special Damage or Repair Fee (if any).....	£ : : 19	Received by me,
Travelling Expenses (if chargeable).....	£ : : 19	

Committee's Minute

Assigned *as above*

*E. D. Huxley Toyn*

Engineer Surveyor to Lloyd's Register of Shipping.



Machinery examined, Starb<sup>d</sup> screw  
shaft & 2 blades of propeller  
renewed.

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

Port S. 1. 17.  
Starb<sup>d</sup> NS 1. 17.

JWD  
16/4/17

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