

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

(Received at London Office TUES. FEB 26 1907)

Date of writing Report *20th Feb 1907* When handed in at Local Office *20th Feb 1907* Port of *Greenock*

No. in Reg. Book. Survey held at *Greenock* Date, First Survey *18th Feb 1907* Last Survey *19th Feb 1907* (No. of Visits *2*)
on the Machinery of the Wood, Iron or Steel *Es Lord Septon* Master *Seaman* YEAR. MONTH.

Tonnage { Gross Vessel built at *Dumbarton* By whom *Am Millar & Son* When *1907*
Net Engines made at *Greenock* By whom *Rankin & Blackmore* When *1907*

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

No. of Main Boilers *2* Owners Port *Liverpool* Voyage *Antwerp*

No. of Donkey Boilers *2* Steam Pressure in Main Boilers *150 lb* If Surveyed Afloat or in Dry Dock (State name of Dock.)
in Donkey Boilers *100 lb*

Last Survey No. Port

Particulars of Examination and Repairs (if any) *Damage to Piston Rod, not yet classed*

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.

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? also whether any damage report was made, and, 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 the screw shaft been drawn and examined at this time? If spare screw shaft fitted, state whether new?

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

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

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

Has shaft now been changed? If so, state reasons

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

On completion of the trials of the Machinery the vessel proceeded on her voyage, and had not got clear of the berth when the high pressure piston Rod became hot. While in this condition it fused and broke the stern bush. The vessel then put back to the side of the Bank; and on being tested the Piston Rod was found bent. It was taken ashore and on being straightened a slight fracture was discovered. It was recommended that a new piston Rod be supplied and fitted and this has now been done.

General Observations, Opinion, and Recommendation:—

The heating of the Piston Rod is stated to be due to the use of inferior oil as a lubricant. This report is forwarded for the information of the Committee.

Office or Registration Fee (per Sec. 27)	£	:	:	Fees applied for 19 Received by me, 19
Survey Fee (per Section 28)	£	:	:	
Special Damage or Repair Fee (if any) (per Section 28)	£	:	:	
Traveling Expenses (if chargeable)	£	:	:	

Wm R. Austin
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required

Committee's Minute *Glasgow 25 FEB 1907*
Assigned *for the Committee's information*

W613-0158

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

*Certificate to be sent to



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 to cause it to show through to the other side.

RS
27.2.07

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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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