

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

(Received at London Office)

SAT. 2

DEC 1899

Date of writing Report *Nov 30th 1899* When handed in at Local Office *1899* Port of *Glasgow*

No. in Reg. Book *859* Survey held at *Glasgow* Date, First Survey *24 Nov* Last Survey *28 Nov 1899*

on the Machinery of the *Wood, Iron or Steel* *S.S. CLAN MACINTOSH* Master *W H Reid*

Tonnage { Gross *4053* Net *2573* Vessel built at *Grunock* By whom *Scott & Co* When *1883 6*

Registered Horse Power *528* Engines made at *Barrow (Tpd)* When *1892* Boilers, when made (Main) *1892* (Donkey) *1892*

No. of Main Boilers *2* Owners *Cayzer Irvine & Co* Port *Glasgow* Voyage *African Port*

No. of Donkey Boilers *1* If Surveyed Afloat *In Dry Dock* *Liverpool* OR *2*

Steam Pressure in Main Boilers *160* (State name of Dock.) *Liverpool Dry Dock*

in Donkey Boilers *100*

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

CHARACTER * for Special Survey, Date of last Survey and of Periodical Surveys.	Years Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
* 100 A1		* L M C
7.99		2.97
11.92		* NB 11.92
		BS 11.98

Last Survey No. *Port*Particulars of Examination and Repairs (if any) *B.S. & Docking*

(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.)

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?

165 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted under steam?

103 lbs

Has the propeller shaft been drawn and examined at this time?

If spare propeller shaft fitted, state whether new?

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

3/16 full

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

Complete

The main boilers have been examined inside & outside. There is considerable corrosion about the back water plates & the combustion chamber plates on the water side & the saddle plate corners in the four centre combustion chambers have been leaking a good deal but these defects do not in my opinion affect the present efficiency of the boilers.

The Donkey Boiler has been examined & found in good order.

The M B & D B Safety Valves have been examined & afterwards adjusted to the above stated pressures.

The propeller, end of stern bush & fastenings of propeller & sea connections have been examined & found in good order.

General Observations, Opinion, and Recommendation:— The machinery of this

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9.97, H.S. 9.97 or L.M.C. 9.97, 140 lb., F.D., &c.)

vessel, so far as seen, is in good order & in my opinion eligible to remain as classed & to have record *B.S. 11.99*

Office or Registration Fee (per Sec. 27)..... £
Survey Fee (per Section 28)..... £
Special Damage Fee (per Section 28)..... £
Travelling Expenses (if chargeable)..... £

Fees applied for

11.12.1899

21.12.99

Received by me,

20/12/1899

H Gardner Smith
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

State if Certificate is required

Committee's Minute *TUES 5 DEC 1899*Assigned *BS 11.99*

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It is submitted that
this vessel is eligible for
THE RECORD, B.S. 1199.

C.M.
2/1/99

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation