

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

(Received at London Office **FBI. SEP 15 1899**)

Date of writing Report 13th Sept 1899 When handed in at Local Office 15th Sept 1899 Port of Glasgow
No. in Reg. Book. Survey held at Glasgow Date, First Survey Sept 6 Last Survey Sept 8 1899
878 on the Machinery of the ~~Wood, Iron or Steel~~ S.S. Clan Ross Master D. Dickson (No. of Visits 3)
Tonnage { Gross 2662 Net 1654 Vessel built at Barrow By whom Naval Constrn Co Ltd When 1894 7
Registered Horse Power 317 Engines made at Barrow When 1894 Boilers, when made (Main) 1894 (Donkey) 1894
No. of Main Boilers 2 Owners Cairnes, Irvine & Co Port Glasgow Voyage South African Ports
No. of Donkey Boilers 1
Steam Pressure— If Surveyed Afloat or in Dry Dock Dry Dock Particulars of Classification (which must be inserted
in Main Boilers 200 (State name of Dock.) Govan precisely as in Register Book & Supplements.)
in Donkey Boilers 100

Last Survey No. *Port*

Particulars of Examination and Repairs (if any) Locking

(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.

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

| CHARACTER. | Year Assigned | now expired. | Machinery and Boiler Surveys (including date of N.B., if any). |
|---|---------------|--------------|---|
| <p>☞ for Special Survey. Date of last Survey and of Periodical Surveys.</p> | | | |
| <p>☞ 100 A 14.99 S Gb m 1.98</p> | | | <p>☞ L M C. 8.98</p> |

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Yes*

| | | | | | | | |
|-----|---|--------|---|---|---|---|---|
| Do. | " | Donkey | " | " | " | " | " |
|-----|---|--------|---|---|---|---|---|

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 ?

Did the Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they set?

Did the Surveyor examine the Safety Valves of Donkey Boiler? To what pressure were they set?

Has the propeller shaft been drawn and examined at this time? Yes If spare propeller shaft fitted, state whether

State the distance between lignum vitæ of stern bush and top of after bearing of screw shaft? *Pew lower*

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

When this vessel was in dry dock, the propeller, stern tube, propeller shaft and the sea cock fastenings were examined and found in good condition.

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

(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. 997, B.&M.S. 997 or L.M.C. 997, 140 lb., F.D., &c.)

so far as seen is in good condition and is eligible in my opinion to remain as classed in register book.

| | | | | |
|---|---|---|---|-----------------|
| Office or Registration Fee (per Sec. 27)..... | £ | : | : | Fee applied for |
| Survey Fee (per Section 28)..... | £ | : | : | 10 |
| Special Damage Fee (per Section 28)..... | £ | : | : | |
| Travelling Expenses (if chargeable)..... | £ | : | : | Received by me, |

George Hurdoch.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required

Committee's Minute

Assigned

Lloyd's Register
Foundation

Screw shaft examined Stern
rudder

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.

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

W.M.D.
15/4/98.



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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.