

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

(Received at London Office

SAT. 18 MAR 1899

Date of writing Report *16 March 1899* When handed in at Local Office *16 March 1899* Port of *Glasgow*
 No. in Reg. Book *1180* Survey held at *Bowling* Date, First Survey *1 March* Last Survey *8 March 1899*
on the Machinery of the Wood, Iron or Steel *% Cornelian* Master *M. Barlane*
 Tonnage { Gross *408* Net *129* Vessel built at *Bowling* By whom *Scott & Co* When *1890-03*
 Registered Horse Power *60* Engines made at *Glasgow* When *1890* Boilers, when made (Main) *1890* (Donkey) *1890*
 No. of Main Boilers *1* Owners *H. Robertson* Port *Glasgow* Voyage
 No. of Donkey Boilers *1* Surveyed *Afloat* or in Dry Dock *Scott's Slipway* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure in Main Boilers *160 lbs* in Donkey Boilers *70 lbs*

Last Survey No. Port

Particulars of Examination and Repairs (if any) *E.S. 1102*

(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? *Yes.*Do. " Donkey " " " *Yes.*

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? *Yes.*To what pressure were they afterwards adjusted under steam? *165 lbs*Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes.*To what pressure were they afterwards adjusted under steam? *65 lbs.*Has the propeller shaft been drawn and examined at this time? *Yes.*If spare propeller shaft fitted, state whether new? *New shaft now fitted*State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? *Stern Bush wood renewed.*

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

Main Engines:- Pistons, cylinders, Slides, Air Circulating, Feed & Bilge pumps, Condenser, Crank & Thrust shafts and all sea connections overhauled and examined and found in good condition. The propeller shaft was found badly wasted at the fore end of the after liner. A new shaft has now been fitted.

Main Boiler:- Shell Tubes, Stays Furnaces and Combustion Chambers examined throughout and found in fair condition.

Donkey Boiler:- In fair condition throughout.

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. 9,97, E.&M.S. 9,97 or L.M.C. 9,97, 140 lb., F.D., &c.)

As far as seen, is now in good and efficient condition and eligible in my opinion to have the record of + L.M.C. 3,99 marked in the Society's Register Book

Office or Registration Fee (per Sec. 27)..... £

Fees applied for

Survey Fee per Section 28)..... £ *3 19 -**17/3 18 99*Special Damage Fee (per Section 28)..... £ *3 3 -*

Received by me

Travelling Expenses (if chargeable)..... £

30/3/99

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

State if Certificate is required

Committee's Minute

TUES. 21 MAR 1899

Assigned

+ L.M.C. 3,99

Lloyd's Register
Foundation
GLS183-0231

Main and donkey boiler examined
 Engines examined
 Screw shaft examined, found
 water and a new shaft now fitted.
 It is submitted that
 this vessel is eligible for
 THE RECORD. * LMB. 3.99

ACM

20.3.99



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