

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

(Received at London Office)

THUR, 3 FEB 1898

Date of writing Report *13th Jan^y 1898* When handed in at Local Office *18* Port of *Glasgow*
 No. in Reg. Book. *624* Survey held at *Glasgow* Date, First Survey *23rd July 97* Last Survey *11th Jan^y 1898*
 on the Machinery of the *Wood, Iron or Steel* *S.S. Angelo* Master *W. Donald*
 Tonnage { Gross *98* Vessel built at *Glasgow* By whom *Mackie & Thomson* When *1894* YEAR. MONTH.
 { Net *45* Engines made at *Glasgow* When *1894* Boilers, when made (Main) *1894* (Donkey) *✓*
 Registered Horse Power *14* Owners *D. Rauran, Jun^r* Port *Glasgow* Voyage *Coasting*
 No. of Main Boilers *One* No. of Donkey Boilers *None* *✓* Surveyed *Afloat or in Dry Dock* *McKnight's Slip* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure in Main Boilers *100 lb.* in Donkey Boilers *✓* (State name of Dock.)

Last Survey No. *Port* *Damage*

Particulars of Examination and Repairs (if any)

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.

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? *✓*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*At what pressure were they afterwards adjusted under steam? *105 lbs*Did the Surveyor examine the Safety Valves of Donkey Boiler? *✓*To what pressure were they afterwards adjusted? *✓*Has the propeller shaft been drawn and examined at this time? *Yes*If ~~space~~ propeller shaft fitted, state whether new? *New*If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? *✓**Damage stated to have occurred by grounding*

On examination found the propeller blades broken at the root; the propeller shaft flawed in the body, especially at the outside edge of the after flange, and the funnel then in way of the blades.
 Recommend that a new propeller (cast iron, solid) and a new propeller shaft, and a new funnel be fitted; that the engines and boiler be examined, and the boiler tested by hydraulic to 150 lbs. All ex-cocks to be overhauled.

The above recommendations have been satisfactorily carried out.

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. 9,95, B.&M.S. 9,95 or L.M.C. 9,95, 140 lb., F.D., &c.)

in my opinion, is in safe working condition, and eligible to have record
+ L.M.C. 1-98 in the Register Book.

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ : :
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ 1 : 4 : 10

Fees applied for

29-1-1898

8/10

4/2-1898

Received by me,

4-2-1898

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

*State if Certificate is required

Committee's Minute *FRI, 4 FEB 1898*Assigned *+ L.M.C. 1-98*

Screw shaft found flawed & propeller blades
broken. (due to damage) screw shaft & propeller
renewed & new funnel fitted

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 cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

It is submitted that
this vessel is eligible for
THE RECORD.

+ L.H.B. 198

LH
3/2/98

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

It is submitted that this vessel is eligible for the RECORD.



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