

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

(Received at London Office)

THUR, 3 FEB 1898

Date of writing Report 13<sup>th</sup> Jan 98 When handed in at Local Office 18 is Port of Glasgow

No. in Reg. Book 624 Survey held at Glasgow Date, First Survey 23<sup>rd</sup> July 97 Last Survey 11<sup>th</sup> Jan 1898

624 on the Machinery of the Wood, Iron or Steel S.S. Angelo Master W. Donald

Tonnage { Gross 97 Net 45 Vessel built at Glasgow By whom Mackie & Thomson When 1894-1

Registered Horse Power 17 Engines made at Glasgow When 1894 Boilers, when made (Main) 1894 (Donkey)

No. of Main Boilers one Owners D. Rowan, Jun<sup>r</sup> Port Glasgow Voyage Coasting

No. of Donkey Boilers one Steam Pressure in Main Boilers 100 lbs  Surveyed Afloat or in Dry Dock McKnight's Slip Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boilers  (State name of Dock.)

CHARACTER for Special Survey. Date of last Survey and of Periodical Surveys.	Year Assigned now required.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+ A1</u>	<u>1897</u>	<u>+ L.M.C</u>
<u>S.S. Angelo No 1-97</u>		<u>A 97</u>

Last Survey No. Damage Port Glasgow

Particulars of Examination and Repairs (if any)

(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 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 ~~is 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 thin in way of the bands.

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 sea-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.

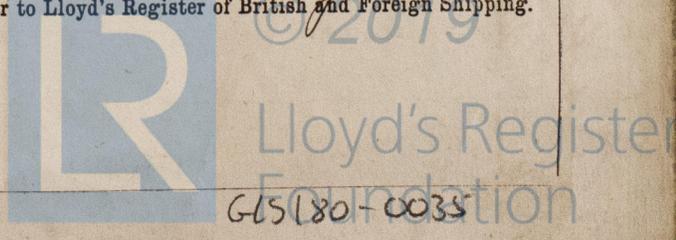
Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for
Survey Fee (per Section 28).....	£ : :	<u>29-1-1898</u>
Special Damage Fee (per Section 28).....	£ : :	<u>not</u>
Travelling Expenses (if chargeable).....	£ 1 : 4 : 10	<u>5-2-98</u>
		Received by me,
		<u>4-2-1898</u>

R. J. Macmillan  
 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



The Surveyors are requested not to write on the back of the Report for Committee's Minute.

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

\*Certificate to be sent to

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.C. 198

LH  
3/2/98

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



© 2019

Lloyd's Register Foundation