

No. 114410

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

SAT. MAY 16 1896

(Received at London Office)

Date of writing Report 14th May 1896 When handed in at Local Office 14th May 1896 Port of Glasgow

No. in Reg. Book. Survey held at Glasgow Date, First Survey 8th May Last Survey 13th May 1896

537

on the Machinery of the Wood, Iron or Steel S.S. Borghese Master J. Tierney

Tonnage { Gross 2044 Net 1331 Vessel built at Sunderland By whom D. Pile & Co When 1870

Registered Horse Power 230 Engines made at Glasgow When 1872 Boilers, when made (Main) 1882 (Donkey) 1886

No. of Main Boilers 2 Owners Raeburn & Beir Port Glasgow Voyage Alicona - Venice

No. of Donkey Boilers 1 Steam Pressure in Main Boilers 80 If Surveyed Afloat or in Dry Dock Afloat Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. 14273 Port Gls Particulars of Examination and Repairs (if any) Special

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned how expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1</u>		<u>L.M.C. 4-91</u>
<u>8-94</u>		<u>K.E.B. 82</u>
<u>Ch. In 3. 5-91</u>		<u>B.S. 2-95</u>

(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? No

Do. " Donkey " Yes

If this was not done, state for what reasons? Main boiler examined (see Ch report to 14273)

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? ✓

At what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes

To what pressure were they afterwards adjusted? 60 lbs per square inch

Has the propeller shaft been drawn and examined at this time? No

If the Survey is not complete state what arrangements have been made for its completion? In complete the Survey the propeller shaft requires to be drawn in, and the main injection valve opened up and examined. This to be done at first docking of the vessel, at time stated.

Examined the tunnel & crank shafting. found a flaw in forward web of after crank shaft. flaw extending about half way through web. recommended a new shaft to be fitted. A new spare shaft which was in hold has now been fitted. (Examined new shaft but could find no certificate mark on same). Shaft is stated to be on board eleven years, but has never been used, as there were no key seats for eccentrics in same, and new coupling bolt holes had to be bored.

Examined the donkey boiler and its safety valves and mountings found same in good condition. Steam raised in same and the safety valves adjusted to 60 lbs per sq inch.

General Observations, Opinion, and Recommendation:—

The machinery of this vessel so far as seen is in good condition, and is eligible in my opinion to remain as classed in register book, with fresh record of L.M.C. 3-96 when the survey is completed. (as recommended in Ch report to 14273).

	Fees applied for
Office of Registration Fee (per Sec. 27).....	18
Survey Fee (per Section 28).....	
Special Damage Fee (per Section 28).....	
Travelling Expenses (if chargeable).....	18

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

State if Certificate is required ✓ TUES. MAY 19 1896

Committee's Minute Deferred for FRI. AUG 14 1896

Assigned Deferred for completion of report with Owners 19.5.96 Spl.

State if a Report is now sent on the Ship or if not together, and when, one will be sent. See letter appended

*Certificates to be sent to

16—L.R.F.—Report No. 9—Transfer Ink—5,000, 3/4/95. (The Surveyors are requested not to write on or below the space for Committee's Minute.)

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

