

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

THURS. 14 MAY 1891

(Received at London Office.)

No. 10642 Date of Writing Report 6<sup>th</sup> May 1891 Port of Glasgow  
 No. in Reg. Book 469 Survey held at Glasgow Date, first Survey 20<sup>th</sup> Feb<sup>ry</sup> Last Survey 29<sup>th</sup> April 1891  
 on the Machinery of the S.S. Borghese Master Jefferson No. of Visits 10  
 Tonnage Gross 2044 Net 1331 Vessel built at Sunderland By whom W. Pile & Co<sup>y</sup> When 1870 - 11  
 Registered Horse Power 200 Engines made at Glasgow When 1882 Boilers, when made (Main) 1882 (Donkey) 1882  
 No. of Main Boilers Two Owners Kalburn & Veil Port Glasgow Voyage Indian  
 Steam Pressure in Main Boilers ✓ If Surveyed Afloat or in Dry Dock Both Class of Vessel & Machinery 100 A 1  
 in Donkey Boiler ✓ (State name of Dock.) Govan (As in Register Book, including dates of Special Surveys of Ship and of last Boiler Survey.) LMC. 8-84 BS. 3.90  
 Last Survey No. SS. Lon. 2-87 Port NE+B. 82

Particulars of Examination and Repairs (if any) Periodical Repairs on account of Damage should be separated from  
 (State clearly the cause of Repairs if any, and, in detail, the nature and extent of Examinations and subsequent Repairs.)

Does the Surveyor personally go inside each Boiler separately (including the Donkey Boiler, if any), and make a thorough examination at this time? Yes  
 If this was not done, state for what reasons? ✓

And what parts of the Boilers could not be thoroughly examined? Inside  
 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? ✓

*When this vessel was in dry dock, the sea-connections, propeller, and external fastenings, were examined and found in good order. The main boilers were opened out for survey; they are in good condition generally. Some corrosion, not yet of a serious nature, has taken place on the wing furnaces, at line of fire-bars, in both boilers: the centre furnaces of the port boiler are the most affected, but it is mostly local, and it was recommended that the parts affected be carefully cemented. The safety valves of both boilers have been taken abrift, cleaned, and replaced. The pistons and slide valves were opened out for examination; a new spring has been fitted in the Low Pressure cylinders; the crank shaft was examined by Mr. J. Harvey, and reported to be in a satisfactory state. The vessel has left this port, and to complete the survey, the following has to be done:— The furnaces and combustion chambers of main boilers, to be examined internally; the boilers to be seen under steam, and the safety valves adjusted to the working pressures. The donkey boiler to be surveyed, and its safety valves adjusted to the working pressure.*

General Observations, Opinion, and Recommendation:— *This vessel's machinery, as far as seen, appears to be in an efficient state, and when the remainder of the survey has been completed, it may, in my opinion, be eligible to remain as classed, with notification L.M.C.*  
 (State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 1/89, B. & M.S. 1/89, or L.M.C. 1/89, as the case may be.)

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for <u>9/5</u> 18 <u>91</u> Received by me, <u>13/5</u> 18 <u>91</u>
Survey Fee (per Section 28).....	£	5	0	
Special Damage Fee (per Section 28).....	£	:	:	
*Certificate (if required) as per margin.....	£	:	:	
Travelling Expenses (if chargeable).....	£	:	:	

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.  
R. J. Beveridge  
 TUES. 13 SEP 1892  
 Glasgow  
 TUES. 22 DEC 1891  
 FRI 16 SEP 1892

Committee's Minute TUES. 19 MAY 1891  
 Assigned Sh. h. v. 4/91 see off Rpt 8528  
 TUES. 29 MAY 1891  
 Lloyds Register Foundation GLS162-0117

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

10672 GL

N.E.—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.  
It is submitted that this vessel will be eligible to have  
+ L.M.C. 4-9 recorded when the funnels and combustion  
chambers of the main boiler have been examined  
internally, the donkey boiler and its safety valve  
examined, and the safety valves of  
the main and donkey boilers  
adjusted under steam.

P.A.  
14-5-91



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