

No. 13896

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

(Received at London Office MON. 26 AUG 1895)

Date of writing Report 22<sup>nd</sup> Aug 1895 When handed in at Local Office 22<sup>nd</sup> Aug 1895 Port of Glasgow  
No. in Reg. Book. 698 Survey held at Glasgow Date, First Survey 15<sup>th</sup> Aug 1895 Last Survey 20<sup>th</sup> Aug 1895  
698 on the Machinery of the Wood, Iron or Steel S.S. Minerva Master Black  
Tonnage { Gross 678 Vessel built at Newcastle By whom Palmer Bros & Co When 1862  
Net 399 Engines made at Newcastle When 1862 Boilers, when made (Main) 1877 (Donkey) ✓  
Registered Horse Power 90 Owners Calgrave & Murphy & Co Port London Voyage Antwerp  
No. of Main Boilers 2 If Surveyed Afloat or in Dry Dock Slipway  
No. of Donkey Boilers 1 (State name of Dock.) Glasgow & Aberdeen wet.  
Steam Pressure in Main Boilers 65 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
in Donkey Boilers 80

Last Survey No. Port Docking & Annual Boiler 95 A1  
Particulars of Examination and Repairs (if any) Annual Boiler 95 A1

(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? 65 lb per sq"  
Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes  
To what pressure were they afterwards adjusted? 60 lb per sq" being all that is required.  
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? Complete

When this vessel was on slipway the propeller and sea cock fastenings were examined.  
The two main boilers and their safety valves, were opened up cleaned and examined. found two main stays in port boiler much wasted, these have now been renewed. otherwise these boilers are in very good condition considering their age.  
The Donkey boiler and its safety valves opened up and examined, recommended a little caulking in fire box bottom.

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 B.S. 8. 95.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 22/8 1895  
Survey Fee (per Section 28) £ 2 16 "  
Special Damage Fee (per Section 28) £ : :  
Travelling Expenses (if chargeable) £ : :  
Received by me, 24/8 1895

\*State if Certificate is required  
Committee's Minute TUES. 27 AUG 1895  
Assigned B.S. 8. 95



13896. <sup>95</sup>  
Slight repairs to main & donkey  
boilers owing to wear & tear

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.

It is submitted that  
this vessel is eligible for  
THE RECORD B. S. 8. 95.

A.S.

26. 8. 95.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation