

No. 13896

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

(Received at London Office MON. 26 AUG 1895)

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

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>95 A1</u>		<u>L.M.C. 4.92</u>
<u>494</u>		<u>B.S. 6.94</u>
<u>3-6,88</u>		<u>NB77</u>
<u>1-92</u>		

Last Survey No. _____ Port _____ Docking & Annual Boilers

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 " " " 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) £ : :
 Survey Fee (per Section 28) £ 2 16 "
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 Fees applied for 22/8/95
 Received by me, 24/8/95

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

* State if Certificate is required _____
 Committee's Minute TUES. 27 AUG 1895
 Assigned B.S. 8.95



State if a Report is also now sent to the Ship...
 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.

13896. ⁹⁵
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.

J.S.

26. 8. 95.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation