

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

(Received at London Office.)

Date of writing Report 18th Sept. 1899 When handed in at Local Office 18 is Port of Glasgow
 No. in Reg. Book 794 Survey held at Glasgow Date, First Survey 11 Sept Last Survey 14 Sept 1899
 on the Machinery of the Wood, Iron or Steel S. S. MINERVA Master J. Slack
 Tonnage { Gross 678 Net 399 Vessel built at Newcastle By whom Palmer Bros & Co When 1862 YEAR. MONTH. 7
 Registered Horse Power 90 Engines made at do Eng When 1870 Boilers, when made (Main) 1877 (Donkey) 1890
 No. of Main Boilers 2 Owners Palgrave Murphy & Co Port London Voyage Lisbon
 No. of Donkey Boilers 7 Surveyed Afloat in Dry Dock Donkeyhouse Slip & Guano Dock 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).
* 95 A1	7.98	L M C
1895 203-6.84		M S 7.97
1895 202-97		B.S. 7.99

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) B.S. 9

(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 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 To what pressure were they afterwards adjusted under steam? 65 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? 70 lbs.

Has the propeller shaft been drawn and examined at this time? No If spare propeller shaft fitted, state whether new? _____

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? 3/16"

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete

The Main & Donkey Boilers have been examined inside & outside & found to be in good order. The Safety Valves have been examined & afterwards adjusted under steam to the above stated pressures.

The propeller, end of stern tube & fastenings of propeller & sea connections have been examined & found in good order.

General Observations, Opinion, and Recommendation:— The machinery of this vessel, so far as seen, is now in good order & in our opinion eligible to remain as classed & to have fresh record of B.S. 9.99

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ 2 : :
 Special Damage Fee (per Section 28) £ : 4 :
 Travelling Expenses (if chargeable) £ 1 : 16 :
 Fees applied for 18/9/1899 H James Hollison & H Gardner Smith
 Received by me 22.9.99 H Gardner Smith
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

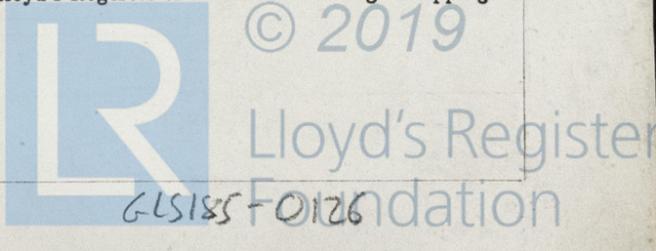
Committee's Minute FRI 22 SEP 1899
Assigned B.S. 9.99

If so, is the Report sent now, or when will it be sent?

The above fees are regulated not to write on or below the space for Committee's Minute.

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

*Certificate to be sent to



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 to cause it to show through to the other side.

*It is submitted that
this vessel is eligible for
THE RECORD. 12.1.999*

[Handwritten signature]
12/1/999

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation