No. 12616

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

(Received at London Office TUE 14 DEC 1893)

Date of writing Report ..... 18 ..... When handed in at Local Office ..... 18 ..... Port of Glasgow

No. in Reg. Book. 634 — Survey held at Glasgow — Date, First Survey 4th Oct. Last Survey 8th Oct. 1893 (No. of Visits 3)

on the Machinery of the ~~Wood~~, Iron ~~or Steel~~ S.S. "Minerva" — Master J. Black

Tonnage { Gross 678 / Net 399 } — Vessel built at Newcastle — By whom Palmer Bros & Co — When 1862 (Year) 1 (Month)

Registered Horse Power 90 — Engines made at Comp^d Newcastle — When 1870 — Boilers, when made (Main) 1877 (Donkey) ✓

No. of Main Boilers ✓ — Owners Palgrave Murphy & Co — Port London — Voyage Oporto

Steam Pressure — in Main Boilers 68 lbs — ~~If~~ Surveyed ~~Afloat or~~ in Dry Dock Govan (State name of Dock.)

in Donkey Boiler ✓

Last Survey No. ..... Port .....

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 · 93		LMC 4 · 92 BS 8 · 93

Particulars of Examination and Repairs (if any) Docking

(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? ✓

Do. " Donkey " " " ✓

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? ✓

At what pressure were they afterwards adjusted under steam? ✓

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

To what pressure were they afterwards adjusted? ✓

If the Survey is not complete state what arrangements have been made for its completion? ✓

When this vessel was in the above dry dock all sea cocks and connections were examined externally & together with the propeller & fastenings found in good order

General Observations, Opinion, and Recommendation:— As far as concerns the machinery of this vessel is in safe working condition & in my opinion eligible to remain as classed

(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. 9,92, B.&M.S. 9,92 or ✠L.M.C. 9,92, as the case may be.)

Office or Registration Fee (per Sec. 27) ..... £ : :

Survey Fee (per Section 28) ..... £ : :

Special Damage Fee (per Section 28) ..... £ : :

Travelling Expenses (if chargeable) ..... £ : :

Fees applied for ..... 18 .....

Received by me, ... 18 .....

A. McLeand

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

*State if Certificate is required .....

Committee's Minute FRI 15 DEC 1893

Assigned As now

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

(The Surveyors are requested to state if not so.)

THE SOLE EXCUSE FOR THE EXISTENCE OF THIS REPORT IS THE PROTECTION OF LIFE AND PROPERTY AT SEA

GLS168-0297

It is submitted that this vessel is eligible to remain AS CLASSED.

12616 Gls

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.

14/12/93 -