

No. 13039

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

(Received at London Office)

Date of writing Report _____ is _____ When handed in at Local Office _____ is _____
 No. in Reg. Book. Survey held at Glasgow Date, First Survey 5th June Last Survey 8th June 1894
634 on the Machinery of the Wood, Iron or Steel S. P. Minerva Master
 Tonnage { Gross 678 Vessel built at Newcastle By whom Palmer Bros When 1862 MONTH 1
 Net 399 Engines made at Newcastle When 1862 Boilers, when made (Main) 1877 (Donkey) 1890
 Registered Horse Power 90 Owners Palgrave Murphy & Co Port London Voyage _____
 No. of Main Boilers 2 If Surveyed Afloat or in Dry Dock Queens Dr - Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)
 No. of Donkey Boilers 1 (State name of Dock.)
 Steam Pressure in Main Boilers 65 in Donkey Boilers 80

Last Survey No. 2876 Port Glasgow
 Particulars of Examination and Repairs (if any) Annual 1893

| CHARACTER. | Year and Month when last surveyed. | Year and Month when next surveyed. | Machinery and Boiler Surveys (including date of N.B., if any). |
|------------|------------------------------------|------------------------------------|----------------------------------------------------------------|
| + | 95 | A1. | L.M.P. 492 |
| | 12-93 | | B.S. 893 |
| ss | 1803-6.88 | | |
| ss | 1801-92 | | |

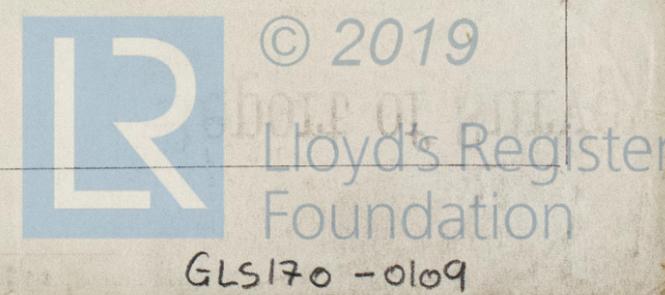
Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes & found them in a good condition
 Do. " Donkey " " " ditto
 If this was not done, state for what reasons? _____
 And what parts of the Boilers could not be thus thoroughly examined? _____
 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 & found them in a good condition
 At what pressure were they afterwards adjusted under steam? 65 lbs
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes & found it in a good condition
 To what pressure were they afterwards adjusted? 60 lbs no more being required
 If the Survey is not complete state what arrangements have been made for its completion? _____

The boiler survey was carried out as stated above & the main boiler domes were also examined.

General Observations, Opinion, and Recommendation:— As far as seen the machinery of this vessel is in a safe working condition and eligible in my opinion for the record 1893.
6. 94

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 20/6 1894
 Survey Fee (per Section 28) £ 2 : " " 20/6 1894
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 Received by me, A. M. Head J. Hromeyer
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required _____
 Committee's Minute TUES. 23 JUN 1894
 Assigned 1286, 94



The Surveyors are requested not to write on or below the space for Committee's Minute.
 If not whether, and when, one will be sent.
 140 lb., F.D., &c.

