

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

TUES. 15 MAR 1898

(Received at London Office)

Date of writing Report 14 March 18 98 When handed in at Local Office 18 Port of London

No. in Reg. Book 27 Survey held at London Date, First Survey 28 Feb Last Survey 12 March 1898

on the Machinery of the Wood, Iron or Steel S.S. Calatea Master Grant

Tonnage { Gross 547 Net 293 Vessel built at Sunderland By whom Sunderland S.B.C. When 1887-8

Registered Horse Power 95 Engines made at Sunderland When 1887 Boilers, when made (Main) 1887 (Donkey) 1887

No. of Main Boilers one Owners J. T. Harrison Port London Voyage Trip

No. of Donkey Boilers one Surveyed Afloat or in Dry Dock Nelson

Steam Pressure in Main Boilers 150 lbs in Donkey Boilers 70 lbs (State name of Dock.)

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

| CHARACTER. | Year | Month | Machinery and Boiler |
|------------------------------------------------|----------|----------|-----------------------------------|
| for Special Survey. | As | Now | Surveys |
| Date of last Survey and of Periodical Surveys. | expired. | expired. | (including date of S.B., if any). |
| <u>+ 100 A1-10-97</u> | | | <u>+ 2nd</u> |
| <u>S.S. Lon No 2-94</u> | | | <u>1.95</u> |
| | | | <u>B.S. 3.97</u> |

Last Survey No. PortParticulars of Examination and Repairs (if any) Boiler Survey

(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? YesDo. " Donkey " " " YesIf 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? YesAt what pressure were they afterwards adjusted under steam? Low 152 lbsDid the Surveyor examine the Safety Valves of Donkey Boiler? YesTo what pressure were they afterwards adjusted? How 70 lbsHas the propeller shaft been drawn and examined at this time? NoIf spare propeller shaft fitted, state whether new? ✓State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? ✓If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete

Examined Main Boiler externally & internally and found it in fair condition with exception of Centre Combustion Chamber bottom, which was corroded, this has been cut out & a new plate fitted, the bottom back plate of Centre Combustion chamber renewed & two screw stays to same renewed.

Safety valves examined & found satisfactory

Examined Donkey Boiler externally & internally and found it in fair condition.

Safety valves & seats tried up.

Examined Main & Donkey Boilers under steam & adjusted safety valves to working pressures.

General Observations, Opinion, and Recommendation: The machinery of this vessel,

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,97, B.&M.S. 9,97 or L.M.C. 9,97, 140 lb., F.D., &c.)

so far as seen, is now in a safe working condition and eligible, in my opinion, to have B.S. 3.98 Recorded in the Register of the Society.

Office or Registration Fee (per Sec. 27) £ 1 : 10 : 0

Survey Fee (per Section 28) £ 1 : 10 : 0

Special Damage Fee (per Section 28) £ 1 : 4 : 0

Travelling Expenses (if chargeable) £ 1 : 4 : 0

Fees applied for

21/3 18 98/99

Received by me,

18 98/99

State if Certificate is required 1.4.98

Committee's Minute

Assigned B.S. 3.98

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

Lloyd's Register
Foundation
LON715-0093

Moderate repairs to main boiler
owing to wear & tear

It is submitted that
this vessel is eligible for
THE RECORD. 13. 3. 98

[Signature]

21. 3. 98

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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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