

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

Date of writing Report 18th Dec 94 When handed in at Local Office 18 Port of London
 No. in Reg. Book 506 Survey held at London Date, First Survey Nov 94 Last Survey 5th Dec 1894
 on the Machinery of the Wood, Iron or Steel S.S. "Ruapehu" Master E. A. Findlay
 Tonnage { Gross 4262 Net 2659 Vessel built at Glasgow By whom J. Elder & Co When 1883 Year. Month. 11
 Registered Horse Power 600 Engines made at Do. When 1883 Boilers, when made (Main) 1883 (Donkey) 1883
 No. of Main Boilers Three Owners New Zealand S.S. Co Port London Voyage New Zealand
 No. of Donkey Boilers One If Surveyed Afloat in Dry Dock Royal Albert with dry docks. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure in Main Boilers 110 in Donkey Boilers 100

Last Survey No. Port
 Particulars of Examination and Repairs (if any) Part B.S.
 (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? 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? Not adjusted
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes.
 To what pressure were they afterwards adjusted? Not adjusted
 If the Survey is not complete state what arrangements have been made for its completion? To be completed on vessel's return four months hence.

The four boilers (three Main & one Donkey) were examined internally and externally and their safety valves were also examined. One patch was fitted at the after end of Port boiler on shell, where thin, (in way of feed check); and the two forward wing furnaces ^{of same boiler} were set up of the same boiler at the after ends.

To complete the survey. - The safety valves of the Main and Donkey boilers require to be adjusted under steam.

The vessel was placed in dry dock, when the propeller and sea-connection fastenings were examined & found in good order.

General Observations, Opinion, and Recommendation: - So far as seen, this vessel's boilers (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. 4, 94, B.&M.S. 4, 94 or L.M.C. 4, 94, 140 lb., F.D., &c.) are in safe working condition and eligible, in my opinion, to remain as classed with record of B.S. 12. 94. deferred until completion of above.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 20/12/1894
 Survey Fee (per Section 28) £ 2:10:0
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 Received by me, R. Elliott.
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

State if Certificate is required
 Committee's Minute Deferred
 Assigned

