

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

(Received at London Office)

Date of writing Report 20th Sept. 1893, When handed in at Local Office Port of London

No. in Reg. Book 502 Survey held at London Date, First Survey 14th July Last Survey 11th Sept. 1893

on the Machinery of the Wood, Iron or Steel S.S. "Ruapehu" Master C. A. Findley

Tonnage Gross 4202 Net 2659 Vessel built at Glasgow By whom J. Elder & Co. When 1883 Boilers, when made (Main) 1883 (Donkey) 1883

Registered Horse Power 600 Engines made at Glasgow Owners New Zealand Shipping Co. Port London Voyage New Zealand

No. of Main Boilers Three If Surveyed Afloat or in Dry Dock Royal Albert Dry Dock Victoria Dock

Steam Pressure in Main Boilers 95 in Donkey Boiler 100

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

Last Survey No. Port

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

(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.)

CHARACTER * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned or expired.	Machinery and Boiler Surveys (Including date of N.B., if any).
<u>100 A1</u> <u>Shardk.</u> <u>2.93.</u> <u>S.S. Lon. No. 291.</u>		<u>L.M.C. 4-92</u>

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? adjusted to 95 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes.

To what pressure were they afterwards adjusted? Adjusted to 100 lbs.

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

The three Main and Donkey boilers examined internally and externally. Safety valves of all Main and Donkey boilers examined and subsequently adjusted under steam to the above pressures. The two centre furnaces of the Port Mn. Br. being considerably patched and getting wasted at parts were now renewed. The whole of the plain tubes of the three Mn. Brs. were now renewed on account of their thinness - the Main Brs. tested under hydraulic pressure to 160 lbs. pressure.

The pressure on Main boilers was reduced to 95 lbs. at owners' request.

General Observations, Opinion, and Recommendation: — This vessel's machinery, so far as seen, is in safe working condition, eligible, in our opinion, to remain as classed with record of B.S. 993 entered in the Register Book

(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. 0,02, B.&M.S. 0,02 or *L.M.C. 0,02, as the case may be.)

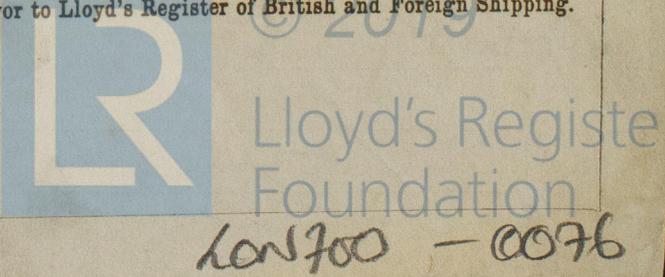
Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for
Survey Fee (per Section 28).....	£ 2 10 0	18
Special Damage Fee (per Section 28).....	£ : :	23
Travelling Expenses (if chargeable).....	£ : :	Received by me,

R. Elliott Esq. & W. W. W. W. W.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required

Committee's Minute FRI 22 SEP 1893

Assigned B.S. 993



State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

*Certificate to be sent

14-LRFB-Form No. 9 - Treasurer L.R. - 10,000, 20/1/93.

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

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

It is submitted that
this vessel is eligible for
THE RECORD BS-9-93

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.

on account of wear & tear, all
plain tubes have been
renewed in the main boiler,
& other moderate repairs
done —

Job
21/9/93 -

[Faint, mostly illegible handwritten text in cursive script, likely bleed-through from the reverse side of the page.]



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THE LLOYD'S REGISTER OF SHIPBUILDERS AND BOILERS