

No. 37548

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

Date of writing Report 4th April 96 When handed in at Local Office London (Received at London Office SAT. APL 4 1896)

No. in Reg. Book 504 Survey held at London Date, First Survey S. S. "Ruahine" Last Survey 31st March 1896

Tonnage { Gross 612 1/2 Net 392 6 Vessel built at Dumbarton By whom W. Denny & Bros. Master J. Bone

Registered Horse Power 818 Engines made at Do. When 1891 Boilers, when made (Main) 1891 (Donkey) 1891

No. of Main Boilers Three Owners New Zealand Shipping Co. Port Plymouth Voyage New Zealand

No. of Donkey Boilers one If Surveyed Afloat or in Dry Dock Royal Albert wet & dry docks. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. S. S. No. 1 Port London

Particulars of Examination and Repairs (if any) S. S. No. 1

(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 expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1</u> <u>11.95</u>		<u>L.M.C. 12.9</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? Yes.

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

At what pressure were they afterwards adjusted under steam? 142 lbs.

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

To what pressure were they afterwards adjusted? 182 lbs.

Has the propeller shaft been drawn and examined at this time? No. Renewed 9/94 see Lon. Rpt. 55849.

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

Vessel placed in dry dock - all sea & bilge cocks & valves, propeller & its fastenings examined. All cylinders, pistons, slide valves, pumps, condenser, tunnel, thrust & main shafting examined. The three main & donkey boilers examined internally & externally - their safety valves examined & adjusted under steam.

General Observations, Opinion, and Recommendation:— *This vessel's machinery is now in safe working condition and eligible, in my opinion, to remain as classed with record of survey L.M.C. 3.96 entered in the Register Book.*

Office or Registration Fee (per Sec. 27)..... £	Fees applied for
Survey Fee (per Section 28)..... £ <u>5:10:0</u>	<u>4/4 1896</u>
Special Damage Fee (per Section 28)..... £ <u>0:11:0</u>	
Travelling Expenses (if chargeable)..... £ <u>4:19:0</u>	Received by me, <u>R. Elliott.</u>

State if Certificate is required FRI. APL 10 1896 TUES 1 SEP 1896 FRI. 6 AUG 1897 TUES. 18 JAN 1896 FRI. 30 JUL 1897 TUES. 31 MAY 1893 TUES. 18 OCT 1898

Committee's Minute + L.M.C. 3.96 Assigned LON 708-0311

16-LRPH-Report No. 9-Transfer Ink-5
(The Surveyors are requested not to write on or alter the Report.)

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

