

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

SAT. JUN 27 1896

(Received at London Office)

Date of writing Report 25 June 1896 When handed in at Local Office 18 Port of London  
 No. in Reg. Book. 528 Survey held at London Date, First Survey 2 June Last Survey 23 June 1896  
 on the Machinery of the Wood, Iron & Steel A. S. Ruapehu Master J. Stewart  
 Tonnage { Gross 4202 Vessel built at Slaydon By whom J. Elder & Co When 1883 Year. Month. 11  
 Net 2669 Engines made at Slaydon Boilers, when made (Main) 1883 (Donkey) 1883  
 Registered Horse Power 584 Owners New Zealand Shipping Co. Port London Voyage New Zealand  
 No. of Main Boilers 3 If Surveyed Afloat or in Dry Dock Royal Albert Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 No. of Donkey Boilers one (State name of Dock.)  
 Steam Pressure—90 lbs  
 in Main Boilers 90 lbs  
 in Donkey Boilers 90 lbs

Last Survey No. PortParticulars of Examination and Repairs (if any) S.S. No 3 part+100 A. 9. 95+2m C. 4. 92

(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

If this was not done, state for what reasons? YesAnd what parts of the Boilers could not be thus thoroughly examined? YesAlso 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? YesDid the Surveyor examine the Safety Valves of the Main Boiler? YesAt what pressure were they afterwards adjusted under steam? Flow 90 lbsDid the Surveyor examine the Safety Valves of Donkey Boiler? YesTo what pressure were they afterwards adjusted? Flow 90 lbsHas the propeller shaft been drawn and examined at this time? N.S. 5. 95If the Survey is not complete state what arrangements have been made for its completion? No

AP Piston, cover, valve & face, condenser, crank shaft & part Tunnel shafting examined and found satisfactory. The propeller shaft of this vessel was examined in 5. 95.

Examined all Main Boilers externally & internally. & the following repairs carried out — Port Boiler, port Comb Chamber port side 4 stays in bulges, Starb<sup>d</sup> Combustion Cham<sup>r</sup> Starb<sup>d</sup> side 3 stays fitted in bulges; Centre Boiler, Port Combustion Chamber port side, 1/2 side badly bulged, renewed and 16 screw stays to same renewed, patch on saddle plate of aft furnace taken off & renewed, Centre Furnace Aft, rivets renewed in patch on saddle plate, and a bolted covering plate fitted over shell seam on bottom Starb<sup>d</sup> Boiler — Centre Furnace, Aft, new saddle plate fitted & a patch on fore furnace saddle plate renewed T.T.O

General Observations, Opinion, and Recommendation: The Machinery in 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. 9.95, B.&M.S. 9.95 or L.M.C. 9.95, 140 lb., F.D., &c.)

so far as seen, is now in a safe working condition & eligible in my opinion to have BS 6.96 and +2m C 6.96 Recorded in the Register of this Society when the remainder of the survey has been carried out. The pressure of Main & Donkey Boilers to be noted as 90 lbs.

Office or Registration Fee (per Sec. 27) £ : :  
 Survey Fee (per Section 28) £ 5. 10. 0  
 Special Damage Fee (per Section 28) £ 0. 11. 0  
 Travelling Expenses (if chargeable) £ 4. 19. 0

Fees applied for

27/6/1896

Received by me

18/7/1896

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

\*State if Certificate is required

Committee's Minute

Assigned

TUES. JUN 30 1896

FRI 20 NOV 1896  
TUES MAR 30 1897FRI. 26 FEB 1897  
FRI. 17 SEP 1897

FRI 20 AUG 1897

FRI. 23 SEP 1898

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 LON 709 - 0259



57817 Leon

S. S. "Ruapehu"

Examined Donkey Boiler externally and internally & found it in fair condition  
Examined Main and Donkey Boilers  
Safety valves and found them satisfactory  
owing to the condition of the sides of  
Combustion Chambers & general condition  
the pressures of Main & Donkey Boilers  
have been reduced to 90 lbs per sq inch.  
Examined Main & Donkey Boilers under  
Steam and adjusted Safety valves to a  
working pressure of 90 lbs.

To Complete Survey - The Stern Bush and  
all Sea connections & fastenings to same to  
be examined in dry dock, LP Cylinder,  
Piston, valve & gear and all pumps  
to be opened for examination & remainder  
of Tunnel shafting to be examined.

The above it was stated would be done on  
vessels return from present voyage.

R. E.

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.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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