

Report of Survey for Repairs, &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 Net 2659 Vessel built at Glasgow By whom J. Elder & Co When 1883-11

Registered Horse Power 584 Engines made at Glasgow When 1883 Boilers, when made (Main) 1883 (Donkey) 1883

No. of Main Boilers 3 Owners New Zealand Shipping Co. Port London Voyage New Zealand

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

Steam Pressure in Main Boilers 90 lbs in Donkey Boilers 90 lbs

Last Survey No. Port Particulars of Examination and Repairs (if any) S.S. No 3 part + 100 A. 9. 95

CHARACTER: X for Special Survey. Date of last Survey and of Periodical Surveys. Years assigned how expired. Machinery and Boiler Surveys (including date of M.B., if any). S.S. Lon No 2-91 + 2m C. 4. 92 B.S. 12. 94

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? blow 90 lbs

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

To what pressure were they afterwards adjusted? blow 90 lbs

Has the propeller shaft been drawn and examined at this time? No

If the Survey is not complete state what arrangements have been made for its completion? N.S. 5. 95.

On vessel's return from present voyage

AP Piston, cover, valve & face, condenser, crank

shaft & part Funnel 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^d Combustion Cham^r

Starb^d 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^d 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)	£		Fees applied for
Survey Fee (per Section 28)	£	5 10 0	27/6/96
Special Damage Fee (per Section 28)	£	0 11 0	
Travelling Expenses (if chargeable)	£	4 19 0	
			Received by me

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

Committee's Minute TUES. JUN 30 1896
Assigned BS 6.96
FRI 20 NOV 1896
TUES MAR 30 1897
FRI. 26 FEB 1897
FRI. 17 SEP 1897
FRI 20 AUG 1897
FRI. 23 SEP 1898

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent? (This information is to be sent to the Registrar of the Registrar's Office.)

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



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 & gage 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. B.

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.

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