

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

MUN. JUN. - 2. 1913

(Received at London Office)

Date of writing Report 24. 4 1913 When handed in at Local Office 24. 4 1913 Port of Sydney, N.S.W.

No. in Reg. Book. 58 Survey held at Sydney, N.S.W. Date, First Survey 11. 4. 13 Last Survey 15. 4 1913
on the Machinery of the Wood, Iron or Steel "S.S. Wairuna" Master W. J. ... (No. of Visits 4)

Tonnage { Gross 3947 Net 2530 Vessel built at Newcastle By whom Armstrong & Co. Ltd. When 1904-5

Registered Horse Power 403 Engines made at " By whom Wairuna Shipway When 1904

No. of Main Boilers 3 Boilers, when made (Main) 1904 (Donkey) "
No. of Donkey Boilers " Owners Union S.C. of New Zealand Port Dunedin Voyage New Zealand

Steam Pressure in Main Boilers 180 If Surveyed Afloat or in Dry Dock Woolwich dry & Sydney Harbour

Last Report No. " Port "
Particulars of Examination and Repairs (if any) B.S.

CHARACTER, for Special Survey, Date of last Survey and of Periodical Surveys.	Year Assigned and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>1100 A-1.</u>		<u>L.M.C. 7.12</u>
<u>S.S. Dunedin 1908.</u>		<u>2.5.5. 7.12</u>
<u>S.S. Dunedin 1912.</u>		<u>7.12.</u>

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 date and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined? Yes Was a damage report made by anyone else? If so, by whom? Yes

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? Yes

And what parts of the Boilers could not be thus thoroughly examined? Yes

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 To what pressure were they afterwards adjusted under steam? 180 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? "

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boiler? Yes

Did the Surveyor examine the drain pipes of the Main Boilers? Yes, and of the Donkey Boiler? Yes

Did the Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boiler? Yes

Has screw shaft now been drawn and examined? No Is it fitted with continuous liner? Yes or two liners? Yes or is it without liners? Yes

Has shaft now been changed? Yes If so, state reasons "

Is the shaft now fitted new? Yes Has it a continuous liner? Yes or two liners? Yes or is it without liners? Yes

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? 1/8"

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete.

This vessel placed in dry dock, propeller, outer end of Stern bush and fastenings examined and found in good order.

Three main Boilers opened cleaned and examined throughout and found in good condition throughout, seen under steam and Safety Valves adjusted to 180 lbs. per square inch.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is now in good condition, eligible in my opinion to remain as classed with fresh Record B.S. 4.13 noted in Register Book.

Survey Fee (per Section 28) £ 5. 5. Fees applied for 24. 3. 1913
Special Damage or Repair Fee (if any) " Received by me, A.C. Heron
Travelling Expenses (if chargeable) " 19 "
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUE. JUN. 10 1913 FRI. JUN. 5 - 1914 Wm Robertson Acting
Assigned B. 4. 13 FRI. DEC. - 4 1914 Lloyd's Register Foundation

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

Is a Certificate required? If so, to be sent to

B.S. due 7. B now held.

It is submitted that
this vessel is eligible for
THE RECORD. BS 4. 13.

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 to cause it to show through to the other side.

JW
6/6/13.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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