

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

MON. 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. Survey held at Sydney, N.S.W. Date, First Survey 11. 4. 1913 Last Survey 15. 4. 1913
 58 on the Machinery of the Wood, Iron or Steel "S.S. Wairuna" Master (No. of Visits 4)
 Tonnage { Gross 3947 Vessel built at Newcastle By whom Armstrong & Co. Ltd. When 1904-5
 Net 2530 Engines made at " By whom Wairuna Shipyard When 1904.
 Registered { 403 Boilers, when made (Main) 1904 (Donkey)
 Horse Power {
 No. of Main Boilers 3 Owners Union S.C. of New Zealand Port Dunedin Voyage New Zealand.
 No. of Donkey Boilers - If Surveyed Afloat or in Dry Dock Woolwich dry & Sydney Harbour.
 Steam Pressure in Main Boilers 180
 in Donkey Boilers

Last Report No. Port

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

Periodical Surveys, when held, must be reported in detail and verification 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? Was a damage report made by anyone else? If so, by whom?

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?

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

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?

Did the Surveyor examine the drain plugs of the Main Boilers? Yes

, and of the Donkey Boiler?

Did the Surveyor examine all the mountings of the Main Boilers? Yes

, and of the Donkey Boiler?

Has screw shaft now been drawn and examined? No

Is it fitted with continuous liner? or two liners? or is it without liners?

Has shaft now been changed? If so, state reasons

Is the shaft now fitted new?

Has it a continuous liner? or two liners? or is it without liners?

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, stern 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

(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, 11, B.S. 9, 11, or L.M.C. 9, 11, 140 lb., F.D., &c.)

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.

Special Damage or Repair Fee (if any) £

Travelling Expenses (if chargeable) £

Fees applied for

24. 3. 1913

Received by me,

19

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUE. JUN. 10 1913

FRI. JUN. 5-1914

Assigned

B. 4. 13

FRI. DEC. -4 1914

A. C. Heron

Wm. Robertson Acting

Lloyd's Register
Foundation
W763-10056

B.S. due 7. 13 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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