

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

(Received at London Office)

Date of writing Report 23rd Oct. 94 When handed in at Local Office Port of London

No. in Reg. Book 286 Survey held at London Date, First Survey Aug 14 Last Survey 22nd Oct. 1894

on the Machinery of the Wood, Iron or Steel S.S. "Otarama" Master (No. of Visits 7)

Tonnage { Gross 3808 Net 2460 Vessel built at Sunderland By whom W. Doxford & Sons When 1890 YEAR. MONTH. 14

Registered Horse Power 450 Engines made at Do. When 1890 Boilers, when made (Main) 1890 (Donkey) 1890

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

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

Steam Pressure in Main Boilers 160 in Donkey Boilers 60 Last Survey No. 55258 Port Lon. Damage to hull S.S. N^o 1.

Particulars of Examination and Repairs (if any) S.S. N^o 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	Years Assigned how long	Machinery and Boiler Surveys (including date of N.B., if any)
<input checked="" type="checkbox"/> 100 A. 1.		<input checked="" type="checkbox"/> L.M.C. 490
Spar dk.		
3. 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? Previously exd.

Did the Surveyor examine the Safety Valves of the Main Boiler? 160 lbs.

At what pressure were they afterwards adjusted under steam? Yes.

Did the Surveyor examine the Safety Valves of Donkey Boiler? 60 lbs.

To what pressure were they afterwards adjusted? Complete.

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

Vessel placed in dry dock - propeller shaft drawn inboard, examined and found defective at ends of liners was now removed and the spare shaft fitted. All sea and bilge connections and propeller fastenings examined. Cylinders, pistons, slide-valves, pumps, condenser and the whole of the shafting throughout, examined. Main & Donkey boilers examined and safety valves adjusted under steam.

Repairs due to wear & tear. - One safety valve spring and two tubes in Donkey boiler renewed.

The vessel was placed in dry dock a second time, owing to collision, when the propeller and sea-connection fastenings were found in good order.

General Observations, Opinion, and Recommendation: - This vessel's machinery is now

(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. 1,94, B.&M.S. 4,94 or L.M.C. 1,94, 140 lb., F.D., &c.)

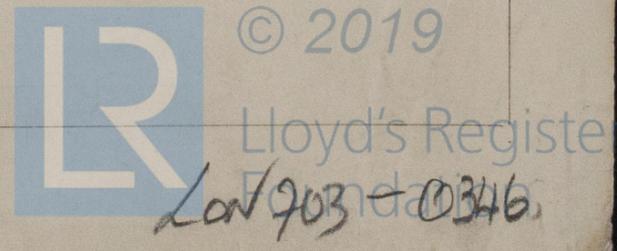
in safe working condition and eligible, in our opinion, to remain as classed with record of L.M.C. 10.94 entered in the Register Book.

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for	} <u>R. Elliott</u> <u>M. Salmon</u> Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
Survey Fee (per Section 28).....	£ <u>5</u> : <u>10</u> : <u>0</u>	<u>5/11 18 94</u>	
Special Damage Fee (per Section 28).....	£ : :	Received by me,	
Travelling Expenses (if chargeable).....	£ : :	<u>9.11 18 94</u>	

*State if Certificate is required

Committee's Minute TUES. 6 NOV 1894

Assigned R. W. 10, 94



State if a Report is also now sent to the Ship or if not, whether, and when, one will be sent.

*Certificate to be sent to

10-LRPH-Form No. 9-Transit Book-5,000, 4, 4, 94.
(The Surveyor are requested not to write on or below the space for Committee's Minute.)

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

on account of Wear & Tear

Minor repair effected to

Donkey Boiler.

on account of Tail

Shaft being defective

The spare one was

filled

It is submitted that
this vessel is eligible for
THE RECORD

+LMC1094

APR

5-11-94

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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