

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

TUES, MAY 5 1896

(Received at London Office)

Date of writing Report 2nd May 96 When handed in at Local Office London is 18 Port of London

No. in Reg. Book 420 Survey held at London Date, First Survey 9 April Last Survey 28th April 1896

on the Machinery of the Wood, Iron or Steel S. S. "Tongararo" Master J. Mayors

Tonnage { Gross 4163 Net 2657 Vessel built at Glasgow By whom J. Elder & Co. When 1883 YEAR. MONTH. 8

Registered Horse Power 571 Engines made at Do 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 1 If Surveyed Afloat in Dry Dock Royal Albert wet & dry docks

Steam Pressure— in Main Boilers 100 in Donkey Boilers 100

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) S. S. No 3

(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 for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now or expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1. Spar dk. 5.95.</u>		<u>L.M.C. 29 B.S. 5.95.</u>
<u>S.S. Lon. No 2-92</u>		

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? 100 lbs.

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

To what pressure were they afterwards adjusted? 83 lbs.

Has the propeller shaft been drawn and examined at this time? No. Exd. 5.95.

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

Vessel placed in dry dock. all sea & bilge cocks & valves exd. all cylinders, pistons, slide-valves, pumps, condenser, main, thrust & tunnel shafting examined. Propeller & its fastenings examined. The main & Donkey boilers exd. internally & externally, also their safety valves and the latter adjusted under steam to above pressure.

General Observations, Opinion, and Recommendation:— This vessel's machinery is now in safe working condition and the vessel is eligible, in my opinion, to remain as classed with record of survey L.M.C. 4.96

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for <u>6/5/96</u> 18
Survey Fee (per Section 28).....	£ 5 : 10 : 0	
Special Damage Fee (per Section 28).....	£ 0 : 11 : 0	
Travelling Expenses (if chargeable).....	£ 4 : 19 : 0	
		Received by me, <u>19/5/96</u> 18

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

*State if Certificate is required

Committee's Minute FRI, MAY 8 1896

Assigned + L.M.C. 4.96

FRI, 18 SEP 1896 FRI, 29 JAN 1897 TUES 9 FEB 1897 FRI, 29 OCT 1897 TUES, 14 DEC 1897

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