

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

(Received at London Office FRI. 10 DEC 1897)

Date of writing Report *Dec 9<sup>th</sup> 1897* When handed in at Local Office *18* Port of *London*

No. in Reg. Book *453* Survey held at *London* Date, First Survey *Oct 27<sup>th</sup>* Last Survey *Dec 8<sup>th</sup> 1897*

*453* on the Machinery of the ~~Wood, Iron or Steel~~ *S.P. Ingarrino* Master *Mayors*

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

Registered Horse Power *571* Engines made at *Gls.* When *1883* Boilers, when made (Main) *1883* (Donkey) *1883*

No. of Main Boilers *5* Owners *New Zealand S.C. Co. Ltd.* Port *London* Voyage *New Zealand*

No. of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *S.A.D., Victoria St & R.A. Dry Dock*

Steam Pressure— in Main Boilers *100lbs* in Donkey Boilers *100lbs*

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER * for Special Survey, Date of last Survey and of Periodical Surveys.	Years Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>100 A.1. 5.95</i>	<i>100</i>	<i>L.M.C.</i>
<i>S.S. LON No 2.92</i>		<i>H.96.</i>

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any) *S.P. & Docking*

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.

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? *100lbs*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes* To what pressure were they afterwards adjusted? *90lbs*

Was the propeller shaft been drawn and examined at this time? *No* If spare propeller shaft fitted, state whether new? \_\_\_\_\_

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

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

*Examined propeller, stem bush, & sea connections fastenings, also main & donkey boilers internally and externally and safety valves.*

*Repairs due to wear clear. Four nuts renewed on screwed stays in Com: Chambers of Port Main Boiler & two of the furnaces which were slightly distorted have been jacked up fair.*

*The safety valves have been adjusted under steam as above.*

General Observations, Opinion, and Recommendation:— *This vessel's Boilers and Engines as far as seen are now in good condition & in my opinion the vessel is eligible for the record B.S. 12.97.*

Office or Registration Fee (per Sec. 27) £ \_\_\_\_\_

Survey Fee (per Section 28) £ *2.10.0*

Special Damage Fee (per Section 28) £ *5.0*

Travelling Expenses (if chargeable) £ *2.5.0*

Fees applied for *10/12 1897*

Received by me *10/11 1897*

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

\*State if Certificate is required \_\_\_\_\_

Committee's Minute *TUES. 14 DEC 1897*

Assigned *B.S. 12.97*

FRI. 6 MAY 1893

TUES. 9 AUG 1898

Lloyd's Register Foundation

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