

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

(Received at London Office THUR 25 MAY 1899)

Date of writing Report *May 24<sup>th</sup> 99* when handed in at Local Office *London* is *London* Port of *London*

No. in Reg. Book *45* Survey held at *London* Date, First Survey *1<sup>st</sup> May* Last Survey *May 24<sup>th</sup> 1899*

*H.S.* on the Machinery of the *Wood, Iron or Steel* *S.S. Rakia* Master *Sutcliffe*

Tonnage Gross *5628* Net *3660* Vessel built at *Newcastle* By whom *R.W. Hawthorn Leslie & Co* When *1895* MONTH *6*

Registered Horse Power *491* Engines made at *New Zealand S. Co. Ltd* When *1895* Boilers, when made (Main) *1895* (Donkey) *1895*

No. of Main Boilers *1* Owners *New Zealand S. Co. Ltd* Port *Plymouth* Voyage *New Zealand*

No. of Donkey Boilers *1*

Steam Pressure—  
in Main Boilers *160 lb* If Surveyed Afloat or in Dry Dock *Afloat in Green Dry Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boilers *90*

Last Survey No. *L.M.C.* Port *L.M.C.*

Particulars of Examination and Repairs (if any) *L.M.C.*

(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 it is 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? *160 lb*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes.* To what pressure were they afterwards adjusted under steam? *80 lb.*

Has 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? *1/8"*

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

*Now done:— Cylinders Pistons Slide Valves Tramps, Contours and the Crank, Thrust, Immel Shafting renewed, examined Propeller Stern-bush and outside fastenings of the Sea Connection examined.*

*Main Boilers examined throughout Two Furnace Crowns in the Port Wing Boilers out of Form.*

*Repairs:— The above Furnaces set-up fair in place. Examined Donkey Boiler internally & externally and Safety valves Repairs, due to wear steam Six gusset stays renewed. Safety valves adjusted under steam as above.*

General Observations, Opinion, and Recommendation:—

(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. 9,97, B.&M.S. 9,97 or L.M.C. 9,97, &c.)

*The Machinery of this vessel is in good order and in our opinion eligible to remain as classed with fresh record of L.M.C. 5-99*

Office or Registration Fee (per Sec. 27) £ *5:10:0*

Survey Fee (per Section 28) £ *11:0*

Special Damage Fee (per Section 28) £ *4:19:0*

Travelling Expenses (if chargeable) £ *15:7:6*

Date if Certificate is required *15*

Fees applied for *25:5:18 99*

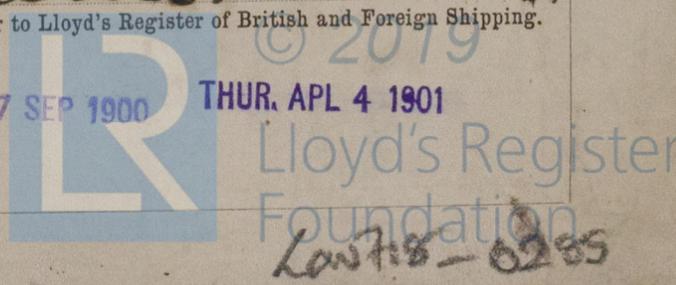
Received by me, *D. Atcher* 15/6 18 99

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

Committee's Minute *B.S. 5-99*

Assigned *B.S. 5-99*

FRI. 26 MAY 1899 TUES. 10 APR 1900 FRI. 7 SEP 1900 THUR. APR 4 1901



Report sent

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

\*Certificate to be sent to

Engines examined

Main + Boilers examined

Two furnaces found out of form now found.

It is submitted that this vessel is eligible for THE RECORD.

B.S. 5. 99 and will be eligible for + E.M.C. 5. 99 when the Screw Shaft and Sea Cocks have been examined

A.C.H.

25. 5. 99.

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.

*[Faint, mostly illegible handwritten text in cursive script, written vertically in columns across the page.]*

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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