

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

(Received at London Office

TUES. 29 NOV 1898

Date of writing Report *26th Nov 1898* When handed in at Local Office *28th Nov 1898* Port of *London*
 No. in Reg. Book *212* Survey held at *London* Date, First Survey *10th Oct 1897* Last Survey *24th Nov 1898*
on the Machinery of the Wood, Iron or Steel *J. S. Electra* Master *Smith*
 Tonnage Gross *1219* Net *656* Vessel built at *Glasgow* By whom *A. Napier & Sons* When *1885* YEAR. MONTH.
 Registered Horse Power *220* Engines made at *"* When *'85* Boilers, when made (Main) *'85* (Donkey) *'85*
 No. of Main Boilers *2* Owners *Eastern Ind. Co. Ltd* Port *London* Voyage *Am-Frich*
 No. of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *Afloat in Green's Dry Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure in Main Boilers *85 lbs* in Donkey Boilers *65*

Last Survey No. Port

Particulars of Examination and Repairs (if any) *D. S.*

(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? *85 lbs*Did the Surveyor examine the Safety Valves of Donkey Boiler? *yes.*To what pressure were they afterwards adjusted? *62*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? *'8"*If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? *Complete.*

How done: - Main Boilers examined in every part. Found Tubes defective. Several Screwed Stays weakened by corrosion and two patches on Shell bottoms leaking.

Repairs to Main Boilers how done: - All plain and fire stay tubes renewed. Twenty Five Screwed Stays renewed the defective patches removed and replaced by larger patches. Test-holes drilled in internal plating show satisfactory thickness. After Repairs these boilers tested by water pressure to 120 lbs and found good.

Donkey Boiler examined same found to be in fair order. Test-holes drilled show satisfactory thickness.

Repairs to Donkey Boiler: - Eight Screwed Stays renewed. This Boiler has been tested by water pressure to 100 lbs per square inch.

Propeller Stern-bush and outside fastenings of sea connections examined & found in good condition.

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. 9,95, B.&M.S. 9,95 or S.L.M.C. 9,95, 140 lb., F.D., &c.)

The Machinery of this vessel so far as I have seen, is in good order and in my opinion eligible to remain as classed with fresh record of B.S.-11-98

Office or Registration Fee (per Sec. 27) £ *2* : *4* : *0*
 Survey Fee (per Section 28) £ *1* : *10* : *0*
 Special Damage Fee (per Section 28) £ *1* : *16* : *0*
 Travelling Expenses (if chargeable) £ *1* : *16* : *0*

Fees applied for

8/12 98

18

Received by me

19/12/98

18

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

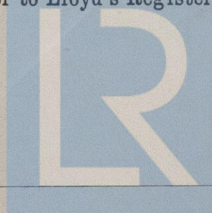
*State if Certificate is required

Committee's Minute

Assigned

FRI. 9 DEC 1898

FRI. 17 FEB 1899



Lloyd's Register Foundation

LON717-0104

Modest repairs to Main Boilers

also to Donkey Boiler. Mean & Sea

It is submitted that
this vessel is eligible for
THE RECORD. B.S. 11.98.

A.C.H.

8.12.98.

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.



© 2019

Lloyd's Register
Foundation