

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

(Received at London Office)

Date of writing Report *20 Dec 1895* When handed in at Local Office *21 Dec 1895* Port of *London*  
 No. in Reg. Book *190* Survey held at *London* Date, First Survey *27 Nov 1895* Last Survey *27 Dec 1895*  
*on the Machinery of the Wood, Iron or Steel* *S.S. "Electra"* Master *H.S. Smith*  
 Tonnage { Gross *1219* Net *656* Vessel built at *Glasgow* By whom *R. Nohrie & Co.* When *1885*  
 Registered Horse Power *220* Engines made at *When 85* Boilers, when made (Main *85* (Donkey) *85*)  
 No. of Main Boilers *2* Owners *Eastern Tel. Co. Ltd* Port *London* Voyage *Not Fixed*  
 No. of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *afloat in W.I. 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 lbs*

Last Survey No. *482* Port *MTA*  
 Particulars of Examination and Repairs (if any) *Annual Boiler Survey 20 Dec 1895*  
 (Periodical Surveys, when held, must be reported in detail and serially 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? *no*  
 And what parts of the Boilers could not be thus thoroughly examined? *no*  
 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? *yes*  
 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? *65 lbs*  
 Has the propeller shaft been drawn and examined at this time? *no*  
 If the Survey is not complete state what arrangements have been made for its completion? *Survey complete*

*Now done: Main Boiler examined and found to be generally in Satisfactory Condition.  
 Donkey Boilers examined. Shell and Furnace Rating now drilled for minor found damage 13/32 and latter 7/16 in thickness. This Boiler tested by hydraulic pressure to 97 lbs per square inch and found Satisfactory.*

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. 191, B.M.S. 191 or L.M.C. 191, 140 lb., F.D., &c.)  
*The Machinery so far as has been seen, and the Boilers of this vessel are in Satisfactory Condition and in my opinion eligible to remain as classed, till fresh record of 12.12.95*

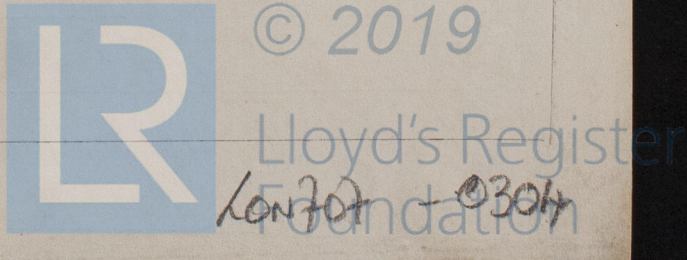
Office or Registration Fee (per Sec. 27) £ : :  
 Survey Fee (per Section 28) £ 2 : :  
 Special Damage Fee (per Section 28) £ - 4 : -  
 Travelling Expenses (if chargeable) £ : :  
 Fees applied for *24/12/1895*  
 Received by me, *J. Ritchie*  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

\*State if Certificate is required  
 Committee's Minute *FRI. DEC 27 1895*  
 Assigned *BS 12.95*  
 MACHINERY Certificate WRITTEN.

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

See Certificate to be sent to

16-LRPB-Report No. 9-Transfer Ink-5,000, 3/4 95.  
 (The Surveyor is requested not to write on or below the space for Committee's Minute.)



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

B. S. 12. 95

ms.  
24. 12. 95

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 shew through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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