

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

(Received at London Office) SAT. 5 SEP 1896

Date of writing Report 4 Sept 1896 When handed in at Local Office 4 Sept 1896 Port of London

No. in Reg. Book 201 Survey held at London Date, First Survey 21 May Last Survey 4 Sept 1896

on the Machinery of the Wood, Iron or Steel S.S. "Electra" (No. of Visits 4) Master H.S. Smith

Tonnage Gross 1219 Net 656 Vessel built at Glasgow By whom R. Phipps & Sons 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 Telegraph Co. Ltd Port London Voyage to India

No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Afloat in Green's Dry Dock

Steam Pressure in Main Boilers 85 lb in Donkey Boilers 85 lb

Last Survey No. 57275 Port Don

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.	Letters Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+100A1. 9.93</u>		<u>+L.M.C. 6.93</u>
<u>along dk with jhs</u>		<u>135.12.95</u>
<u>S.S. 102.93</u>		

Particulars of Examination and Repairs (if any)

(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? 65 lbs

Has the propeller shaft been drawn and examined at this time? yes.

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

Now done: Cylinders Pistons Slide Valves, all Pumps and the Condenser examined. Tail Shaft drawn in and with crank. Thrust & Tumbrel Shafting examined, all sea connections examined. Propeller stem-bush and outside fastenings, open connections examined.

Main Boilers examined and found to be generally in good condition. Donkey Boilers also examined and found to be in fair order.

All Boilers tried under steam and their Safety Valves found loaded as above.

Main Engines satisfactorily tried under steam in ports.

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 L.M.C. 9.95, 140 lb., F.D., &c.)

The machinery of this vessel is in good condition and, in my opinion, eligible to remain as classed with fresh record of

+L.M.C. 9.96

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for
Survey Fee (per Section 28).....	£	5	10	<u>8/9/ 1896</u>
Special Damage Fee (per Section 28).....	£	4	10	
Travelling Expenses (if chargeable).....	£	:	:	Received by me, <u>21/9/96</u>

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

*State if Certificate is required ✓

Committee's Minute FRI. 11 SEP 1896

Assigned + L.M.C. 9.96



Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

Certificates to be sent to: The Surveyors are requested not to write on or below the space for Committee's Minute.

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