

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

(Received at London Office **WED. 7 JUN 1893**)

Date of writing Report *June 6* 18 *93*. When handed in at Local Office is *London*. Port of *London*.

No. in Reg. Book. *1886* Survey held at *London*. Date, First Survey *May 11*. Last Survey *June 5 18 93*.  
(No. of Visits *18*)

on the Machinery of the *Wood, Iron or Steel* **S.S. "ELECTRA"** Master *H. S. Smith*.  
YEAR. MONTH. *1885. 1.*

Tonnage { Gross *1219* Vessel built at *Glasgow*. By whom *A. Napier & Sons*. When *1885*.  
Net *656*. Engines made at *Do*. Boilers, when made (Main) *1885* (Donkey) *1885*

Registered Horse Power *200*. Owners *Eastern Telegraph Co*. Port *London*. Voyage *Do*.  
No. of Main Boilers *Two*. If Surveyed Afloat or in Dry Dock *S.W. India Dock & Dry Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure in Main Boilers *85 lbs*.  
in Donkey Boiler *65 lbs*.  
Last Survey No. *S.P. No 2*. Port *Do*.

Particulars of Examination and Repairs (if any) *S.P. No 2*.  
CHARACTER.  for Special Survey. Date of last Survey and of Periodical Surveys. Years Assigned and when expired. Machinery and Boiler Surveys (including date of N.B. if any).  
*100 A.1. 6.92. SS. LON No. 59.* *LM.C. 6.89. B.S. 12.92.*

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? *-*

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? *Yes*

Did the Surveyor examine the Safety Valves of the Main Boiler? *not yet adjusted*

At what pressure were they afterwards adjusted under steam? *Yes*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *not yet adjusted*

To what pressure were they afterwards adjusted? *-*

If the Survey is not complete state what arrangements have been made for its completion? *Vessel at present laid up; Owners will advise when steam will be raised to adjust valves.*

*Examined Main & Donkey boilers internally & externally & safety valves all found to be in good condition, with the exception of the front end of the centre furnace of the port boiler, which was corroded at the bottom. The bad part was cut out & a strong patch satisfactorily riveted on.*  
*Examined cylinders, pistons, slide valves, pumps & condensers, crank shaft & tunnel shafting, sea & bridge connections, roses & sluices, propeller & sea connection's fastenings. A new propeller was fitted; all now in good condition.*

*To complete the survey. All the safety valves to be adjusted under steam.*

General Observations, Opinion, and Recommendation:— *This vessel's machinery is now in good condition & in my opinion the vessel is eligible to remain as classed. & have notification **LM.C. 5.93.** recorded in the Register book. Subject to the survey being completed.*

Office or Registration Fee (per Sec. 27) £ : : Fees applied for *15/7/93*  
Survey Fee (per Section 28) £ *5 0 0*  
Special Damage Fee (per Section 28) £ : :  
Travelling Expenses (if chargeable) £ : :  
Received by me, *25/7/93* *Em Salmon*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

\*State if Certificate is required  
Committee's Minute **TUES. 18 JUL 1893**

Assigned *Deferred for completion*  
**TUES. 15 AUG 1893** Lloyd's Register Foundation  
LON699-0272

The Surveyors are requested not to write on

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