

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

(Received at London Office **WED. 8 DEC 1897**)

Date of writing Report *Dec 7th* 18 *97* When handed in at Local Office 18 *97* Port of *London*.

No. in Reg. Book *650* Survey held at *London* Date, First Survey *13 Oct* Last Survey *Dec 7th 1897* (No. of Visits *5*)

650 on the Machinery of the *Wood, Iron or Steel* *P.S. Lusitania* Master *Brown*

Tonnage { Gross *3912* Net *2518* Vessel built at *Birkenhead* By whom *Laird Bros.* When *1871* YEAR. MONTH. *6*

Registered Horse Power *638* Engines made at *Asst.* When *1886* Boilers, when made (Main) *1886* (Donkey) *1886*

No. of Main Boilers *4* Owners *Orient Steam Nav. Co. Ltd. Port Liverpool.* Voyage *Australia.*

No. of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *Liberty D. & Dry Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure— in Main Boilers *150lbs* in Donkey Boilers *100lbs*

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) *B.S. & Donkey.* *A.1. 1. 6. 97.* *L.M.C. 1. 96.*

(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.)

6th Sur. La. 1. 96 *B.S. 1. 97.* *H.N.B. 4. 86.*

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? *150lbs.*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes* To what pressure were they afterwards adjusted? *100lbs.*

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.*

Examined Main & Donkey Boilers internally and externally and Safety valves, also propeller, stem bush, & sea connections & fastenings, all in good condition.

Safety valves adjusted under steam as stated above.

General Observations, Opinion, and Recommendation: *This vessel's Boilers and Engines as far as seen are now in good condition. In my opinion the vessel is eligible for the record B.S. 12. 97.*

(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.)

Office or Registration Fee (per Sec. 27) £ : : Fees applied for *8/12 18 97*

Survey Fee (per Section 28) £ *3 : 0 : 0* Received by me *Em Salmon*

Special Damage Fee (per Section 28) £ *2 : 14 : 0* *23*

Travelling Expenses (if chargeable) £ : : _____

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

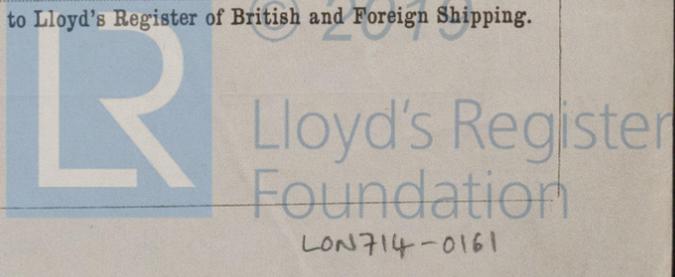
*State if Certificate is required _____

Committee's Minute _____

Assigned *B.S. 12. 97* **FRI. 10 DEC 1897**

The Surveyors are requested not to write on or below the space.

Insert Character of Ship and Machinery precisely as in the Register Book. *Certificate to be sent to



*It is submitted that
this vessel is eligible for
THE RECORD. B.S. 12-97.*

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.

*W.S.
8.12.97*

1.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation