

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

Date of writing Report *5th March 1896* When handed in at Local Office *6th March 1896* Port of *London* (Received at London Office *SAT, MAR 7 1896*)

No. in Reg. Book. *977* Survey held at *London* Date, First Survey *19 Feb'y* Last Survey *3rd March 1896*

on the Machinery of the *Wood, Iron or Steel* *S.S. Atlantis* Master *Smith* (No. of Visits *5*)

Tonnage { Gross *1426* Net *916* Vessel built at *Glasgow* By whom *J. G. Thomson* When *1884* YEAR. MONTH. *6*

Registered Horse Power *144* Engines made at *"* When *84* Boilers, when made (Main) *84* (Donkey) *84*

No. of Main Boilers *1* Owners *Scrutton & Sons* Port *London* Voyage *West Indies*

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

Steam Pressure in Main Boilers *90 lbs* in Donkey Boilers *30 lbs*

Last Survey No. *100A1* Port *London* Particulars of Examination and Repairs (if any) *Boiler Survey*

(Periodical Surveys, when held, must be reported in detail and verbatim 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? *90 lbs*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *yes*

To what pressure were they afterwards adjusted? *30 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*

None done: - Main Boiler examined. Hole drilled in Cornish chamber flating. Thickness found satisfactory. This Boiler is generally in fair condition for the above working pressure.

Donkey Boiler examined. Shell flating found to be weakened by corrosion and 1/4" thick only where drilled. A riveted patch now put on Furnace Crown.

Doing to the condition of this Donkey Boiler the pressure has now been reduced to 30 lbs per square inch. The Owner's representative states that a new Donkey Boiler will be fitted on board on vessel's return to London.

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. 4, 94, B.M.S. 4, 94 or L.M.C. 4, 94, 140 (M, F.D., &c.)

The Machinery so far as now seen, and the Boilers of this vessel are in good condition and in my opinion eligible to remain as classed with fresh record of B.S. 2.96 Subject to the Donkey Boiler pressure being reduced as above and a new Donkey Boiler being fitted as proposed.

Office or Registration Fee (per Sec. 27) £ *1:10* Fees applied for *7/31/96*

Survey Fee (per Section 28) £ *1:10* Received by me *10/31/96*

Special Damage Fee (per Section 28) £ *1:10*

Travelling Expenses (if chargeable) £ *1:10*

*State if Certificate is required

Committee's Minute *TUES. MAR 10 1896* Assigned *B.S. 2.96*

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

Certificate to be sent to

10-LRPH-Report No. 9-Transfer Ink-5,000, 3/4/96.