

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

(Received at London Office)

Date of writing Report *7 Feb'y 1896* When handed in at Local Office *8 Feb'y 1896* Port of *London*

No. in Reg. Book. *677* Survey held at *London* Date, First Survey *14 May 1895* Last Survey *7 Feb'y 1896*

on the Machinery of the *Wood, Iron or Steel* *T.S. "British Empire"* Master *H. Mels.*

Tonnage { Gross *3020* Net *1971* Vessel built at *Belfast* By whom *Harland & Wolff.* When *1889* YEAR. MONTH. *4*

Registered Horse Power *305* Engines made at *"* When *89* Boilers, when made (Main) *89* (Donkey) *89*

No. of Main Boilers *1* Owners *British Shipowners Co. Ltd.* Port *Liverpool* Voyage *Boston*

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

Steam Pressure—*180 lb* in Main Boilers *70* in Donkey Boilers

Last Survey No. *28* Port *London*

Particulars of Examination and Repairs (if any) *Damage. ±100 Al. 8'95 + Lucc. 3'93*

(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? *"*

Did the Surveyor examine the Safety Valves of the Main Boiler? *yes.*

At what pressure were they afterwards adjusted under steam? *180 lb*

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

To what pressure were they afterwards adjusted? *70 lb*

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? *"*

No done in account of damage by proceeding on 24/11 and 28/12/95 - Voyage London - Boston S.A. - H. T. Cylinder and Piston and Slide examined new H.P. Piston Rings now fitted Propeller Stern-bush Sea Connections & their fastenings examined Tail Shaft drawn in and with Crank Pin & Pinnet Shafting examined & found good. Pumps & Condenser examined Tubes drawn from latter cleaned and replaced. Night repairs done to main and Bilge Injection Valves. Main Boilers examined. Night Leakages Caulked in bottom seams of shells and three defective Patches in Combustion Chamber removed and replaced by larger patches. These Boilers tested to work water pressure after repairs and found good.

Donkey Boiler examined. Several screwed stay, renewed in back plating of Combustion Chamber, and Night Caulking done to bottom seams of shell. Boiler tested to work water pressure.

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 H.P., F.D., &c.)

*The Machinery and Boilers of this vessel are in good order and in my opinion eligible to remain as classed with fresh record of *B.S. 2.96**

Office or Registration Fee (per Sec. 27) £ *2* Fees applied for *11/21 1896*

Survey Fee (per Section 28) £ *2*

Special Damage Fee (per Section 28) £ *4.4*

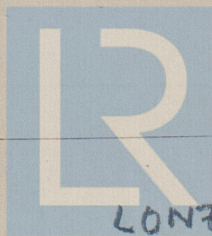
Travelling Expenses (if chargeable) £ *0.12* Received by me, *13/2 1896*

*State if Certificate is required *5.12.0*

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

Committee's Minute *FRI. FEB 14 1896*

Assigned *B.S. 2.96*



© 2019

Lloyd's Register
Foundation