

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

Date of writing Report *Dec 18* 1894 When handed in at Local Office *18* Port of *London*
 No. in Reg. Book. *843* Survey held at *London* Date, First Survey *Dec 10* Last Survey *Dec 15* 1894
 on the Machinery of the *Wood, Iron or Steel* *SS "BRITANNIA"* Master *Sigman*
 Tonnage Gross *949* Net *822* Vessel built at *Sunderland* By whom *Shart Bros* When *1877* 10.
 Registered Horse Power *98* Engines made at *Do* When *1877* Boilers, when made (Main) *1877* (Donkey) *1889*
 No. of Main Boilers *1* Owners *J. G. Beasley & Son* Port *Sunderland* Voyage *Crossing*
 No. of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *J. Newton's Works* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure in Main Boilers *70 lbs* (State name of Dock.) *Wharf*
 in Donkey Boilers *65 lbs*

Last Survey No. *5313* Port *London*
 Particulars of Examination and Repairs (if any) *B.S.*

(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? *not yet adjusted.*
 Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes*
 To what pressure were they afterwards adjusted? *45 lbs.*

If the Survey is not complete state what arrangements have been made for its completion? *Job completed on vessel's return to this port in about 2 weeks time.*

Examined Main & Donkey Boilers internally & externally & Safety valves. Found thirteen screwed stays in the Main Boiler wasted & a patch on the circumferential seam on the bottom of the boiler leaking. The wasted stays have now been renewed, & the leaking patch has been cut off & a new patch fitted.

To complete the survey, the safety valves of the Main Boiler are adjusted under steam.

General Observations, Opinion, and Recommendation:— *This vessel's boilers are now in*

(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 lb., F.D., &c.)

safe condition & in my opinion the vessel will be eligible for record B.S. 12, 94 when the survey has been completed.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for *21/12/1894*
 Survey Fee (per Section 28) £ *1* : *10* : *0*
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 Received by me *24/1/95*
 *State if Certificate is required

Committee's Minute *THURS. 27 DEC 1894*
 Assigned *Asman* *FRI 22 FEB 1895*
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.