

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

No. 2971

Date of writing Report *August 18th 94* When handed in at Local Office *is* Port of *Hamburg*
 No. in Reg. Book *28* Survey held at *Hamburg* Date, First Survey *August 15th* Last Survey *August 14th 1894*
 on the Machinery of the *Wood, Iron or Steel* *S. 3 Met. S. 'Bakuin'* Master *C. T. Beyer*
 Tonnage { Gross *1669* Vessel built at *W. Harlepool* By whom *W. Gray & Co.* When *1886* Boilers, when made (Main) *1886* (Donkey) *1886*
 Registered Horse Power *200* Engines made at *W. Hpl.* Owners *Phoebus Transport & Storage Co.* Port *London* Voyage *Batoum*
 No. of Main Boilers *2* If Surveyed Afloat or in Dry Dock *afloat* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 No. of Donkey Boilers *1* Steam Pressure in Main Boilers *150 lbs.* in Donkey Boilers *40 lbs.*

Last Survey No. *1-90* Port *Hpl.*
 Particulars of Examination and Repairs (if any) *Part S.S. No. 2*

(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 summarized at the end of the report. State also the dates and initials of any letters respecting this case. *Plan. Rep. No. 2942 & 2943.*

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Yes*
 Do. " Donkey *No*
 If this was not done, state for what reasons? *The Donkey Boiler was used all the time*
 And what parts of the Boilers could not be thus thoroughly examined? *Main Boilers under steam, Donkey Boiler inside & under steam.*
 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? *under steam.*
 Did the Surveyor examine the Safety Valves of the Main Boiler? *No*
 At what pressure were they afterwards adjusted under steam? *No*
 Did the Surveyor examine the Safety Valves of Donkey Boiler? *No*
 To what pressure were they afterwards adjusted?
 If the Survey is not complete state what arrangements have been made for its completion? *Will be completed here next voyage.*

I examined the cylinders and pistons and found them in good order. Air- and circulating, feed and bilge pumps and pipe connections in good condition as well as condenser.
I examined the Main Boilers inside and outside and found them throughout satisfactory.
For completion of the Survey it remains to examine: The slide valves, crank shaft, thrust shaft & block main Boilers under steam and their safety valves, Donkey Boiler and its safety valve inside & under steam.

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. 404, B.A.M.S. 404 or S.I.M.C. 404, 140 lb., F.D., &c.)
With regard to the parts examined I beg to recommend that 'S.I.M.C.' be recorded, but that the case be deferred until a satisfactory Report has been received on the completion of the Survey.

Office or Registration Fee (per Sec. 27) £ *10. 0* Fees applied for
 Survey Fee (per Section 28) £ *4. 4. 0* *7/2 18 94*
 Special Damage Fee (per Section 28) £ *14. 14. 0*
 Travelling Expenses (if chargeable) £ *19/2 18 94*
 Received by me, *M. B. Beyer*
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
 *State if Certificate is required *No.*
 Committee's Minute *FRIDAY 24 AUG 1894*
 Assigned *Deferred* *FRIDAY 12 OCT 1894*