

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

THUR, JUL 30 1896

(Received at London Office)

Date of writing Report 18. 96 When handed in at Local Office 18. Port of London  
No. in Reg. Book. Survey held at London Date, First Survey 17 July Last Survey 28 July 1896  
1092 on the Machinery of the ~~Wood~~, Iron or Steel S.S. "Bismarck" Master ~~W. H. H.~~  
Tonnage { Gross 744 Net 461 Vessel built at London By whom W Walker & Co When 1882-10  
Registered Horse Power 95 Engines made at Dundee When 1882 Boilers when made (Main) 1882 (Donkey) 1882  
No. of Main Boilers one Owners General Steam Nav Co Port London Voyage Rotterdam  
No. of Donkey Boilers one  
Steam Pressure in Main Boilers 75 lbs Surveyed Afloat & in Dry Dock Deptford  
in Donkey Boilers 52 lbs (State name of Dock.)

Last Survey No. Port  
Particulars of Examination and Repairs (if any) Condition & B.S. +90 A. 4.93  
(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.)

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+90 A. 4.93		+Lm C 4.93 B.S. 7.95
S.S. Lm No 3. 4.93		

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? flow 75 lbs  
Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes  
To what pressure were they afterwards adjusted? flow 52 lbs  
No  
Has the propeller shaft been drawn and examined at this time?   
If the Survey is not complete state what arrangements have been made for its completion?

Vessel placed in Dry Dock. Examined Propeller, Bush and all sea connection fastenings & found them satisfactory  
Examined Main and Donkey Boilers externally and internally & found them in fair condition  
Examined all safety valves; Main satisfactory, Donkey valve & seat trued up.  
Main Funnel renewed.  
Examined Main & Donkey Boilers under steam and adjusted safety valves to working pressures.

General Observations, Opinion, and Recommendation: The Machinery of this vessel is now in a safe working condition & eligible in my opinion to have B.S. 7.96 Recorded in the Register of this Society  
(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. 9.05, B.&M.S. 9.05 or L.M.C. 9.05, 140 lb., F.D., &c.)

Fee or Registration Fee (per Sec. 27) £ 1 10 0  
Survey Fee (per Section 28) £ 3 0  
Damage Fee (per Section 28) £ 1 7 0  
Other Expenses (if chargeable) £  
Fees applied for 30 7 1896  
Received by me, Thomas R Blackie  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI, JUL 31 1896  
Signed B.S. 7.96  
Lloyd's Register Foundation