

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

(Received at London Office)

AUG 1893

Date of writing Report July 31 1893 When handed in at Local Office London Port of London  
No. in Reg. Book 372 Survey held at London Date, First Survey July 10 Last Survey July 31 1893  
on the Machinery of the Wood, Iron or Steel S.S. BINNIE Master Roberts  
Tonnage { Gross 1001 Vessel built at Barnes By whom Naval Const. Co. Ltd. When 1892 Boilers, when made (Main) 1892 (Donkey) 1892  
Net 595 Engines made at Do. When 1893  
Registered Horse Power 160 Owners London County Council Port London Voyage —  
No. of Main Boilers Two If Surveyed Afloat or in Dry Dock Millwall Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
Steam Pressure in Main Boilers 150 lbs Water Dock  
No. Donkey Boiler —

Last Survey No. — Port —  
Particulars of Examination and Repairs (if any) S.S.  
(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 " " No  
If this was not done, state for what reasons? No Donkey boiler fitted.  
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? 150 lbs per sq"  
Did the Surveyor examine the Safety Valves of Donkey Boiler? —  
To what pressure were they afterwards adjusted? —  
If the Survey is not complete state what arrangements have been made for its completion? Completed.

Examined Main Boilers internally & externally & Safety valves, all found to be in good condition except the furnaces which were slightly collapsed. These have now been set back to their original form.  
Examined Cylinders, Pistons, Slide Valves, Pumps & Condensers, Crank Shaft, Tunnel & Propeller shafting, propellers, Stem bushes & sea & bilge connections. New cast iron Stem bushes now fitted, otherwise all in good condition.  
The Safety valves were afterwards adjusted under steam to lift at 150 lbs pressure per sq"

General Observations, Opinion, and Recommendation:— This vessels machinery is now in good condition & in my opinion the vessel is eligible to remain as classed & have record L.M.C. 7. 93 recorded in the Register book.  
(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 9.92, B.&M.S. 9.92 or L.M.C. 9.92, as the case may be.)

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 2/8 1893  
Survey Fee (per Section 28) £ 4 10 0  
Special Damage Fee (per Section 28) £ : :  
Travelling Expenses (if chargeable) £ : :  
Received by me, PLM  
1/11 1893

\*State if Certificate is required —  
Committee's Minute FRI 4 AUG 1893  
Assigned + L.M.C. 7. 93  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping. Em. Salmon.



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

16-LRFP-Form No. 9—Transit Fee—10/600, 20/1,250.  
(The Surveyors are requested not to write on or below the space for Committee's Minute.)

Insert Character of Ship, and Machinery precisely as in the Register Book.



It is submitted that  
this vessel is eligible for  
THE RECORD + LMC. 7.93-

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

on account of wear & tear,  
moderate repairs have been  
done to this vessel's  
machinery & boilers —

2/8/93-

