

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

(Received at London Office)

WED. 7 OCT 1899

Date of writing Report 3 Oct 1899 When handed in at Local Office 18 Port of London  
 No. in Reg. Book. Survey held at London Date, First Survey 19 Sept Last Survey 3 Sept 1899  
63 on the Machinery of the Wood, Iron or Steel S.S. "Bolderaa" Master J. Fletcher  
 Tonnage Gross 1655 Net 965 Vessel built at Sunderland By whom J. Laing When 1884 - 2  
 Registered Horse Power 143 Engines made at Sunderland When 1884 Boilers, when made (Main) 1884 (Donkey) 1896  
 No. of Main Boilers 2 Owners Paul & Shellshear Port London Voyage Baltic  
 No. of Donkey Boilers 1 Surveyed Afloat in Dry Dock Milwall & Nelson Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 Steam Pressure 80 lbs in Main Boilers 80 lbs in Donkey Boilers 80 lbs

Last Survey No. PortParticulars of Examination and Repairs (if any) Damage & B.S.

(Periodical Surveys, when held, must be reported in detail and seriatim 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? YesDo. " Donkey " " " YesIf 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? YesTo what pressure were they afterwards adjusted under steam? Flow 80 lbsDid the Surveyor examine the Safety Valves of Donkey Boiler? YesTo what pressure were they afterwards adjusted under steam? Flow 78 lbsHas the propeller shaft been drawn and examined at this time? NoIf spare propeller shaft fitted, state whether new? ✓State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? 1/16"If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete

Damage sustained in River Thames through Propeller striking some object on the 17<sup>th</sup> September 1899.

Vessel placed in dry dock. Examined propeller, found all four blades nicked in places & bent, these blades have been chipped & straightened. Stern Bush & all fastenings satisfactory. Examined Crank, Tunnel & Thrust Shafting & found satisfactory. Examined Main Boilers externally & internally & found them in good condition. All Manhole doors found slack & now renewed. Safety valves examined & satisfactory. Examined Donkey Boiler externally & internally & found it in good condition. Examined Safety Valve - Valve renewed & slackened up. Examined Main & Donkey Boilers under steam & adjusted Safety valves to flow at working pressures.

General Observations, Opinion, and Recommendation: The Machinery of this vessel,

(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, 97, B.&M.S. 9, 97 or L.M.C. 9, 97, 140 lb., F.D., &c.)

as far as seen, is now in a safe working condition and eligible in our opinion, to have B.S. 9. 99. Recorded in the Register of the Society.

Office or Registration Fee (per Sec. 27) £ 2 : 0 : 0  
 Survey Fee (per Section 28) £ 2 : 2 : 0  
 Special Damage Fee (per Section 28) £ 4 : 0 : 0  
 Travelling Expenses (if chargeable) £ 1 : 18 : 0  
 Fees applied for 10/10 18 99  
 Received by me, 11. 10 18 99  
Sat 11

State if Certificate is required

Committee's Minute

Assigned B.S. 9. 99

J. W. Blackie & J. P. Atterton  
 Engineer Surveyors to Lloyd's Register of British and Foreign Shipping.



Lloyd's Register  
 Foundation

2019-0367



On account of damage -

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 to cause it to show through to the other side.

Propeller repaired. Crank pin & nut  
turned & chattering examined.  
Slight repairs to boilers.

It is submitted that  
this vessel is eligible for  
THE RECORD. B.S. 4. 99.

fm  
10/10/99

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



© 2019

Lloyd's Register  
Foundation