

Report of Survey for Repairs, &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. 163 Survey held at London Date, First Survey 19 Sept Last Survey 3 Sept 1899

163 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 Steam Pressure in Main Boilers 80 lbs in Donkey Boilers 80 lbs Surveyed Afloat in Dry Dock Milwall & Nelson Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+ A1*1</u>	<u>6.99.</u>	<u>M.S. 5.96</u>
		<u>B.S. 7.98</u>
		<u>N.B. 96.</u>
	<u>3rd Luny Act</u>	<u>11.96</u>

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) Damage & B.S.

(Periodical Surveys, when held, must be reported in detail and serialim 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 To what pressure were they afterwards adjusted under steam? Blow 80 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? Blow 78 lbs

Has the propeller shaft been drawn and examined at this time? No If 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 17th 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 & slab trued up. Examined Main & Donkey Boilers under steam & adjusted Safety valves to blow at working pressures.

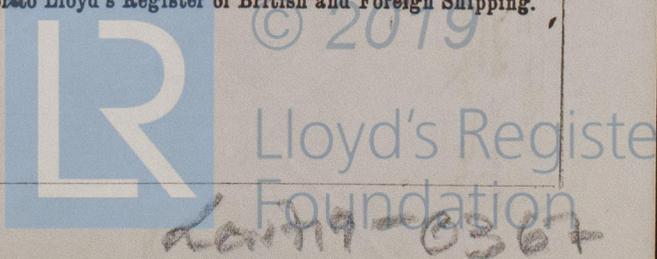
General Observations, Opinion, and Recommendation: The machinery of this vessel, as far as seen, is now in a safe working condition and eligible in our opinion, to have B.S. 9.99. Recorded in the Register of the Society.

Office or Registration Fee (per Sec. 27)..... £	:	:	Fees applied for
Survey Fee (per Section 28)..... £	2	0	10/10 18 99
Special Damage Fee (per Section 28)..... £	2	2	Received by me,
Travelling Expenses (if chargeable)..... £	1	18	11.10 18 99
			Satt 11

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

Committee's Minute FRI. 13 OCT 1899

Assigned B.S. 9.99



If so, is the Report sent now, or when will it be sent?

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

*Certificate to be sent to

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 & checked & examined.
Slight repairs to boiler*

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

*WMS
10/10/99*

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation