

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

(Received at London Office **ERI 22 FEB 1895**)

Date of writing Report Feb. 20 1894 When handed in at Local Office 18. London Port of London

No. in Reg. Book. Survey held at London Date, First Survey Jan 16 Last Survey Feb 14 1895

450 on the Machinery of the Wood, Iron or Steel S.S. BLUE BELL Master Walker

Tonnage { Gross 562 Net 344 Vessel built at St. Glasgow By whom Dunlop & Co. When 1892 Boilers, when made (Main) 1892 (Donkey) 1892

Registered Horse Power 96 Engines made at St. Owners (Lawer, Sons & Coles) Port London Voyage Antwerp

No. of Main Boilers 1 No. of Donkey Boilers 1 Steam Pressure in Main Boilers 160 lbs If Surveyed Afloat or in Dry Dock Brodie's Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boilers 80 lbs

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any) Damage

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned for special survey.	Machinery and Boiler Surveys (including date of N.B., if any).
<input checked="" type="checkbox"/> 100 A.1. 10-94.		<input checked="" type="checkbox"/> L.M.C. 5-92.

(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? No

Do. " Donkey " " " " No

If this was not done, state for what reasons? Survey not due

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? No

At what pressure were they afterwards adjusted under steam? \_\_\_\_\_

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? Completed.

Examined cylinders Pistons Slide Valves, Pumps & Condenser, Shafting, Propeller & propeller shaft, Stem bush & Sea connections

Found wood in stem bush worn down, propeller blades broken, white metal run out of plummer blocks & thrust shoes. A.P. cylinder worn

Repairs. Stem bush rewooded, new propeller fitted, white metal in plummer blocks & thrust shoes renewed. A.P. cylinder bored out and new junk ring fitted to A.P. piston.

This damage was stated to have been received during heavy weather & by vessel grounding.

General Observations, Opinion, and Recommendation:— This vessel's Machinery is now in good condition & in my opinion the vessel is eligible to remain as classed

(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. 494, B.A.M.S. 494 or L.M.C. 494, 140 lb., F.D., &c.)

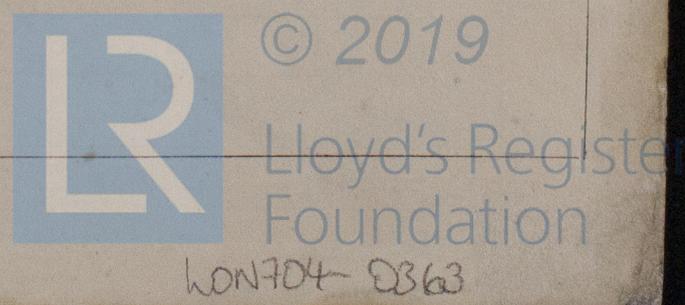
Office or Registration Fee (per Sec. 27).....	£ : : :	Fees applied for	<u>28/21</u> 18 <u>95</u>
Survey Fee (per Section 28).....	£ : : :	Received by me,	<u>9/3/95</u> 18 <u>95</u>
Special Damage Fee (per Section 28).....	£ <u>3 : 3 : 0</u>		
Travelling Expenses (if chargeable).....	£ <u>0 : 6 : 0</u>		
	<u>2 : 17 : 0</u>		

\* State if Certificate is required \_\_\_\_\_

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute \_\_\_\_\_

Assigned as now.



State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.  
 \* Certificate to be sent to  
 (The Surveyor's report is not to be written on or before the space for Committee's Minute.)  
 L.R.F.R.—Form No. 9.—Transfer Ink—5,000, 22/9/94.

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

On account of damage  
A new propeller was fitted and a few  
Minor repairs were effected to the  
Machinery

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.

It is submitted that  
this vessel is eligible to  
remain AS CLASSED.

N.A.  
26-2-95

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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