

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

FRI, 1 SEP 1899

(Received at London Office)

Date of writing Report 31<sup>st</sup> August 99 1899 When handed in at Local Office London 18 Port of London

No. in Reg. Book 90 Survey held at London Date, First Survey 11<sup>th</sup> July Last Survey 20 Aug 1899

on the Machinery of the Wood, Iron or Steel S.S. "Granda" Master W. White

Tonnage { Gross 1704 Net 1075 Vessel built at Herdeen By whom W. Russell & Co When 1888-6

Registered Horse Power 202 Engines made at Herdeen When 1888 Boilers, when made (Main) 1888 (Donkey) 1888

No. of Main Boilers 2 Owners J. Kennie & Son Port Herdeen Voyage Natal

No. of Donkey Boilers 1 Steam Pressure in Main Boilers 160 lbs in Donkey Boilers 80 lbs  Surveyed Afloat or in Dry Dock London (State name of Dock.)

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 now or expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1 - 3.99</u>		<u>1 Jul 12.96</u> <u>3.9.12.98</u>
<u>S.S. Lon 702-99</u>		

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

## Particulars of Examination and Repairs (if any) Repairs

(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? Not open for survey

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 To what pressure were they afterwards adjusted under steam? Not adjusted

Did the Surveyor examine the Safety Valves of Donkey Boiler? No To what pressure were they afterwards adjusted under steam? "

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 vite of stern bush and top of after bearing of screw shaft? ✓

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete

All screw stays to all Combustion Chamber Backs & Wing Sides now renewed - 508 in all renewed Iron

Examined Boilers on completion to 320 lbs per sq inch hydraulic test & found them tight

Iron conducting material on backs & sides renewed.

A new length of Main steam pipe fitted, exam'd same under hydraulic test to 320 lbs per sq inch and found it tight

The distinguishing mark in Register Book for material of Boilers is altered from (S) to (R)

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

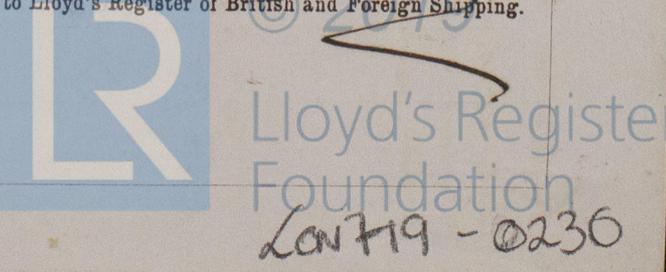
(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9, 97, B.&M.S. 9, 97 or S.L.M.C. 9, 97, 100 lb., F.D., &c.)

so far as seen, is now in a safe working condition & eligible, in my opinion, to remain as classed.

Office or Registration Fee (per Sec. 27)	Survey Fee (per Section 28)	Special Damage Fee (per Section 28)	Travelling Expenses (if chargeable)	Fees applied for
£ : :	£ : :	£ : :	£ : :	10
				Received by me,
				10

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

Committee's Minute TUES, 5 SEP 1899  
Assigned as now



Lon 719 - 0236

Repairs to Main boiler

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.

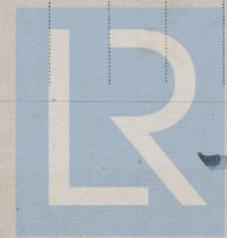
All screw stays renewed with  
iron. 1 length of main steam  
pipe renewed.

It is submitted that  
this vessel is eligible to  
remain as **CLASSED**.

Remaining  
netton for boilers  
to be allowed from  
(s) to ~~(s)~~ (s)

JMBD  
4/9/99.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



© 2019

Lloyd's Register  
Foundation