

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

(Received at London Office)

Date of writing Report July 20<sup>th</sup> 1933 When handed in at Local Office July 20<sup>th</sup> 1933 Port of London  
 No. in Reg. Book Survey held at London Date, First Survey 15-7-33 Last Survey 20-7-1933  
 (No. of Visits 2)  
37167 on the Machinery of the Wood, Iron or Steel S.S. VARDULIA  
 Tonnage { Gross 5735 Vessel built at Port Glasgow By whom Russell & Co When 1917-3  
 Net 5602 Engines made at Glenach By whom Rankin & Blackmore When 1917  
 Nominal Horse Power 564 Boilers, when made (Main) 1917 (Donkey) -  
 No. of Main Boilers 3 Owners Donaldson Line, Ltd. Owners' Address Port Glasgow Voyage Garton  
 No. of Donkey Boilers - Managers Donaldson Bros Ltd (if not already recorded in Appendix to Register Book.)  
 Steam Pressure in Main Boilers 180 Surveyed Afloat on Dry Dock Survey Donkey Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 in Donkey Boilers - (State name of Dock.)

Last Report No. 23178 Port 1916

## Particulars of Examination and Repairs (if any) PE LMC MS 6.33

(Periodical Surveys, when held, must be reported in detail and serially 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.)

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined.

Was a damage report made by anyone else? If so, by whom?

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

Do. " Donkey " " " " "

If this was not done, state for what reasons?

Port & Donkey Boilers surveyed (cf. Rpt 23178)

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?

State latest date of internal examination of each boiler

5.17.7.33.

Did the Surveyor examine the Safety Valves of the Main Boiler?

yes

To what pressure were they afterwards adjusted under steam? 180 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted under steam?

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers?

yes

, and of the Donkey Boilers?

Did the Surveyor examine the drain plugs of the Main Boilers?

, and of the Donkey Boiler?

Did the Surveyor examine all the mountings of the Main Boilers?

yes

, and of the Donkey Boiler?

Has screw shaft now been drawn and examined?

Yes

Is it fitted with continuous liner?

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Has shaft now been changed?

If so, state reasons

Has the shaft now fitted been previously used?

Has it a continuous liner?

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

State date of examination of Screw Shaft

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft

Afloat

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

To complete the MS

Pumps and pumping arrangements to examine on return from  
Canada and the electric installation to examine  
Now done: L.P. cylinder piston & slide, thrust and tunnel shafts  
examined

The condenser examined and tested under head of water.

Now done for BS: The starboard boiler, its doors, mountings and fastenings examined throughout. All boilers examined under steam and their safety valves adjusted as above.

## General Observations, Opinion, and Recommendation:—

(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, 11, B.M.S. 9, 11, or L.M.C. 9, 11, 140 lb., F.D., &c.)

is in good condition and eligible in my opinion to remain as at present classed with fresh record of BS 6.33 as previously recommended, and to have record of LMC 6.33 when the pumps and pumping arrangements, and electric installation, have been examined.

Survey Fee (per Section 29)..... £

Fees applied for

Special Damage or Repair Fee (if any)..... £

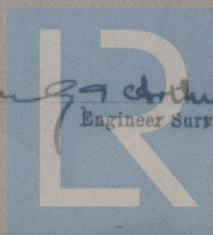
(per Section 29.)

Received by me,

Travelling expenses (if chargeable)..... £

Committee's Minute

Assigned



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Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register

Foundation

WS37-0139