

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

(Received at London Office)

-8 JUN 1933

Date of writing Report 7<sup>th</sup> June 1933 When handed in at Local Office 7 JUNE 1933 at NEWPORT, MON.

No. in Reg. Book. Survey held at NEWPORT, MON. Date, First Survey 27<sup>th</sup> May Last Survey 1<sup>st</sup> June 1933  
(No. of Visits 3)

73871 on the Machinery of the Wood, Iron or Steel S.S. 'VARDULIA'

Tonnage: Gross 5735 Net 3602 Vessel built at Port Glasgow By whom Russell & Co. When 1917

Nominal Horse Power 564 Engines made at Grk. By whom Rankin & Blackmore, Ltd. When "

No. of Main Boilers 3 Boilers, when made (Main) 1917 (Donkey) "

No. of Donkey Boilers 1 Owners Donaldson Line Ltd. Owners' Address "

Steam Pressure in Main Boilers 180 Managers Donaldson Bros. Ltd. Port Glasgow Voyage "

in Donkey Boilers ✓ If Surveyed Afloat or in Dry Dock Old Doel. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Report No. " Port "

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

CHARACTER, &c. for Special Survey Date of last Survey and of Periodical Surveys. 100A1 3.33. Machinery and Boiler Survey (including date of N.B., if any) LMC 4.29.

Periodical Surveys, when held, must be reported in detail and scrutiny 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 30-5-33.

Do, " " Donkey " ✓

If this was not done, state for what reasons? Star<sup>d</sup> boiler under steam.

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? not adjusted

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? No 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 the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft: Not seen

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done: Star<sup>d</sup> boiler to examine in

its entirety & all Safety Valves to adjust, to be done on vessel's return from present voyage. All the rule requirements for the Machinery Survey require to be carried out except as stated below.

now done. - Port & Centre boiler opened out & examined together with their safety valves & other mountings & all found or put in good order

Port: M.S. - H.P. M.P. Cylinders, piston valves & chamber, crank shaft bottom ends & bearings examined & found in good condition.

Repair. - 3 screwed stays renewed & one set of safety valves renewed for Centre boiler

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

(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, R.S. 9.11, R.L.S. 9.11, or S.L.M.C. 9.11, &c.)

far as now seen is eligible to remain as classed with Record of

B.S. 5.33 on Completion of Survey & M.S. with date when survey

has been completed.

Survey Fee (per Section 28) 2 Fees applied to: "

Special Damage or Repair Fee (if any) 1 Received by me: "

Travelling expenses (if chargeable) 2

Committee's Minute

Assigned



Has a Survey also been held on Ship? If so, in the Report sent now, or when will it be sent?

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

Is a Certificate required? If so, to be sent to