Rpt. 9. No. 12956.

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

(Received at London Office 13 SEP 1933)

Date of writing Report 12th Sept 1933 When handed in at Local Office 12th Sept. 1933. Port of BRISTOL.

No. in Reg. Book. 37167. Survey held at AVONMOUTH. Date. First Survey 7th Sept. Last Survey 11th Sept 1933 (No. of Visits 2.)

on the Machinery of the W[redacted] Steel Sc Sr. "VARDULIA"

Tonnage Gross 5735. Net 3602.

Nominal Horse Power 564.

No. of Main Boilers 3 SB.

No. of Donkey Boilers –

Steam Pressure— in Main Boilers 180.

in Donkey Boilers ✓

Vessel built at Port Glasgow. By whom Russell & Co. When 1917 – 3.

Engines made at Greenock. By whom Rankin & Blackmore. When 1917.

Boilers, when made (Main) 1917. (Donkey) ✓

Owners Donaldson Line, Ltd. Owners' Address ✓ (if not already recorded in Appendix to Register Book.)

Managers Donaldson Bros, Ltd. Port Glasgow. Voyage

If Surveyed Afloat ~~or in Dry Dock~~ Avonmouth 3rd (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 expired	Machinery and Boiler Surveys (including date of N.B., if any)
✠100 A1. 3, 33. so mdb. no. 3-4, 29.		✠LMC-4, 29. B.S. ~~4, 32~~ 6-33 TS.-2, 31. CL.

Last Report No. 98999 Port Lon

Particulars of Examination and Repairs (if any) Thrust-shaft

(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.

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? ✓

Do. " Donkey " " " ✓

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? ✓

State latest date of internal examination of each boiler ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

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? , 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? ✓ , 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 date of examination of Screw Shaft State the distance between lignum vitæ 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 ✓

By request of the Owners representative examined thrust-shaft Coupling (fore end) and one Coupling bolt broken & one sounded as if broken.
Repairs now done, – All Coupling bolts removed, Couplings Tested, holes reamered out & new bolts fitted, examined on completion & found Satisfactory.

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

so far as now seen is eligible to remain as classed without fresh Record of Survey. Subject to requirements as per Special Reason List

Survey Fee (per Section 29) £ : Fees applied for

Special ~~Damage or~~ Repair Fee (if any) (per Section 29.) £ : :

Travelling expenses (if chargeable) £ : : Received by me, D. Macfarlane

Engineer Surveyor to Lloyd's Register of Shipping.

Committee Minute

Assigned

Has a Survey also been held on Ship? 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.

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

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