

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

(Received at London Office)

Date of writing Report July 20th 1933 When handed in at Local Office July 20th 1933 Port of London
No. in Reg. Book Survey held at London Date, First Survey 15-7-33 Last Survey 20-7-1923
(No. of Visits 3)

37167 on the Machinery of the ~~Wood, Iron or Steel~~ Steel S.S. VARDULIA
Tonnage (Gross 5735 Vessel built at Port Glasgow. By whom Russell & Co When 1917-3
(Net 3602 Engines made at Glenoch. 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 -
No. of Donkey Boilers - Managers Donaldson Bros Ltd (if not already recorded in Appendix to Register Book.)
Steam Pressure in Main Boilers 180 Port Glasgow Voyage Gaston
in Donkey Boilers - Surry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Report No. 23178 Port 1916
Particulars of Examination and Repairs (if any) PE LMC MS 6.33 MS 100A1 MS LMC 4.29
3.33 BS 4.32
MS MDB M³ 4.29 TS 2.31CL

(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 & Centre 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^o

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

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

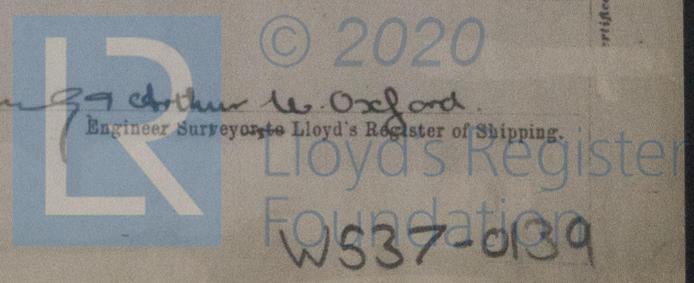
Pumps and pumping arrangements to examine on return from
Canada; and the electric installation to examine
Now done: L.P. cylinder piston & slide, thrust and tunnel shafts
examined
The condenser examined and tested under head
of water.
Now done for BS: The starboard boiler, its doors,
mountings and fastenings examined throughout,
all boilers examined under steam and
their safety valves adjusted as above.

General Observations, Opinion, and Recommendation:— 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.)

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 the electric installation, have been examined.

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, Alfred Ewin

Committee's Minute
Assigned



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.

Signature required: If so, to be sent to