

11/4 DEC 1944

L.A. No. 10054

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

(Received at London Office)

of writing Report 18/10/1944 When handed in at Local Office 19 Port of Lourenco Marques.
in Survey held at Lourenco Marques Date, First Survey 11/10/44 Last Survey 18/10/1944
Book. (No. of Visits)

on the Machinery of the ~~Wood-Laminate~~ Steel s.s. "DUMFRIES"

Gross 5149 Vessel built at Newcastle By whom Hawthorne Leslie & Co. Ltd. Year. 1935 Month. 7
Net 3061 Engines made at Newcastle By whom N.E. Marine Eng. Co. Ltd. When 1935 7
Power 442 Boilers, when made (Main) 1935 (Donkey) 1935
Main Boilers 3 Owners Gdynia America Shipping Lines Owners' Address (London), Ltd.
Donkey Boilers 1 Managers - Port Newcastle Voyage Foreign
Boilers 225 lbs If Surveyed Afloat or in Dry Dock Afloat
Key Boilers 150 lbs (State Name of Dock.)

Report No. 7700 Port Bom. -
Particulars of Classification (which must be inserted precisely as in Register Book and Supplements)

CHARACTER * for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned now expired.	Machinery and Boiler Surveys (including date of last if any)
<u>+ 10071 with 7th</u>		<u>+ LMS 9.</u>
<u>7.44.</u>		<u>BS 3.</u>
<u>SS Bly No 139.</u>		<u>TS C 44.</u>
<u>Tamange 6 piping closed</u>		<u>(N/C).</u>

Particulars of Examination and Repairs (if any) General service & Ballast pumps
cal Surveys, when held, must be reported in detail and serially in the terms of the Rules. State 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.

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

Special damage report made by anyone else? If so, by whom? -
Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? -

Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? -
If not done, state for what reasons? -

Which parts of the Boilers could not be thus thoroughly examined? -
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? } -

Latest date of internal examination of each boiler - Present condition of funnel(s) -

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

Surveyor examine the Safety Valves of Donkey Boiler? - To what pressure were they afterwards adjusted under steam? -

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

Surveyor examine the drain plugs of the Main Boilers? - and of the Donkey Boilers? -

Surveyor examine all the mountings of the Main Boilers? - and of the Donkey Boilers? -

Screw shaft now been drawn and examined? - 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? } -

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 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

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? -

Did the Surveyor examine the generators, motors, switchgear, cables and fuses? -

Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? -

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

General Service Pump:

Pump opened up, both liners found badly worn, plunger rods worn and scored, and valve and valve seats worn.

New liners fitted, plungers and rods skimmed, neck bushes bushed new woodite rings and new packing fitted. All valves renewed, valve seats skimmed one valve seat being renewed.

Ballast Pump:

Water ends opened up, ridge on each cylinder ground off and new woodite rings fitted.

General Observations, Opinion, and Recommendation:—

This vessel's machinery is now in good order. State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequently also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, etc.; thus, for example, B.S. L.M.C. 9.11, or LMC 140 lb., F.D., etc.)

and eligible in my opinion to remain as now classed in the Register Book without further record of survey.

Survey Fee (per Section 29) £ : : Fees applied for 19
Special Damage or Repair Fee (if any) £ : :
(per Section 29.)
Traveling expenses (if chargeable) £ : : Received by me. 19

TUES. 9 JAN 1945

As now subject

Engineer Surveyor to Lloyd's Register of Shipping
Lloyd's Register Foundation

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

W240-0006