

114 DEC 1944

L.A. No. 10054

## Report of Survey for Repairs, &amp;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-Letter Steel s.s. "DUMFRIES"

Gross 5149 Vessel built at Newcastle By whom Hawthorne Leslie & Co. Ltd. Year. Month.  
 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 Particulars of Classification (which must be inserted  
 key Boilers 150 lbs (State Name of Dock.) precisely as in Register Book and Supplements).

Report No. 7700 Port Bom.  
 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  
 rs. Repairs on account of Damage (the cause of which must be stated) should be separated from  
 rs due to other causes; and besides being detailed in the body of the report, should be briefly  
 arised at the end of the report. State also the dates and initials of any letters respecting this case

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

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

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

at parts of the Boilers could not be thus thoroughly examined? -  
 at special means, in the absence of internal examination, were adopted by the  
 yor to assure himself of the thorough efficiency of those parts of each Boiler? -

test 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? -

ew 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? -

ft now been changed? - If so, state reasons -

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? -

te 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? -

urvey 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 v

seats worn.

ew liners fitted, plungers and rods skimmed, neck bushes bushed new woodite rings and new

acking 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  
 state clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequ  
 and 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 fre  
 record of survey.

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

Committee's Minute TUES. 9 JAN 1945

Assigned

Ex-p. Moderna Ltd.

Engineer Surveyor to Lloyd's Register of Sh

W240-0006  
 Lloyd's Register  
 Foundation