

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

(Received at London Office

THU. 5 JAN. 1922

Date of writing Report 19 When handed in at Local Office 3/2/1922 Port of Hull THU. 5 JAN. 1922

No. in Reg. Book 12344 Survey held at Hull Date, First Survey 22/3/21 Last Survey 3/1/1922 (No. of Visits 73)

12344 on the Machinery of the Wood, Iron or Steel S.S. CITY OF DURBAN

Tonnage Gross 4499 Vessel built at Hull By whom Barclay & C<sup>o</sup> Ltd When 1921  
 Net 2847 Engines made at do By whom do When 1921  
 Registered 2800 Boilers, when made (Main) 1921 (Donkey) -  
 Horse Power 3 Owners Holland Line Port Liverpool Voyage Guineas  
 No. of Main Boilers 3 If Surveyed Afloat or in Dry Dock dry dock  
 No. of Donkey Boilers 0 (State name of Dock.)  
 Steam Pressure in Main Boilers 225  
 in Donkey Boilers -

Last Report No. Port  
 Particulars of Examination and Repairs (if any) Damage

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.

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 Allowed to expire.	Machinery and Boiler Surveys (Including date of N.B., if any).
		<u>Class contemplated</u>

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? Not accepted Was a damage report made by anyone else? If so, by whom? Not undertaken (Classified)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Do. Donkey Do.

- And what parts of the Boilers could not be thus thoroughly examined? Do.
- 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? Do.
- Did the Surveyor examine the Safety Valves of the Main Boiler? Do. To what pressure were they afterwards adjusted under steam? Do.
- Did the Surveyor examine the Safety Valves of Donkey Boiler? Do. To what pressure were they afterwards adjusted under steam? Do.
- Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Do. and of the Donkey Boiler? Do.
- Did the Surveyor examine the drain plugs of the Main Boilers? Do. and of the Donkey Boiler? Do.
- Did the Surveyor examine all the mountings of the Main Boilers? Do. and of the Donkey Boiler? Do.
- Has screw shaft now been drawn and examined? Do. Is it fitted with continuous liner? Do. Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Do.
- Has shaft now been changed? Do. If so, state reasons Do.
- Is the shaft now fitted new? Do. Has it a continuous liner? Do. Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Do.

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? Do.

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? The machinery of this vessel was being tried while the vessel was moved to the Quay Wall King George Dock on the 21st March 1921 when there was a loud report & the machinery stopped. A survey was made (as per the copy of damage report attached). The recommendations contained therein have been carried out, also a full days steaming trial was carried out at sea with satisfactory results.

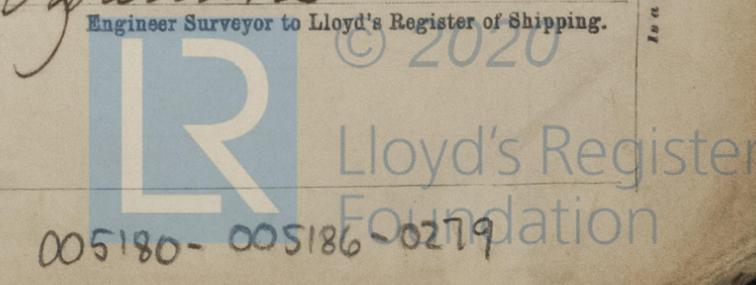
This report is sent for the information of the Committee

General Observations, Opinion, and Recommendation:— The machinery of this vessel is now in a good & efficient condition & eligible in my opinion to have the second L.M.C. 1-22 marked in Red in the Society's Register Book as recommended in the F.S. Report attached.

Survey Fee (per Section 28).....	£	Fees applied for	11/12 19 21	NR
Special Damage or Repair Fee (if any).....	£ 9/10-0	NR		
Travelling Expenses (if chargeable).....	£	Received by me,	24/12 19 21	

J. G. G. G.  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE 10 JAN. 1922  
 Assigned See Minute on F.S. Rpt.



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

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