

No. 101830

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

(Received at London Office 13 AUG 1935)

Report made on 13<sup>th</sup> August 1935 When handed in at Local Office 13 AUG 1935 Port of LONDON

Survey held at LONDON Date, First Survey and Last Survey 12<sup>th</sup> August 1935 (No. of Visits one)

Machinery of the Vessel, Iron or Steel Twin Screw Steamer "ORION"

Vessel built at Barrow By whom Vickers Armstrong When 1935

Engines made at - do - By whom - do - When - do -

Boilers, when made (Main) - do - (Donkey)

Owners Orient Steam Navigation Co Ltd Owners' Address (if not already recorded in Appendix to Register Book.)

Managers Port Voyage

If Surveyed Afloat or in Dry Dock Tilbury Dock (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 elapsed since last survey. Machinery and Boiler Surveys (including date of N.B., if any).

\* 100% I Lmc 7.35 TS (CL)

When held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on age (the cause of which must be stated) should be separated from Repairs due to other causes; and failed in the body of the report, should be briefly summarised at the end of the report. State also the date of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he has examined the services for this purpose, and why they were declined.

Report made by anyone else? If so, by whom?

Personally go inside each Main Boiler separately and make a thorough examination at this time?

Donkey " " "

State for what reasons?

If the Boilers could not be thus thoroughly examined?

Means, in the absence of internal examination, were adopted by the Surveyor to ensure himself of the thorough efficiency of those parts of each Boiler?

Of internal examination of each boiler Present condition of funnel(s)

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

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

Examine all the manholes, doors and their fastenings of the Main Boilers? and of the Donkey Boilers?

Examine the drain plugs of the Main Boilers? and of the Donkey Boiler?

Examine all the mountings of the Main Boilers? and of the Donkey Boiler?

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?

Has been changed? If so, state reasons.

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?

Examination of Screw Shaft State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft.

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

If not complete, state what arrangements have been made for its completion and what remains to be done. Survey now complete;

Previous survey see report No 2576 of the Liverpool Surveyors.

Done

The insulation resistance of the starboard windlass has now been brought up to the Rule Requirements.

The ventilation of the dynamo room, and the after fan flat have been improved.

Observations, Opinion, and Recommendation:— In my opinion the Electrical Machinery of the vessel is now satisfactory. The vessel is eligible to remain as classed, without special conditions.

Fees applied for: 19  
Received by me: 19

TUE. 13 AUG 1935

As now. without special conditions.

J. A. Gaffney  
Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register of Shipping  
004285-004291-0100

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

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



Mind points of electrical  
fittings completed.

It is submitted that  
this vessel is eligible to  
remain as CLASSED

L.G.

13/8/34

My



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Foundation