

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

Date of writing Report 5 JUN 1940 When handed in at Local Office 5 JUN 1940 (Received at London Office) Port of London

No. in Reg. Book 30976 Survey held at Tilbury Date, First Survey 22nd May Last Survey 29th May 1940 (No. of Visits 4)

on the Machinery of the Wood, Iron or Steel s.s. ORAMA Year. Month. When 1924 10

Tonnage } Gross 19840 Vessel built at Barrow By whom Tickers Ltd When 1924 10
Net 11754 Engines made at " By whom " " When 1924

Nominal Horse Power 3856 Boilers, when made (Main) 1924 (Donkey)
No. of Main Boilers 6 DB 4 SB Owners Orient Steam Nav Co Ltd Owners' Address Port Barrow Voyage

No. of Donkey Boilers Managers
Steam Pressure in Main Boilers 215 lb Surveyed Afloat in Dry Dock Tilbury + Tilbury DD (State name of Dock.)

Last Report No. Port Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Particulars of Examination and Repairs (if any) BS & M.S. & D.D
(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.)

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? After section only

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

If this was not done, state for what reasons? Forward section not prepared

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 After section 24th & 27th May 1940 Present condition of funnel(s) good

Did the Surveyor examine the Safety Valves of the Main Boiler? After section Yes To what pressure were they afterwards adjusted under steam? 215 lb

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? After section Yes, and of the Donkey Boilers?

Did the Surveyor examine the drain plugs of the Main Boilers? none, and of the Donkey Boilers?

Did the Surveyor examine all the mountings of the Main Boilers? After section Yes, and of the Donkey Boilers?

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

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 5 1/2"

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

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?

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

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done To complete the survey the forward section of boilers remain to be examined

B.S. NOW DONE The after section of boilers examined throughout with their safety valves, doors and mountings, after section of boilers examined under steam and safety valves adjusted as above. The fuel oil burning installation examined under working conditions on these boilers and found in order.

DOCKING Trawl placed in dry dock, propellers & after ends of stern bushes and outside fastenings of sea connections examined and found in order.

M.S. Examined Starboard I.P & L.P turbines, rotor casing & blading, all found in order.

REPAIRS Fourteen combustion chamber stays between combustion chambers of No 7 boiler found defective and renewed.

General Observations, Opinion, and Recommendation: The machinery of this vessel so far as now seen is in efficient condition and eligible in my opinion to remain as classed with fresh record of BS 5.40 when BS has been completed

Survey Fee (per Section 29) £ 10 : - : - Fees applied for 5 JUN 1940
Special Damage or Repair Fee (if any) £ : : :
Travelling expenses (if chargeable) £ : : : Received by me,

Committee's Minute As now Assigned

W 348 - 0005

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

