

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

Date of writing Report 9 DEC 1941 When handed in at Local Office 9 DEC 1941 (Received at London Office 9 DEC 1941) Port of London

No. in Reg. Book 22660 Survey held at London Date First Survey 10 November Last Survey 6 December 1941 (No. of Visits four)

Tonnage { Gross 5242 Net 3199 Vessel built at Greenock By whom Harland Wolff & Co When 1919-11
Engines made at Greenock By whom Harland Wolff & Co When 1919
Nominal Horse Power 517 Boilers, when made (Main) 1919 (Donkey) ✓
No. of Main Boilers 3SE Owners Union Castle Mail S.S. Co Ltd Owners' Address London Voyage ✓
No. of Donkey Boilers ✓ Managers ✓ (if not already recorded in Appendix to Register Book.)
Steam Pressure in Main Boilers 180 lbs ✓ Surveyed Afloat ✓ in Dry Dock P. Albert Dock and Eastern Dry Dock
in Donkey Boilers ✓ (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 since last survey expired.	Machinery and Boiler Surveys (including date of N.B., if any).
* 100 A.1.		* L.M.C.
2.41.		M.S. 2-39.
ssh. yr N°3-12-31.		B.S. 7-40
ssh. yr N°2-39.		T.S. C.L. 1-41.

Last Report No. Port Particulars of Examination and Repairs (if any) Reg. BS, S.R.L.

(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? yes

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 Part centre boiler Standard 17/11/41 ✓

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 P.Y.C. 10/11/41 S. 12/11/41 Present condition of funnel Efficient

Did the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 180 lbs / sq. in

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? yes and of the Donkey Boilers? ✓

Did the Surveyor examine the drain plugs of the Main Boilers? ✓ and of the Donkey Boilers? ✓

Did the Surveyor examine all the mountings of the Main Boilers? yes and of the Donkey Boilers? ✓

Has the 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? no

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 1/8"

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

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 Complete

now done: Vessel placed in dry dock. Propeller outside fastenings examined and found good. Examined port, centre and starboard boilers internally and externally, safety valves mountings, manhole doors and found or placed in good condition; later examined under steam and adjusted the safety valves as above.

Wear and Tear Repairs: The centre furnaces of port, centre and starboard boilers found deflected on the crowns now satisfactorily jacked up, reinforcing rings fitted and electric welded in place on N°5 and 4 corrugations (centre boiler) and N°4 corrugation (starboard boiler).

Machinery: The HP, IP cylinders, pistons, IP valve, air pump opened out, working parts examined and placed in order.

(See overleaf)

General Observations, Opinion, and Recommendation: The machinery of this vessel is in good and

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 9,11, B.&M.S. 9,11, L.M.C. 9,11, or L.M.C. 140 lb., F.D., &c.)

efficient condition and eligible in my opinion to remain as classed with a fresh record of B.S. 12-41 and subject to the auxiliary steam pipes over three inches being tested (see S.R. list)

Survey Fee (per Section 29) B.S. £ 4 : 0 : 0 Fees applied for 9 DEC 1941

Special Damage or Repair Fee (if any) (per Section 29) £ : : Received by me, S. B. Cox E. Crossley D. M. Sellar

Travelling expenses (if chargeable) £ : : 19. Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 30 DEC 1941 Assigned As now subject B.S. 12-41

THE SURVEYORS ARE REQUESTED, NOT TO WRITE ACROSS THIS MARGIN.

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

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



