

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

(Received at London Office

9 OCT 1941

Date of writing Report 30.9.41 When handed in at Local Office 30.9.41 Port of LIVERPOOL

No. in Survey held at Liverpool Date First Survey 15/9/41 Last Survey 24/9/1941
 Reg. Book 83083 on the Machinery of the Wood, Iron or Steel S.S. SCOTTISH STAR (No. of Visits 3)

Tonnage { Gross 7224 Vessel built at Glasgow By whom Harland & Wolff Ltd. When 1917-5
 Net 4314 Engines made at Belfast By whom do When do

Nominal Horse Power 808 Boilers, when made (Main) 1917 (Donkey) 1917

No. of Main Boilers 3 Owners Blue Star Line Ltd Owners' Address (if not already recorded in Appendix to Register Book.)
Port of London Voyage ✓

No. of Donkey Boilers 1 Managers ✓

Steam Pressure in Main Boilers 215 If Surveyed Afloat or in Dry Dock ✓
 in Donkey Boilers 215 (State name of Dock.) Canada

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Report No. PortParticulars of Examination and Repairs (if any) Machinery

(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? ✓If this was not done, state for what reasons DonkeyAnd 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. ✓Did the Surveyor examine the Safety Valves of the Main Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓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? ✓ 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? ✓ and of the Donkey Boilers? ✓Has the screw 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? ✓Has shaft now been changed? ✓ If so, state reasons ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓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. ✓

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

Repairs Near Star

Auxiliary condenser, several tubes renewed & condenser tested found satisfactory.

after main feed pump & bucket Rod renewed, new neck & gland bush.

main circulating pump impeller shaft bearings renewed.

Centre Boiler - leaky tubes expanded as found necessary, & seams & rivets caulked & made good. Sundry minor repairs.

The Chief Engineer stated that the boiler survey had been completed in

General Observations, last trip Opinion, and Recommendation: The machinery of this vessel as
 (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.)

for as now seen as in good & efficient condition & eligible in my opinion to remain as now classed without fresh Record. (auxiliary boiler not to be used)

Survey Fee (per Section 29) £ : : Fees applied for 22 OCT 1941
 Special Damage or Repair Fee (if any) £ 2:2:0
 (per Section 29.)
 Travelling expenses (if chargeable) £ : : Received by me, 19

Committee's Minute LIVERPOOLAssigned As now, subject.

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

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