

# 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 Reg. Book 83083 Survey held at Liverpool Date First Survey 15/9/41 Last Survey 24/9/1941  
(No. of Visits 3)

on the Machinery of the Wood, Iron or Steel S.S. SCOTTISH STAR

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 London Voyage ✓  
(if not already recorded in Appendix to Register Book.)

No. of Donkey Boilers 1 Managers do

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

in Donkey Boilers 215

Last Report No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars 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.)

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

CHARACTER. (X for Special Survey Date of last Survey and of Periodical Surveys.)	Years assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+ 100A.1 Skelley</u>		<u>+ L.M.C. -</u>
<u>BS with frabrad</u>		<u>M.S. 10.37</u>
<u>7.41</u>		<u>BS 5.41</u>
<u>S.S. Off No 3.7.30</u>		<u>+ 100705 RMC 3.41</u>
<u>S.S. Nwc. No 2.38</u>		<u>RS (CL) 7.41</u>
		<u>7.41</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.

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? ✓

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 \_\_\_\_\_

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 \_\_\_\_\_ Present condition of funnel Efficient

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 \_\_\_\_\_

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 10.37

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. Sunday men of 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 far as now seen is in good & efficient condition & eligible in my opinion to remain as now classed without fresh Record. (Auxiliary boiler not to be used)

(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.)

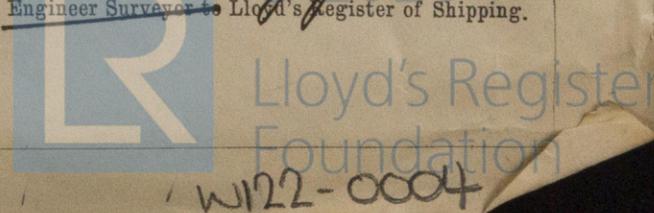
Survey Fee (per Section 29) £ : : Fees applied for 22 OCT 1941

Special Damage or Repair Fee (if any) (per Section 29.) £ 2:2:0 Received by me, W. H. W. Aggott

Travelling expenses (if chargeable) £ : : \_\_\_\_\_

Committee's Minute LIVERPOOL 27 OCT 1941 W. H. W. Aggott

Assigned As now, subject.



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 \_\_\_\_\_

