

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

(Received at London Office 26 SEP 1943)

Date of writing Report 23-9-1943. When handed in at Local Office 26 SEP 1943. Port of Ipswich

No. in Reg. Book 25148. Survey held at Ipswich & Hythe. Date First Survey 18-9-43. Last Survey 21-9-1943. (No. of Visits Two)

on the Machinery of the Wood, Iron or Steel m.v. "GRIT" Year. Month.

Tonnage Gross 501. Net 254. Vessel built at Grimsby. By whom G. Brown & Co. When 1934 9.

Engines made at Newbury. By whom Newbury Diesel Co. Ltd. When 1934.

Horse Power 72. Boilers, when made (Main) (Donkey) (Donkey)

No. of Main Boilers. Owners F. T. Eward & Son Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)

No. of Donkey Boilers. Managers. Port London. Voyage

Steam Pressure in Main Boilers. If Surveyed Afloat or in Dry Dock Quay. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boilers. Last Report No. Port

Particulars of Examination and Repairs (if any) Ex. Examination

(Periodical Surveys, when held, must be reported in detail and serially 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?

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(s)

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. Is electric light and power fitted

Engine parts, when referred to by numbers, should be counted from forward. 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

Main & auxiliary machinery examined externally and under working condition. Examined externally, air receivers & connections, daily supply tank & its connection & arrangement of pipes, valves, steamers. The Chief Engineer reports that during the last twelve months the following repairs have been effected: Thrust shaft removed. Nos 1-2-3-4 pistons, new crowns fitted, main engine bits, pump valves chest removed. Two auxiliary engines replaced with reconditioned engines by Engine Makers.

General Observations, Opinion, and Recommendation:— The machinery of this vessel so far 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 R.L.M.C. 140 lb., F.D., &c.)

seen is in a safe working condition & eligible in my opinion to remain as classed & to have rotation examined, with date (twelve months)

Survey Fee (per Section 29) £ : Fees applied for 19

Special Damage or Repair Fee (if any) (per Section 29.) £ : Received by me, 19

Travelling expenses (if chargeable) £ : Committee's Minute

Assigned. FRI. 8. OCT 1943

Signature of Surveyor: J. W. 6019. Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation. W246-0106

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

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

(The Surveyors are requested to write on or below the space for Committee's Minute.)

Sl. no 2 due 9.42

Machinery generally examined

It is submitted that
this vessel is eligible to
remain in CLASS B

Examined 9.43

Thru

7.10.43

Q. due 10.42

[Faint handwritten notes, possibly a list of items or dates]

[Faint handwritten notes, possibly a list of items or dates]

120303

[Faint handwritten notes, possibly a list of items or dates]

[Faint handwritten notes, possibly a list of items or dates]

