

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

(Received at London Office 13 MAY 1942)

Date of writing Report 19 When handed in at Local Office 12 MAY 1942 19 Port of LIVERPOOL

No. in Survey held at Liverpool Date First Survey 20-4-42 Last Survey 20-4-1942 (No. of Visits 2)

on the Machinery of the Wood, Iron or Steel FRESHBROOK

Tonnage { Gross 278 Net 90 Vessel built at Lytham By whom Lytham S.S. & Co. Ltd When 1942-4

Nominal Horse Power 90 Boilers, when made (Main) (Donkey) Owners Admiralty Owners' Address (if not already recorded in Appendix to Register Book.)

No. of Main Boilers 1 Managers If Surveyed Afloat or in Dry Dock Afloat (Alford) Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

Last Report No. Port Particulars of Examination and Repairs (if any) Incls

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.

Was a damage report made by anyone else? If so, by whom? Offered his services for this purpose, and why they were declined?

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

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) Good.

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?

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 the 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. Is electric light and/or 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. Complete.

At the request of the Owners' Representative visits were made to ascertain cause of steady knock in 1P engine. Upon examination of 1P bottom end white metal was found to have been overheated & flaked. Work done: - Spare 1P bottom end bedplate & fitted & on completion engine examined under trial conditions & found satisfactory.

Spare brasses reinstalled.

General Observations, Opinion, and Recommendation: - (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.)

This report is issued for the information of the Committee.

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 LIVERPOOL Assigned Transmit to London

Handwritten signature of H. L. Liddell, Engineer Surveyor to Lloyd's Register of Shipping. Includes Lloyd's Register of Shipping logo and date stamp TUE 9 JUN 1942. Reference number 117763.

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

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