

No. 113087

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office 6 SEP 1939)

Writing Report 31-8-39, When handed in at Local Office 1 SEP 1939, Port of LIVERPOOL

Survey held at Birkenhead. Date, First Survey 17/8/39 Last Survey 18/8/1939 (No. of Visits 2)

on the Machinery of the Wood, Iron or Steel LINNELL

Gross 4424 Vessel built at Dumbarton By whom A. McMillan & Co. Ltd. When 1921-12

Net 4494 Engines made at Glasgow By whom Harland & Wolff Ltd. When 1921

810 Boilers, when made (Main) (Donkey) 1921

Owners Lamport & Holt Line Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)

Managers Port Liverpool Voyage

If Surveyed Afloat or in Dry Dock afloat. (State name of Dock.)

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

Report No. Port Particulars of Examination and Repairs (if any) Gen Exam +100A1

Shelter deck with freeboard 5.39. LMC. CS- 5.39. 8.37. DBS- 9.38.

2 Sten No 1 - 39. TS. P. 1.34. 2 Sten No 3 4.34. S. 9.38. C.L.

6.0. Eng: Interim Cert: copy herewith.

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

Donkey " " " "

not done, state for what reasons?

Parts of the Boilers could not be thus thoroughly examined?

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?

Date of internal examination of each boiler? Present condition of funnel(s)

Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?

Surveyor examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? and of the Donkey Boilers?

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

Surveyor examine all the mountings of the Main Boilers? and of the Donkey Boilers?

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?

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?

Distance 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?

Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?

Survey is not complete, state what arrangements have been made for its completion and what remains to be done.

General Examination - done afloat at request of Owners.

Two independent bilge pumps on hold & E.R. bilges. Fried ballast pumps, both compressors & circulating pumps, all three auxiliary generators working engine and windlass under working conditions, and found these efficient.

Examination was made with a view to issue of an Interim Certificate attached to ship report) to allow vessel to proceed under efficient towing arrangements to the Clyde, for breaking up.

stated the main engine Port & Stbd are entirely out of commission.

General Observations, Opinion, and Recommendation:—

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, E.S. 9.11, E.&M.S. 9.11, L.M.C. 9.11, or L.M.C. 140 lb. F.D., &c.)

Machinery machinery of this vessel so far as seen is in efficient condition for voyage to the Clyde under efficient towing arrangements.

Committee's Minute Deferred.

Fees applied for 19 Received by me, A Sutherland Engineer Surveyor to Lloyd's Register of Shipping.

Image or Repair Fee (if any) See ship Report.

expenses (if chargeable)

LIVERPOOL 6 SEP 1939

Lloyd's Register Foundation

W 500-0064

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

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