

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

Date of writing Report 23/6 1942 When handed in at Local Office 19 Port of Helmingfors.

No. in Reg. Book 20896 Survey held at Mantyluoto Date, First Survey 23/5 Last Survey 26/5 No. of Visits 3

Tonnage { Gross 2478 Net 1391 Nominal 224 Vessel built at Whitley Engines made at Stockton Boilers, when made (Main) 1902 Owners Ponn Laito O/y Managers Wener Hacklin If Surveyed Afloat or in Dry Dock Afloat (State name of Dock:)

Last Report No. 5331 Port 5331

## Particulars of Examination and Repairs (if any)

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? Yes. 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 Starb. B. 23/5 Port. B. 24/5 Present condition of funnel(s) Good

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 160 lbs. 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? Yes, and of the Donkey Boilers? Did the Surveyor examine the drain plugs of the Main Boilers? none fitted, and of the Donkey Boilers? Did the Surveyor examine all the mountings of the Main Boilers? yes, and of the Donkey Boilers?

Has screw shaft now been drawn and examined? no 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.

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? yes. If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? no. 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

The both boilers cleaned and examined and the safety valves adjusted under steam as above.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is worthy in my opinion to remain as now closed in the Register Book with fresh record of BS. 5.42.

Survey Fee (per Section 29) £ 5 : 0 : 0 Fees applied for 23/6 1942 Special Damage or Repair Fee (if any) (per Section 29.) £ : : : Received by me 23/6 1942 Travelling expenses (if chargeable) £ : : :

Committee's Minute

Assigned

No action.