

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

(Received at London office 12 DEC 1943)

Date of writing Report **4th Sept. 19 41.** When handed in at Local Office 19 .. Port of **Stockholm.**

No. in Survey held at **Stockholm.** Date, First Survey and Last Survey **1st Sept. 19 41.**
Reg. Book (No. of Visits **1**)

70830 on the Machinery of the ~~Woodcock~~ Steel Sc. **"BETTY H."** Year. Month.

Tonnage (Gross **2478** Vessel built at **Whitby** By whom **T. Turnbull & Son** When **1902 5**
 (Net **1391** Engines made at **Stockton** By whom **Blair & Co. Ltd.** When **1902**
 Nominal **224** Boilers, when made (Main) **1902** (Donkey) **-**
 Horse Power
 No. of Main Boilers **2** Owners **Porin Laiva O/Y** Owners' Address
 No. of Donkey Boilers **-** Managers **Werner Hacklin** Port **Björneborg** Voyage
 Steam Pressure—
 in Main Boilers **160 lb** ~~Surveyed~~ ~~in Dry Dock~~ **Gustav V. dry dock.** Particulars of Classification (which must be inserted
 in Donkey Boilers **-** (State name of Dock:)

Last Report No. Port ..

Particulars of Examination and Repairs (if any) Annual Survey.

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? **No.**

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? **Boilers not fue for survey.**

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 **Stbd. 8.5.41; port 26.7.41** 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? .. 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 screw shaft now been drawn and examined? **No.** Is it fitted with continuous liner? **Yes** Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? **No.**

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 **2,3 mm.**

Engine parts, when referred to by numbers, should be counted from forward. Is electric light ~~and for 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? **No.**

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

NOW DONE:-

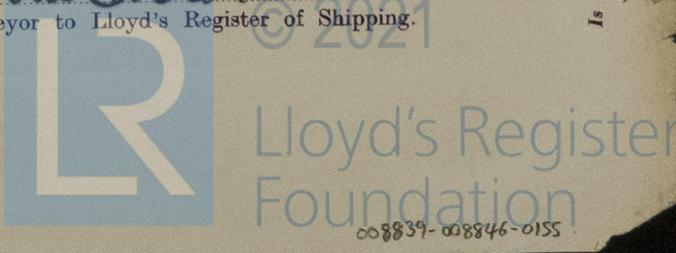
The propeller, aft end of stern bush and outside of the sea connections examined.

General Observations, Opinion, and Recommendation:— **The machinery of this ship is, in my opinion, efficient and eligible to remain as now classed without fresh record of survey.**

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)	£		

Folle Cassel
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute
Assigned **No action**



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