

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

SECTION.

(Received at London Office

11 DEC 1950

Date of writing Report 24.11.50 to 50 when No. 100443 Port of Helsingfors

No in Reg. Book. Survey held at Kotka Date. First Survey 13.10 Last Survey 7.11.19.50 (No. of Visits 3)

50443 on the Machinery of the Wood, Iron or Steel Sc. Steamer "Aino Nurminen".

Tonnage { Gross 3810 Vessel built at Sunderland By whom J.L. Thomson & Sons Ltd. When 1911 11.
 Net 2300 Engines made at " By whom J. Dickson & Sons When " "
 Nominal Horse Power { 305 Boilers, when made (Main) 1911 (Donkey) -
 Owners John Nurminen Varustamot O/Y Owners' Address Helsinki
 No. of Main Boilers 2 Managers - " - Port Helsinki Voyage
 No. of Donkey Boilers - If Surveyed Afloat or in Dry Dock afloat
 Steam Pressure in Main Boilers 180
 in Donkey Boilers -

Last Report No. 7887. Port Sku.

Particulars of Examination and Repairs (if any) B.S.

(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 through examination at this time? yes

" " Donkey " " " " -

If not, state for what reasons. - What parts of the Boilers could not be thus thoroughly examined? -

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 SB. 17.10.50. Port Side 6.11.50 Present condition of funnel(s) good

Did the Surveyor examine the Safety Valves of the Main Boilers? yes To what pressure were they afterwards adjusted under steam? 180 lbs

Did the Surveyor examine the Safety Valves of the Donkey Boilers? - 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 the screw shaft now been drawn and examined? no Has it a continuous liner? - Is an approved oil retaining appliance fitted at the after end? -

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 oil retaining appliance fitted at the after end? - State date of examination of Screw Shaft - State the wear down in the

stern bush - 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? -

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

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. Now complete, but the following parts are to be dealt with by next SS.

SB-Boiler: SB- and center furnaces, and back plates of all CCS.

Port Side Boiler: Back plates of both side CCS. SB center furnace, and front plate by Port Side center furnace. Also the springs of the safety valves to be renewed.

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, BS 9.11, LMC 9.11 or *LMC 140 lb., FD, &c.)

CS 3.34

Boilers found eligible in my opinion to remain as now classed to next SS, with fresh record of BS 10.50.

Survey Fee (per Section 29) Fmk. 16,000- £

Fees applied for

Special Damage or Repair Fee (if any)

Received by me,

Traveling expenses (if chargeable)

19

Committee's Minute TUES. 19 DEC 1950

Assigned

FRI. 4 MAY 1951

Lloyd's Register Foundation

TEE

24 May 1951.

ing Committee's
ion confirmed.

PM



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