

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

(Received at London Office

1939-3

Date of writing Report 29th April 1939 When handed in at Local Office 19 Port of Copenhagen

Survey held at Slasker Date, First Survey 11th April Last Survey 27th April 1939

749 on the Machinery of the Wood, Iron or Steel IRMTRAUT CORDS (ex M.C. HOLM) (No. of Vessels 4)

Gross 2814 Vessel built at Slasker By whom Helsingørsk Jernsk. & Skibst. When 1924-5

Net 1648 Engines made at Slasker By whom Helsingørsk Jernsk. & Skibst. When 1924

Boilers, when made (Main) 1924 (Donkey) 1924

Owners A/G NEPTUN Owners' Address (if not already recorded in Appendix to Register Book.)

Managers Aug. Cords Port ROSTOCK Voyage Rotterdam

If Surveyed Afloat or in Dry Dock on jetties - afloat Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

st Report No. Port

Particulars of Examination and Repairs (if any)

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature 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 details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the names and initials of any letters respecting this case.

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 yes, but not required

a damage report made by anyone else? If so, by whom? insurance surveyor

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

Donkey " " " " yes

is was not done, 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? -

Latest date of internal examination of each boiler all 20/4-39 Present condition of funnels good

the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 180 lbs/0"

the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 180 lbs/0"

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

the Surveyor examine the drain plugs of the Main Boilers? none and of the Donkey Boilers? none

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

screw shaft now been drawn and examined? yes 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? -

shaft now been changed? - If so, state reasons - Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? -

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? -

date of examination of Screw Shaft 17/4-39 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 2 1/2 in

Engine parts, when referred to by numbers, should be counted from foreward. Is electric light and/or power fitted? yes

did the Surveyor examine the generators, motors, switchgear, cables and fuses? no

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

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

DAMAGE

The fastenings of the sea connections examined - found good.

The propeller shaft drawn in examined - found good with the stern.

The stem bushes, lignum vitae etc. The slightly bent & chipped blades of the propeller found & dressed examined - found good.

The above damage stated due to grounding in Slasker Fjord on the 4/4-39.

in the voyage Cardiff - Slasker.

Annual Boiler Survey.

Examined internally & externally the two main boilers and the donkey boiler and found them with safety valves, man holes with doors

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

Recommend the vessel's machinery to remain as now

and to have notation in the Register Book of BS-4.39 and

tail shaft run 4.39

Voy Fee (per Section 20) £200.00 Fees applied for 2.5. 1939

Special Damage or Repair Fee (if any) £50.00 Received by me, 19

Travelling expenses (if chargeable) £162.45

Committee's Minute TUE. 16 MAY 1939

Assigned 4.39 subject

CERTIFICATE WRITTEN

Lloyd's Register Foundation

Steel Se. / RMTRAUT COROS (ex M.C. HOLM)

steam pipes, mountings and superheaters to be in good efficient and safe working condition.

Adjusted the safety valves on all 3 boilers under steam to 180 lbs/sq. in.

Wear & Tear Repairs.

The following repairs due to wear & tear have now been effected: - The 1 P cylinder bored out, junk - T. & piston rings removed, the diameter of the 1 P cylinder is now $38\frac{3}{8}$ "

HP cross head steam rod new & the brasses renewed. The condenser tubes which were found thin & wasted renewed complete.

All the plain tubes in both main boilers & 8 tubes in the dandy boiler which were found thin - renewed. The new tubes which were delivered by Messrs Stewards & Lloyds tested as per Rules and found good. All superheater coils & headers renewed and tested to 31 kg/cm² - a number of thin ends in the coils renewed. The superheaters refilled & tested to 31 kg/cm² - found good & tight. One stay tube in the centre nest of tubes of the starboard boiler which was found broken on the steam test stopped by a throughgoing stay & two washers resting on the tube plates.

Sundry minor repairs effected.

J. L. J.

an Interim Certificate has been issued as per copy herewith.

J. L. J.