

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

23 DEC 1946

(Received at London Office)

Port of HAMBURGDate of writing 16-12-46 When handed in at Local Office 19-12-46No. in Survey held at KIEL Date. First Survey 14-10-46 Last Survey 30-10-46 (No. of Visits Five)Reg. Book. S.S. "FAIK"on the Machinery of the Wooden Steel Year. Month.Tonnage Gross 1159 Vessel built at STETTIN By whom Stettiner Oderwerke A.G. When 1911Net 853 Engines made at STETTIN By whom Stettiner Oderwerke A.G. When 1911Nominal Horse Power 1911 (Donkey)No. of Main Boilers 2 Owners Greek Maritime Commission Owners' Address StettinNo. of Donkey Boilers 1 Managers Stettin Voyage StettinSteam Pressure in Main Boilers 21 lbs If Surveyed Afloat or in Dry Dock Bothin Donkey Boilers 21 lbs (State name of Dock.) Howaldt's dry dockLast Report No. 29 Port (Docking) (Commencement of Examined L.R.) (B.S.)

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

(Periodical Surveys, when held, must be reported in detail and verified 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 thorough examination at this time? Yes

" " " " " "

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 date of internal examination of each boiler. Both 10-46 Present condition of funnel(s) SatisfactoryDid the Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 185 lbs squ" (13 kgs)Did the Surveyor examine the Safety Valves of the Donkey Boilers? Yes To what pressure were they afterwards adjusted under steam? 185 lbs squ" (13 kgs)Did the Surveyor examine all the manholes, doors and their openings of the Main Boilers? Yes and of the Donkey Boilers?Did the Surveyor examine the drain plugs of the Main Boilers? Yes and of the Donkey Boilers?Did the Surveyor examine the mounting of the Main Boilers? Yes and of the Donkey Boilers?Did the Surveyor examine the mounting of the Main Boilers? Yes and of the Donkey Boilers?Has the shaft now been changed? No If so, state reasons? Has the shaft now fitted been previously used? Yes Has it a continuous liner? YesIs an approved oil retaining appliance fitted at the after end? Yes State date of examination of Screw Shaft 14-10-46 State the wear down in the stern bush 2.1 mmIs electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? YesHas the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? NoIf the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. To complete the survey for record of B.S. and T.S. complete

The electrical installation requires to be megger tested.

Now done:- Docking. Vessel placed in dry dock, propeller, stern bush, sea connections opened

up and their clearances examined.

Screw shaft drawn in and examined.

Examined L.R.:- It is stated by Chief Engineer that systematic overhauling of machinery has

been done and machinery is in good condition. Germanischer Lloyd classification certificates record no re-

strictions on class.

Main and auxiliary machinery now examined externally, parts as under opened up and examined and

on completion examined under working conditions, pumping arrangements tried with satisfactory results.

Examined main engine H.P. cylinder and piston, general service pump and valves of engine driven

pumps and found in satisfactory condition.

The electrical installation (lighting only) generally examined and tested under working

conditions. P.T.O.

General Observations, Opinion, and Recommendation:- The machinery of this vessel is eligible in our opinion to

(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, B&MS 9,11 or LMC 149 lb., FD, &c.)

receive notation of 'Examined L.R. 1046' (for a period of 12 months) B.S. 10,46, and screw shaft seen 10,46, when the

electrical installation is megger tested and subject to water gauge valves on shell of boilers being replaced with cocks

at the first opportunity.

Survey Fee (per Section 23) B.S. £ 18 : 0 : 0 Fees applied for

Special Damage or Repair Fee (if any) T.S. £ 4 : 4 : 0

Travelling expenses (if chargeable) £ : : : Received by me, John GrandisonCommittee's Minute HEB. 22 JAN 1947 Engineer Surveyor to Lloyd's Register of Shipping.Assigned See Ant 23955

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

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

(continued)

S.S. "PAIK", 1459 tons gross
of STEEL

Both main boilers examined, internally at each end of the superheaters doors, mountings and safety valves, boilers examined under steam and safety valves adjusted to 155 lb. per sq. in. (15 lbs. per Germanischer Lloyd Certificate).

It was observed that water gauge pipes are fitted with valves to boiler shell not cocks as per Rule Requirements.

Repairs (W. & T.): - 4 fractured screwed stays in starboard boiler

Lower manhole doors built up by electric welding and re-rolled.



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