Rpt. 9.

No. 6444

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

(Received at London Office 12 DEC 1949)

Date of writing Report 29.11 1949 When handed in at Local Office 5th December 1949 Port of Oslo

No. in Reg. Book. 26789 Survey held at Fredrikstad, Norway Date. First Survey 23.5.49 Last Survey 17.10 1949 (No. of Visits 6)

on the Machinery of the ~~Wood~~, ~~Iron~~ or Steel S.S Star VIII

Tonnage { Gross 443 439 / Net 156 } Nominal Horse Power

No. of Main Boilers 2

No. of Donkey Boilers v

Steam Pressure — in Main Boilers 220 lbs

in Donkey Boilers v

Vessel built at Southbank By whom Smiths Dock Co Ld When 1948 Year 10 Month

Engines made at " By whom " " " When " "

Boilers, when made (Main) 10 - 48 (Donkey) v

Owners Hv. f. Selskapet Rosshavet Owners' Address Sandefjord (if not already recorded in Appendix to Register Book.)

Managers J. Rasmussen Port Sandefjord Voyage Whaling

If Surveyed Afloat or in Dry Dock Both (State name of Dock.) Fredrikstad Mek. Verksted

Last Report No. Port

Particulars of Examination and Repairs (if any) Machinery and Boilers

(Periodical Surveys, when held, must be reported in detail and seriatim 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.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Character. ✠ for Special Survey. Date of last Survey and of Periodical Surveys.	Years assigned Now expired.	Machinery and Boiler Surveys (including date of N.B., if any)
BS *		MBS * 10.48
whaling purpose 10.48		CL
		Fitted for oil fuel
		WTB

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 v

Was a damage report made by anyone else? If so, by whom? v

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

" " Donkey " " " v

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

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? (P. & S.) (P. & S.)

State latest date of internal examination of each boiler 23.5.49 & 26.8.49 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? 220 lbs

Did the Surveyor examine the Safety Valves of the Donkey Boilers? v To what pressure were they afterwards adjusted under steam? v

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boilers? v

Did the Surveyor examine the drain plugs of the Main Boilers? No, and of the Donkey Boilers? v

Did the Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boilers? v

Has the screw shaft now been drawn and examined? No Has it a continuous liner? Yes Is an approved oil retaining appliance fitted at the after end? v

Has shaft now been changed? No If so, state reasons v Has the shaft now fitted been previously used? Yes Has it a continuous liner? Yes

Is an approved oil retaining appliance fitted at the after end? v State date of examination of Screw Shaft v State the wear down in the stern bush 1/32" Is electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

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

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 v

Vessel placed in drydock. Propeller & shaft examined externally. No wear in stern bush. Sea connections opened, cleaned examined and good. Repairs: Main engine completely opened, examined and had after HP piston renewed. Guide plane on aft HP cylinder completely overhauled in shop, replaced, packed to correct distance and found good. The other guide planes checked and lined in in place. Piston rods, patent bolts, crank & main bearings, valve pistons, glands, excenters and all appendages opened, examined, faired as necessary and tested with engine moving in good condition. All pumps, evaporator, condenser, examined, partly overhauled and tested in good condition. Steering engine overhauled and found good. El. plant el generator overhauled, examined and tested good. 1 tube w/ferrules in condenser renewed after cut-test. Main boilers, opened, examined and had 6 - 2" W Tubes in Port. s. boiler renewed. St.b. boiler had 2 W Tubes renewed after satisfactory cut test. Superheaters in both boilers were reduced on HS. 14 bends removed in each and replaced by 16 shorter ones. All boiler appendages overhauled and found good. Boilers W.P tested and good. Safety valves set to correct pressure.

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, B&MS 9,11 ✠LMC 9,11 or ✠LMC 140 lb., FD, &c.) CS 3.34.

It is recommended that this vessels machinery remain as classed in the Register Book and with these fresh entries: MBS * 10/49 Blr S 10/49 msp 10/49

Survey Fee (per Section 29) Kr. 620 — Fees applied for 5/12/1949

Special Damage or Repair Fee (if any) (per Section 29.) £ : :

Travelling expenses (if chargeable) Kr. 230 Received by me, 19

Committee's Minute WED. 8 FEB 1950

Assigned MBS * 10.49 Blr. S. 10.49 msp. 10.49

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT OSLO OFFICE No. 205 FEB

P. Siira Reed

Engineer Surveyor to Lloyd's Register of Shipping.

CERTIFICATE WRITTEN.

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

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

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