

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

(Received at London Office)

Report made on 17/6 37 When handed in at Local Office 22/6 37 Port of Oslo
 Survey held at Moss Date, First Survey 10/5 Last Survey 9/6 1937
 (No. of Visits 6)
 on the Machinery of the Wood-Iron or Steel screw steamer "RAGNI"
 1264 Vessel built at Campbeltown By whom Campbeltown SB Co. Ltd. When 1919 12
 747 Engines made at Glasgow By whom Ross & Duncan When 1919
 142 Boilers, when made (Main) 1919 (Donkey)
 2 Owners A/S Ragnito Owners' Address Oslo
 2 Managers Erling Mortensen A/S (If not already recorded in Appendix to Register Book.)
 180 If Surveyed Afloat or in Dry Dock fl. dock. Port Oslo Voyage
 (State name of Dock.) Moss Varft & Dokk

Port No. Port
 Particulars of Examination and Repairs (if any) B.S.

Surveys, when held, must be reported in detail and verification in the terms of the Rules. State clearly the nature, if any, and, in detail, the nature and extent of examinations and subsequent repairs. Repairs on machinery (the cause of which must be stated) should be separated from repairs due to other causes; and detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he has examined the machinery for this purpose, and why they were declined.

Has a report made by anyone else? If so, by whom?

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

Donkey " " "

done, state for what reasons?

Of the Boilers could not be thus thoroughly examined?

What 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 of internal examination of each boiler 1/6 37

Has the Surveyor examined the Safety Valves of the Main Boiler? Yes

To what pressure were they afterwards adjusted under steam? 100 lbs.

Has the Surveyor examined the Safety Valves of Donkey Boiler? Yes

To what pressure were they afterwards adjusted under steam?

Has the Surveyor examined all the manholes, doors and their fastenings of the Main Boilers? Yes

and of the Donkey Boilers?

Has the Surveyor examined the drain plugs of the Main Boilers? Yes

and of the Donkey Boiler?

Has the Surveyor examined all the mountings of the Main Boilers? Yes

and of the Donkey Boiler?

Has the 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?

Has the shaft been changed? If so, state reasons

Has the shaft now fitted been previously used? Yes Has it a continuous liner? Yes

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Examination of Screw Shaft State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft

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

Is electric light and power fitted? Yes

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

Vessel placed in floating dock and the screw shaft, stern tube and propeller examined in position. cocks and valves opened up and examined.

Furnaces opened cleaned and carefully examined internally and externally with manholes, doors and doors, safety valves and other mountings.

Furnaces examined under steam pressure and the safety valves set to 130 lbs. per sq. inch.

Work now effected:-The furnaces faired and each stiffened by 3 rings welded to the furnaces.

Combustion chamber stb. boiler and the port combustion chamber port boiler cut out as per sketch and the staybolts in way of the renewed plates renewed. All tubes in the boilers

Electric light has now been fitted, see attached report no. 4948. Plan of switchboard as now fitted is attached.

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 what alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 0, 11, L.R.B. 0, 11, & L.M.C. 0, 11, or B.S. 140 lb., F.D., &c.)

and notation of BS 6, 37

Section 28) Kr. 60.- Fees applied for 16/6 19 37
 Section 29) £ 100.- Received by me, 19/6 19 37
 Light installation
 Expenses (if chargeable)

Boiler's Minute

TUE 20 JUL 1937

CERTIFICATE WRITTEN

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

W467-0276

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