

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

(Received at London Office, 19 AUG 1940)

Date of writing Report 19 1940 When handed in at Local Office 19 1940 Port of London.

No. in Survey held at London. Date, First Survey and Last Survey 27-7-1940
3078. on the Machinery of the Wood, Iron or Steel M.V. RIAN.

Gross 232. Net 131. Vessel built at Warkhuizen. By whom Geb. van Diepen. When 1934
Engines made at Kohn-Daely. By whom Humboldt-Deutz, m. Storen. When 1934.
Boilers, when made (Main) ✓
Owners D. Bwinning. Owners' Address Port Canning Voyage
Managers
Surveyed Afloat or in Dry Dock Survey OK.

Particulars of Examination and Repairs (if any) General En.

Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly 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.

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.

as 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?

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

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?

What is the latest date of internal examination of each boiler?

Did the Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?

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

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

Did the Surveyor examine the drain plugs of the Main Boilers? and of the Donkey Boilers?

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

Has the screw shaft now been drawn and examined? Is it fitted with continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

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

What is the date of examination of Screw Shaft? State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft.

Did the Surveyor examine the generators, motors, switchgear, cables and fuses? Is electric light and/or power fitted?

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

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

The Machinery requires to be opened up & examined & the vessel examined in dry dock. The Machinery has been examined externally and appears to be in order. The following items have been dealt with under the supervision of the Ministry of Shipping (No opportunity was afforded to join in the survey). Piston rings & gudgeons have been renewed (old piston hbed). gasket & air inlet valve renewed. Bottom end adjusted. No. 3 Cylinder cover lifted, new gasket fitted. Exhaust manifold expansion chamber repaired. No. 2 & 3 units. Fuel pump cleaned & fuel pipes to cylinders renewed. Water circulating pump overhauled & valves reset. Sealing rings & air chamber joint renewed. Main engine oil sump cleaned & replenished.

General Observations, Opinion, and Recommendation: For the information of the Committee (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, I.M.S. 9,11, & L.M.C. 9,11, or L.M.C. 140 lb., F.D., &c.)

Survey Fee (per Section 29) £ : : Fees applied for 19
Special Damage or Repair Fee (if any) £ : : Received by me, 19
Printing expenses (if chargeable) £ : :
TUE 27 AUG 1940

Committee's Minute
Signed No action

J. Fullerton
Engineer Surveyor to Lloyd's Register of Shipping.
Lloyd's Register Foundation
W310-0076

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

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

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

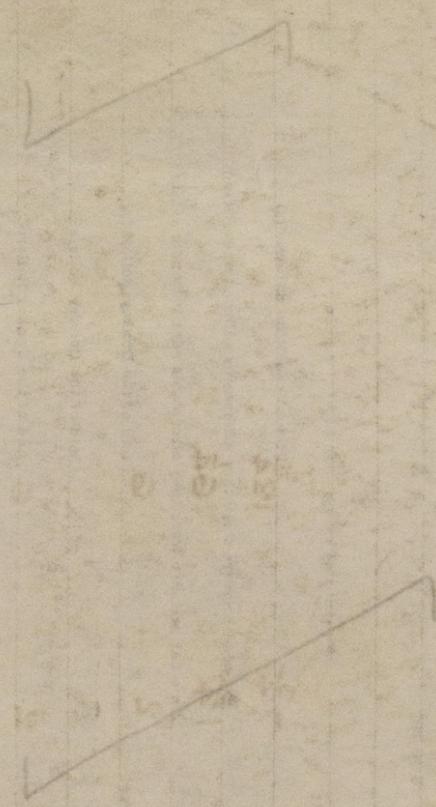
As the machinery has not been
examined under working conditions
& no parts opened up for inspection
nothing is known by the Society as
to the condition of the engine.

It is submitted that in view of
this the examination report
should be held back until
something is known
about the condition.

[Handwritten signature]

20/8/40

[Faint, mostly illegible handwritten notes in the left margin, possibly including the word 'condition']



12/8/40
45837
45838
45839

[Faint handwritten notes and markings on the right side of the page, including some numbers and possibly names]

