

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

(Received at London Office JUN 14 1939)

Date of writing Report 13th June 1939 When handed in at Local Office 13. 6. 1939 Port of Bremen

No. in Reg. Book 71048 Survey held at Bremen Date, First Survey 8th June 39 Last Survey 12th June 1939
(No. of Visits 3)

on the Machinery of the Wood, Iron or Steel BORBECK

Tonnage } Gross 6002 Vessel built at Bremen By whom Workman, Clark & Co. Ltd. When 1923-9
Net 3100 Engines made at Bremen By whom Workman, Clark & Co. Ltd. When 1923

Nominal Horse Power } 636 Boilers, when made (Main) 1923 (Donkey) 1923
No. of Main Boilers 3 5/8 Owners Fried. Krupp A.G. Owners' Address _____
(if not already recorded in Appendix to Register Book.)

No. of Donkey Boilers 1 Managers Fried. Krupp's Reed. & Tramp. Bedriff N.V. Port Bremen Voyage Havrik
Steam Pressure in Main Boilers 180 lb. If Surveyed Afloat or in Dry Dock afloat in dry dock
(State name of Dock.) A.G. Wiser

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any) Exmpl. BS & TS

(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. H. 10. 6. 39)

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? no

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

If this was not done, state for what reasons? Main Boilers have been surveyed in Rotterdam

And what parts of the Boilers could not be thus thoroughly examined? none

Also 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 latest date of internal examination of each boiler DB. 8th June 1939 Present condition of funnel(s) _____

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

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

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

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

Has 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? no

Has shaft now been changed? no If so, state reasons _____

Has 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? _____

State date of examination of Screw Shaft 9. 6. 39 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft apit

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

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

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 complete

In dry dock examined propeller, sternbush, tail shaft drawn in, sea-combustions opened out & fastenings and found all of these parts in good condition after the sternbush has been renewed at lower half. Examined the Donkey Boiler inside & outside with mountings opened out, manholes, doors & fastenings and found all of these parts in good condition. Under steam found this boiler tight and all safety valves adjusted to 100 lbs of pressure.

General Observations, Opinion, and Recommendation:— The machinery of this vessel, as far as seen, is in good condition eligible in my opinion to remain as classed in the Port. Reg. Book with from records of BS. 4. 39 and Tail Shaft CL seen 6. 39.

Survey Fee (per Section 29)..... RM: 80/- Fees applied for 13. 6. 1939
Special Damage or Repair Fee (if any)..... _____
(per Section 29.) _____
Travelling expenses (if chargeable)..... _____ Received by me, _____

Committee's Minute _____
Assigned _____
TUE, 4 JUL 1939
H. 39

A. Cantillon
Engineer Surveyor to Lloyd's Register of Shipping.
Lloyd's Register Foundation

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

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