

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

(Received at London Office)

Date of writing Report 29. 10. 1945

When handed in at Local Office 29. 10. 1945

Port of

NEWCASTLE-ON-TYNE

No. in Survey held at James - n - Gpe

Reg. Book.

Date. First Survey 28. 6. 45 Last Survey 26. 10. 1945

on the Machinery of the Wood, Iron or Steel S.S. "Empire Consequence" ex "Friedrich Bittchoff"

(No. of Visits 17)

Year. Month.

Tonnage Gross

Vessel built at Lubeck (Nº 8396) By whom Lubecker Maschinenbau Gesellschaft

When 1940 12

Nominal

Engines made at Allona, Offensen (Nº 1430) By whom Offensener Eisenwerk

When 1939

Horse Power

Boilers, when made (Main) Bremen (P. 1840 S. 1842) (Donkey) Deutsche Schiff und Maschinenbau A.G.

No. of Main Boilers 2 (44)

Owners. Ministry of War Transport

Owners' Address

L Weser.

No. of Donkey Boilers none

Steam Pressure

Managers Shipping & Coal Co. Ltd.

(if not already recorded in Appendix to Register Book.)

in Main Boilers 235 lb.

in Donkey Boilers

If Surveyed Afloat or in Dry Dock Newcastle & afloat.

(State name of Dock.)

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

Last Report No.

Port

Particulars of Examination and Repairs (if any)

S.E. B.S. 21.

(Periodical Surveys, when held, must be reported in detail and serially 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? Donkey " " " None fitted.

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?

date of internal examination of each boiler P 24. 9. 45 S. 9. 10. 45

Did the Surveyor examine the Safety Valves of the Main Boilers? Yes

To what pressure were they afterwards adjusted under steam? 240 lbs.

Did the Surveyor examine the Safety Valves of the Donkey Boilers? Yes

To what pressure were they afterwards adjusted under steam? Yes

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

Did the Surveyor examine the drain plugs of the Main Boilers? None fitted.

Did the Surveyor examine all the mountings of the Main Boilers? Yes

Has the screw shaft now been drawn and examined? Yes

Has it a continuous liner? Yes

Is an approved oil retaining appliance fitted at the after end? No

Has shaft now been changed? No If so, state reasons.

Has the shaft now fitted been previously used? Yes

Is an approved oil retaining appliance fitted at the after end? Yes

State date of examination of Screw Shaft 14. 8. 45

State the wear down in the

stern bush Close

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. Complete.

Now done:- Vessel in dry dock, examined Propeller, screw shaft, stern bush, sea connections & outside fastenings; cylinders, pistons, valves, seats; crank, thrust & tunnel shafting; air, feed, circulating, S.S. & ballast pumps & valves; condenser under test; Exhaust-turbine casing, rotor & gear; crankless engine; The main boilers throughout & mountings & their safety valves adjusted under steam as above.

Repairs, done & done:- After H.P. piston rings removed. Turbine rotor bearings reinstalled; pump engine crank shaft journals skinned & bearings reinstalled; Impeller lined up & tested; the boilers blow down chests renewed; Boilers Prodhomme Capus type.

Completion of repairs the main & aux. Machinery satisfactory under working conditions.

If requested by the Owners, the above items now examined, may be accepted under L.M.C.

General Observations, Opinion, and Recommendation:—The machinery of this vessel, as far as now

(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.)

Seen, is eligible in our opinion to have the following notation in the Register Book:—Examined 10.45 (12 months) B.S. 10.45. T.S. 8.45 C.L.

Survey Fee (per Section 29) £ 9 : 0 : 0

Fees applied for

Special Damage or Repair Fee (if any) £ 2 : 0 : 0

2 NOV 1945

Travelling expenses (if chargeable) £ 33 : 0 : 0

Received by me,

LICENCE CASE

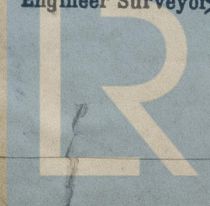
19

Committee's Minute TUES. 11 DEC 1945

Assigned Examined LR 10.45

S 8.45 CL BS 10.45 (235 lb.)

Engine Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

SURVEY OF ELECTRICAL INSTALLATION.

FIRST SURVEY 17/8/45
No. OF VISITS 2

Generators 20K.W. Steam.
9K.W. Diesel
15K.W. Connected to main drive.

The 20K.W. Generator was cleaned, brush gear overhauled, tested, and found satisfactory. 15K.W. 9K.W. were removed ashore, overhauled, armatures rewound, tested at the works, and refitted.

The Installation was megger tested, faults located and removed.

Food accom. lighting was rewired, Midship Accom. partly rewired.

The navigation circuit was overhauled, and new Admiralty pattern Echo sounding equipment installed.

On completion the Equipment was tested and found satisfactory.

A. R. Pimentel.