

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

(Received at London Office NOV -7 1938)

Date of writing Report 4<sup>th</sup> Nov 1938 When handed in at Local Office 4<sup>th</sup> Nov 1938 Port of Bordeaux

No. in Reg. Book. Survey held at Bassus & Bordeaux Date, First Survey 22<sup>nd</sup> Oct Last Survey 4<sup>th</sup> Nov 1938

73.267 on the Machinery of the Wood, Iron or Steel Sc. "DIANA" (No. of Visits 5)

Tonnage Gross 1196 Net 695 Vessel built at Port of Glasgow By whom Russel & Co When 1888-8

Nominal Horse Power 115 NHP Engines made at Greenock By whom Kincaid & Co When 1888

No. of Main Boilers 1 S.B Boilers, when made (Main) Feb. 1909 (Donkey) 1903

No. of Donkey Boilers 1 D.B Managers F. Con. Owners' Address Scotia Corporation Port Panama Voyage Marseilles

Steam Pressure in Main Boilers 150 lb If Surveyed Afloat in Dry Dock Particulars of Classification which must be inserted precisely as in Register Book & Supplements.

in Donkey Boilers 80 lb (state name of Dock.)

Last Report No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any) Docking of Part B.S. + 100 A. 1.5.38 + L.M.C.

(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.)

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 main boiler

Donkey " " " " " " \_\_\_\_\_

If this was not done, state for what reasons? \_\_\_\_\_

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 Main boiler 2/11/38 Present condition of funnel(s) good

Did the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 150 lbs

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? yes, and of the Donkey Boilers? \_\_\_\_\_

Did the Surveyor examine the drain plugs of the Main Boilers? None, and of the Donkey Boilers? \_\_\_\_\_

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

Has screw shaft now been drawn and examined? No 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? yes

Has shaft now been changed? \_\_\_\_\_ 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 \_\_\_\_\_ State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 2 m

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

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? \_\_\_\_\_

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 to complete the survey the

donkey boiler requires to be examined in its entirety.

Now done for B.S. Main boiler examined internally & externally with its

safety valves doors & mountings. 10 plain tubes & 1 stay tube in 1<sup>st</sup> Combustion

chamber renewed. 32 other tubes in the three C.C. expanded & sundry other

minor repairs carried out. Boiler hydraulically tested to 150 lbs after repair

Main boiler safety valves adjusted under steam to 150 lbs.

L.P. piston repaired, ring adjusted up and new springs fitted

Now done for docking of vessel placed in dry dock. Propeller,

stern bush & fastenings examined. Sea connections examined.

Please refer to copy of Interim Certificate B1 forwarded

herewith.

General Observations, Opinion, and Recommendation: The boilers of this vessel

(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, B.S.M.S. 9.11, L.M.C. 9.11, or R.L.M.C. 120 lb., F.D., &c.)

as far as now seen, are in safe working condition and in my opinion

are eligible to remain as classed and to have fresh record

of B.S. 11.38 when the survey has been completed as above.

Survey Fee (per Section 29) £ 4.00 Fees applied for 4.11.1938

Special Damage or Repair Fee (if any) £ \_\_\_\_\_ Received by me, \_\_\_\_\_

(per Section 29.) Travelling expenses (if chargeable) £ 1.20

Committee's Minute \_\_\_\_\_ FRI. 18 NOV 1938

Assigned Deferred

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

W1049-0181

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