

No. 119686

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

(Received at London Office

26 JAN 1950)

29 DEC 1949

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Report of writing Report.....19..... When handed in at Local Office.....19.....

Survey held at London Date. First Survey 18-10-49 Last Survey 2-1-50  
(No. of Visits.....3.....)

Survey on the Machinery of the Wood, Iron or Steel Dragnet "INDIA" Year. Month. 1911-6

Age { Gross 520 Vessel built at Paisley By whom Fleming & Ferguson Ltd When 1911-6  
Net 456 Engines made at \_\_\_\_\_ By whom \_\_\_\_\_ When \_\_\_\_\_  
Main Boilers 2 Boilers, when made (Main) 1911 (Donkey) \_\_\_\_\_  
Donkey Boilers 140 Owners Port of London Authority Owners' Address \_\_\_\_\_  
Managers \_\_\_\_\_ (if not already recorded in Appendix to Register Book.)  
If Surveyed Afloat or in Dry Dock Millwall Dry Dock Port London Voyage \_\_\_\_\_  
(State name of Dock.) H.M. Survey Commercial.

Report No. \_\_\_\_\_ Port \_\_\_\_\_  
Particulars of Examination and Repairs (if any) Boilers Survey Docking &

Special Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, 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.....

Where 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 \_\_\_\_\_

Has 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

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

State for what reasons \_\_\_\_\_ 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? \_\_\_\_\_

State the latest date of internal examination of each boiler 12-12-49 Present condition of funnel(s) Good

Did the Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 140 lb/sq"

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

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

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

Has the shaft now been changed? Yes If so, state reasons \_\_\_\_\_ Has the shaft now fitted been previously used? Yes Has it a continuous liner? Yes

Is an approved oil retaining appliance fitted at the after end? Yes State date of examination of Screw Shaft \_\_\_\_\_ State the wear down in the screw bush \_\_\_\_\_

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

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

Work Done for Docking Vessel placed in Dry Dock, sea connections & overboard ship's side discharge valves together with their outside fastenings examined & found, or placed, in good condition

Work Done Boilers Survey Both Boilers opened out & examined internally and externally together with mountings, securing arrangements & fastenings and Safety Valves. All found or placed in good condition.

Remarks The Pumping arrangements were tested under working conditions. Bilges flooded & pumped out.

A small corroded patch on Circumferential steam, inboard back of Port-Boiler, also a small corroded patch inboard back of Starboard Boiler, were built up by welding.

The Boilers were subsequently examined under steam and Safety Valves adjusted to lift at Working Pressure.

The Pump, Valves, Line of Piping, Suction Strainers etc were examined, pipes renewed (and Suction Strainers) where necessary & all valves refitted.

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

(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 2,11, B&MS 2,11, LMC 2,11 or LMC 140 lb., FD, &c.)

is in good condition & eligible in my opinion to remain as classed with Fresh Award of BS 12,49.

Survey Fee (per Section 29) BS £ 7 : - - Fees applied for 26 JAN 1950  
Special Damage or Repair Fee (if any) £ \_\_\_\_\_ Received by me, \_\_\_\_\_  
Docking expenses (if chargeable) £ \_\_\_\_\_

Committee's Minute \_\_\_\_\_  
Signed \_\_\_\_\_ FRI. 24 FEB 1950 BS 1,50

J. R. Bell for Mr. Blacklock Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation  
009008-009014-0084

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

140 lb.

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