

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

(Received at London Office)

14 JUL 1932

Date of writing Report 12. 7. 32 When handed in at Local Office 12. 7. 32 Port of MIDDLESBROUGH.
 No. in Reg. Book 58464 Survey held at Middlesbrough. Date, First Survey 5. 7. 32 Last Survey 12. 7. 1932
 on the Machinery of the Wood, Iron or Steel SS. "BLOEMFONTEIN" (No. of Visits 3.)
 Tonnage { Gross 4674 Vessel built at Dumbarton By whom A. McMillan & Son Ltd. When 1906-10
 Net 2961. Engines made at Glasgow. By whom Dunsmuir & Jackson When 1906.
 Nominal Horse Power 478. Boilers, when made (Main) 1906. (Donkey) 1906.
 No. of Main Boilers 2. Owners Ellerman & Bucknall SS Co Ltd Owners' Address Port N. Shields Voyage Daly
 No. of Donkey Boilers 1. Managers (if not already recorded in Appendix to Register Book.)
 Steam Pressure in Main Boilers 180 lb. Surveyed Afloat or in Dry Dock Quarantine Buoy. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 in Donkey Boilers Aux. 17. (State name of Dock.)

Last Report No. _____ Port _____
 Particulars of Examination and Repairs (if any) Comp. B.S.

(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? STAR.

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

Do. " Donkey " " " None.

If this was not done, state for what reasons? Port & Aux. Boilers already examined (Hull Rpt. 42463).

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? None.

Did the Surveyor examine the Safety Valves of the Main Boiler? Star. - Yes. To what pressure were they afterwards adjusted under steam? 180 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes. To what pressure were they afterwards adjusted under steam? 180 lbs.

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

Did the Surveyor examine the drain plugs of the Main Boilers? None. and of the Donkey Boiler? Yes.

Did the Surveyor examine all the mountings of the Main Boilers? Star. - Yes. and of the Donkey Boiler? Yes.

Has 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 shaft now been changed? If so, state reasons None.

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 the distance between lignum vite or bearing metal of stern bush and top of after bearing of screw shaft Complete.

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

NOW DONE. The starboard boiler and its mountings examined and put in good order and the safety valves of all boilers adjusted under steam. Repairs to Port boiler recommended in Hull Rpt. 42463 carried out.

Repairs Following broken screwed stays renewed.
Port Boiler one between port combustion chamber & shell
 six " centre 7 star. combustion chamber.
 three " star. combustion chamber & shell.
Star. Boiler three " port " " "
 one " star. " " "

General Observations, Opinion, and Recommendation:— The machinery of this vessel is in good working condition and eligible, in my opinion, to remain as classed and to have fresh record B.S. T. 32.

Fee (per Section 29) £ 4-0-0 Fees applied for 13. 7. 1932
 Special Damage or Repair Fee (if any) £ : :
 Calling expenses (if chargeable) £ : :
 Received by me, P. J. McA...
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute Deferred FRI. 22 JUL 1932. FRI. 23 SEP 1932



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