

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

(Received at London Office)

30 APR 1952

Date of writing Report 22-4-52 When handed in at Local Office 24 APR 1952 Port of LIVERPOOL

No in Reg. Book Survey held at Liverpool Date First Survey 9-4-52 Last Survey 21-4-52 (No. of Visits 2)

25617 on the Machinery of the ~~Wood, Iron or Steel~~ S.S. SANDHOLM

Tonnage { Gross 363 Vessel built at Newcastle By whom J. & D. Morris, Ltd. Year 1920 Month 9  
 Net 133 Engines made at S. Shields By whom G.T. Grey & Co., Ltd. When 1920  
 Nominal { 64 Boilers, when made (Main) 1920 (Donkey) -  
 Horse Power { Owners. Holmsand & Gravel Co. Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)  
 No. of Main Boilers 15 Managers T.R. Brown & Sons, Ltd. Port Bristol Voyage  
 No. of Donkey Boilers - If Surveyed Afloat or in Dry Dock Afloat.  
 Steam Pressure in Main Boilers 130 (State name of Dock.) Solihury.  
 in Donkey Boilers -

Last Report No. 17988. Port BRS.

## Particulars of Examination and Repairs (if any) BS.

(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 through examination at this time? Yes.

" " Donkey " " " "

If not, 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? 9-4-52.

State latest date of internal examination of each boiler. 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? 130 lb/sq. in.

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?

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

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

Has the screw shaft now been drawn and examined? No. Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

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 oil retaining appliance fitted at the after end? State date of examination of Screw Shaft. State the wear down in the

stern bush. 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?

Engine parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

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

Now Done:- The boiler examined throughout with Safety Valves and all mountings. Safety Valves adjusted to approved pressure.

Repairs. Handhole aperture E.W. and door refitted. 1 c.c. stay removed.

## General Observations, Opinion, and Recommendation:-

(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 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

\*LMC 140 lb., FD, &amp;c.)

CS 3,34

The machinery of this vessel so far as now seen is in efficient condition is eligible in my opinion to remain as now closed with fresh re of BS. 4.52.

Survey Fee (per Section 23) BS. 5 00  
 Special or Repair Fee (if any) 2 20  
 Travelling expenses (if chargeable) £

Fees applied for 25 APR 1952

Received by me,

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Committee's Minute LIVERPOOL 29 APR 1952

Assigned B.S. 4.52.