

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

(Received at London Office 12 JAN 1946)

Date of writing Report 30-11- 19 45 When handed in at Local Office 30-11- 19 45 Port of PORT NATAL

No. in Survey held at PORT NATAL Date, First Survey 24-8-45 Last Survey 27-11- 19 45
Reg. Book. (No. of Visits 10)

30691 on the ~~Woods~~ Steel S/S. OLCADES

Tonnage { Gross 6891 Vessel built at Belfast By whom Workman Clark & Co. Ltd. Year 1918 Month 10
Net 4065 Engines made at Belfast By whom Workman Clark & Co. Ltd. When 1918

Nominal Horse Power 634 Boilers, when made (Main) 1918 (Donkey) -

No. of Main Boilers 3 Owners The Admiralty Owners' Address -
(if not already recorded in Appendix to Register Book.)

No. of Donkey Boilers - Managers The Admiralty Port London Voyage -

Steam Pressure - In Main Boilers 190 lb If Surveyed Afloat or in Dry Dock Port Natal Graving Dock
In Donkey Boilers - (State Name of Dock.)

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

| CHARACTER for Special Survey Date of last Survey and of Periodical Surveys. | Years assigned now expired. | Machinery and Boiler Surveys (including date of N.B., if any) |
|---|-----------------------------|---|
| +100 A1 7,43 | | +LMC MS 11,38 |
| ss Pts No. 3-10, 30 | | BS 1,45 |
| ss NWC No. 2-38 | | S.(CL) 5,43 |
| Exd 7,43 | | |
| <i>Clamping job in hull. Subst. for dist. tank. 10.18. 15.10.45</i> | | |

Last Report No. - Port -

Particulars of Examination and Repairs (if any) Cond. +BS. +Gen. Exam.

(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

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

If this was not done, state for what reasons? -

And what parts of the Boilers could not be thus thoroughly examined? -

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 all boilers 12-9-45 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? 190 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? -, 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? -

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 140/1000"

Engine parts, when referred to by numbers, should be counted from forward. Is electric light ~~and 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

NOW DONE FOR CONDITION.

Vessel placed in drydock, propeller and outerend of sternbush with their fastenings examined and found good.

All sea connection opened up, same with their fastenings examined and found good.

NOW DONE FOR B.S.

All three boilers examined internally and externally with mountings, safety valves, doors and their fastenings and all found or placed in good condition. Safety valves afterwards adjusted under steam to lift at a pressure of 190 lbs per square inch.

Oil burning installation examined under working condition and found satisfactory.

NOW DONE FOR GENERAL EXAMINATION. (See over).

General Observations, Opinion, and Recommendation:— The machinery of this vessel is eligible

(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, etc.; thus, for example, B.S. 9,11, B. & M.S. 9,11, L.M.C. 9,11, or LMC 140 lb., F.D., etc.)
CS 3,34.

in my opinion to remain as classed and to have the record of B.S. 11,45.

Survey Fee (per Section 29) B.S. £17: 10 0
Tset of steam pipes 4 4 0
Repair Fee (if any) £ : :
Elec. instal. 6 0 0
Travelling expenses (if chargeable) £ 1 7 6
Fees applied for 29-11-45
Received by me, 19.

Committee's Minute FRI. 15 FEB 1946

Assigned As now

Examined 11,45
BS 11,45

Shankare
Engineer Surveyor to Lloyd's Register of Shipping.
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Insert Character of Ship and Machinery precisely as in the Register Book.

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

On discussing the condition of the machinery with the Chief Engineer he stated that the main engine and auxiliaries were giving satisfactory services and no defects were reported.

The following machinery parts, now opened up, examined and found in good condition.

Main engine thrust shaft and thrust block with bearings complete.

Main circulating pump with engine complete.

The main engine and auxiliaries further examined externally and the auxiliaries under working condition and found satisfactory.

The generators, main switch board, subdistribution boxes, fuses and electric cables as far as practicable examined and found good.

A megger test has now been carried out on the generators and cables and all wires which were found defective have been satisfactory renewed.

Two main steam pipes and two auxiliary steam pipes removed examined internally and subsequently tested under a hydraulic pressure as required by the rules and found good. Adjoining steam pipes examined internally and found satisfactory.

REPAIRS W & T.

Stbd. Boiler. Blowdown valve chest renewed, thin in way of valve seat. New chest, locally made, examined during machinery and afterwards tested to a hydraulic pressure as required by the rules and found good.

H. M. Carr

BS due 1.46 held machinery generally examined

It is submitted that

vessel is eligible for

RECORD. BS 11.45

Examined 11.45

Note Steam pipes tested 11.45.

Reed

12/2/46



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