Rpt. 9. No. 114036

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

(Received at London Office 18 JUL 1946)

Date of writing Report 18 JUL 1946 19..... When handed in at Local Office 18 JUL 1946 19..... Port of London.

No. in Reg. Book. 18280 Survey held at London. Date. First Survey 22.2.46 Last Survey 11.5.1946 (No. of Visits 8)

on the Machinery of the ~~Wood, Iron or~~ Steel S.S. "Jose Dias"

Tonnage: Gross 1199 Net 642 — Vessel built at Rendsburg. By whom Werft Nobiskrug When (Year. Month.) 1921

Nominal Horse Power ✓ — Engines made at Altona By whom Ottensener Maschf When 1921

No. of Main Boilers 2 — Boilers, when made (Main) 1921 (Donkey) ✓

No. of Donkey Boilers ✓ — Owners U.S.S.R. Owners' Address (if not already recorded in Appendix to Register Book.)

Steam Pressure — in Main Boilers 185 — Managers Port ✓ Voyage

in Donkey Boilers ✓ — If Surveyed Afloat or in Dry Dock (State name of Dock.) Afloat & in Dry Dock Union

Last Report No. Port

Particulars of Classification (which must be inserted precisely as in Register Book & 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)
Examined LR		T.S. New 9.45
9.45		OB.
9.45		

Particulars of Examination and Repairs (if any) Docking · Condition & 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?

Did the Surveyor personally go inside each Main Boiler separately and make a thorough 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? ✓

State latest date of internal examination of each boiler 25.4.46 P&S. Present condition of funnel(s) Satisfactory

Did the Surveyor examine the Safety Valves of the Main Boilers? Yes. To what pressure were they afterwards adjusted under steam? 185 lbs.

Did the Surveyor examine the Safety Valves of the Donkey Boilers? ✓ 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? Not fitted, 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? No Is an approved oil retaining appliance fitted at the after end? Yes

Has shaft now been changed? No 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 .028" 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.

Engine parts, when referred to by numbers, should be counted from forward.

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

How done for docking: Vessel placed in dry dock, propeller & after end of stern bush examined & found in good order. All underwater valves opened, examined & found or placed in good order.

How done for B.S: Boilers examined internally & externally together with all doors, fastenings & mountings & placed in good order. Safety valves subsequently adjusted to 185 lbs sqr ins. Complete new superheat equipment fitted to each boiler. Saturated steam pipes to superheaters examined & tested.

How done for Condition: H.P cylinder rebored & new piston & rings fitted. New metallic packing fitted to H.P. I.P. and L.P. piston rods and valve spindles. New L.P. crosshead made & fitted. Thrust shoes removed and P.T.O

General Observations, Opinion, and Recommendation:— The machinery of this vessel as far as now seen is in good order & eligible in our opinion to remain as classed & to have record of B.S. 4.46.

(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 9,11, B&MS 9,11 ✠LMC 9,11 or ✠LMC CS 9,34, 140 lb., FD, &c.)

Survey Fee (per Section 29) £ 7 : - : - — Fees applied for 18 JUL 1946

Special Damage or Repair Fee (if any) (per Section 29.) £ : : — Received by me, 19

Travelling expenses (if chargeable) £ : : — A.C. Widgery. R. Lockhart. B.S. Berlawski.

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute WED. 14 AUG 1946

Assigned BS 5.46 (185 lb.) LR.

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

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

(The Surveyors are requested not to ...)

010451-010460-0059

Ctd remetalled, water ways cleaned out. Feed water heater fitted with new C.I. header & cover. Feed water filter fitted with new C.I. body.
All E.R. and stopcock gauges overhauled & calibrated
Ballast pump opened & parts renewed as found necessary.
Main feed pumps opened & overhauled new piston & bucket rods fitted.