

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

(Received at London Office TUE. SEP - 8, 1914)

Date of writing Report _____ When handed in at Local Office SEP 7 1914 Port of NEWCASTLE-UP-TYNE

No. in Reg. Book. 441 Survey held at North Shields Date, First Survey _____ and Last Survey 26 Aug 1914 (No. of Visits _____)

on the Machinery of the Wood, Iron or Steel of S/S San Marario Master _____

Tonnage { Gross _____ Net 927.5 Vessel built at Sunderland By whom W. Doxford & Sons Ltd When 1914

Registered Horse Power { _____ Engines made at Sunderland By whom W. Doxford & Sons Ltd When 1914

No. of Main Boilers _____ Boilers, when made (Main) _____ (Donkey) _____

No. of Donkey Boilers _____ Owners Cape oil transport co Ltd Port London Voyage _____

Steam Pressure in Main Boilers _____ If Surveyed Afloat or in Dry Dock Neither Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boilers _____

Last Report No. 26225 Port SEA

Particulars of Examination and Repairs (if any)

(Periodical Surveys, when held, must be reported in detail and serially 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 summarized at the end of the report. State also the dates and initials of any letters respecting this case.)

| CHARACTER. X for Special Survey. Date of last Survey and of Periodical Surveys. | Year Assigned not expired. | Machinery and Boiler Surveys (including date of N.B., if any). |
|---|----------------------------|--|
| <u>100A1</u> | | |
| <u>Class Contemplated</u> | | |
| <u>Carrying Petroleum</u> | | |
| <u>in Bulk</u> | | |

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? _____

Do. " Donkey " " " " _____

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? _____

Did the Surveyor examine the Safety Valves of the Main Boiler? _____ To what pressure were they afterwards adjusted under steam? _____

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? _____, and of the Donkey Boiler? _____

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

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

Has screw shaft now been drawn and examined? no Is it fitted with continuous liner? _____ or two liners? _____ or is it without liners? _____

Has shaft now been changed? no If so, state reasons _____

Is the shaft now fitted new? _____ Has it a continuous liner? _____ or two liners? _____ or is it without liners? _____

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? nil.

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

The propeller outside fastenings examined found in good condition

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, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,11, B.&M.S. 9,11, or L.M.C. 9,11, 140 lb., E.D., &c.)

In my opinion the machinery is now so far as seen in good condition.

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|--|-----------------------|
| Survey Fee (per Section 28)..... £ : : | Fees applied for |
| Special Damage or Repair Fee (if any)..... £ : : | |
| Travelling Expenses (if chargeable)..... £ : : | |
| | Received by me, _____ |

Leonard G. Shallcross
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute _____ TUE. SEP - 8, 1914

Assigned *See minute on T.S. report.*



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