

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

(Received at London Office)

MON. 6 DEC. 1920

Date of writing Report 11th Nov. 1920 When handed in at Local Office 11th Nov. 1920 Port of Rio de Janeiro

No. in Reg. Book. Survey held at Rio de Janeiro Date, First Survey 8th Nov. Last Survey 8th Nov. 1920

on the Machinery of the Wood, Iron or Steel S.S. S. "S. Paulo" (No. of Visits 1)

Tonnage { Gross 3583 Net 2213 Vessel built at Belfast By whom Workman Clark & Co. Ltd. When 1907 12

Registered Horse Power 534 Engines made at Belfast By whom Workman Clark & Co. Ltd. When 1907

No. of Main Boilers 3 Boilers, when made (Main) 1907 (Donkey) ✓

No. of Donkey Boilers ✓ Owners Lloyd Brasileiro Port Rio de Janeiro Voyage Buenos Aires

Steam Pressure in Main Boilers 180 lb. If Surveyed Afloat or in Dry Dock Rio Harbour.

In Donkey Boilers ✓ (State name of Dock.)

List Report No. 1144 Port Rio

Particulars of Examination and Repairs (if any) Completion of B.S.

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 summarised at the end of the report. State also the dates and initials of any letters respecting this case.

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 to class.	Machinery and Boiler Surveys (including date of N.B., if any).
* 100 A1, 20.3.19 S.S. 7.1/2 N:2-16.		* L.M.C. 8.16 B.S. 5.20 T.S. 3.19

Image 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? ✓

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No.

" Donkey " " " ✓

was not done, state for what reasons? ✓

Boilers examined in May 1920. See Rio report No. 1144.

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? ✓

Surveyor examine the Safety Valves of the Main Boiler? ✓

To what pressure were they afterwards adjusted under steam? ✓

Surveyor examine the Safety Valves of Donkey Boiler? ✓

To what pressure were they afterwards adjusted under steam? ✓

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? ✓

, and of the Donkey Boiler? ✓

Surveyor examine the drain plugs of the Main Boilers? ✓

, and of the Donkey Boiler? ✓

Surveyor examine all the mountings of the Main Boilers? ✓

, and of the Donkey Boiler? ✓

How shaft now been drawn and examined? No.

Is it fitted with continuous liner? ✓

or two liners? ✓

or is it without liners? ✓

Has it now been changed? ✓ If so, state reasons. ✓

Shaft now fitted new? ✓

Has it a continuous liner? ✓

or two liners? ✓

or is it without liners? ✓

Distance between lignum vitae of stern bush and top of after bearing of screw shaft? ✓

Surveyor is not complete state what arrangements have been made for its completion and what remains to be done? Complete.

The worked screw stays six in number in lower combustion chamber backs of starboard boiler have now been renewed.

The Owners state that the S.S. N:3 will be carried out on the vessel's return from the present voyage.

Observations, Opinion, and Recommendation:— This vessel's boilers are eligible in my opinion for 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 for 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, B.D., &c.)

The record of B.S. 5.20 as recommended in Rio report No. 1144.

Section 28) £
or Repair Fee (if any) £
Section 29) £
Fees applied for
19
Received by me,
19

TUE. DEC. 14 1920

TUE. 26 JUL. 1921
FRI. 17 FEB. 1922
FRI. 30 SEP. 1921

g. Williamson.
Engineer Surveyor to Lloyd's Register of Shipping.

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L.S. 203. due 12/19 stated will be held on
vessel's return from present voyage

It is submitted that
this vessel is eligible to
remain as **CLASSED**. without special
restrictions

L.S.
7/12/20

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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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