

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

(Received at London Office _____)

Date of writing Report 11th June 47 When handed in at Local Office 11th June, 47 Port of Rio de Janeiro
 No. in Survey held at Rio de Janeiro Date. First Survey 12/5/47 Last Survey 10/6 47
 Reg. Book. 74524 on the Machinery of the Wood, Iron/ot/Steel S/S "GUARAPUAVA" (No. of Visits 3)

Tonnage (Gross 590 Vessel built at Aberdeen By whom J. Duthie Torry S.B.Co. When 1920 - 2
 (Net 293 Engines made at Middlesborough By whom Richardsons, Westgarth & Co. Ltd. When 1920
 Nominal 88MN Boilers, when made (Main) 1920 (Donkey) -
 Horse Power }
 No. of Main Boilers 1 Owners Empresa Interacional Transportes Ltda. Owners' Address _____
 No. of Donkey Boilers - Managers _____ (If not already recorded in Appendix to Register Book.)
 Steam Pressure 180 lbs in Main Boilers _____ Port Rio de Janeiro Voyage
 in Donkey Boilers - If Surveyed Afloat or in Dry Dock Toe-Toe Slipway (State name of Dock.)

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any) Dkg. T.S. etc. & 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.)

CHARACTER * for Special Survey. Date of last Survey and of Periodical Surveys.	Machinery and Boiler Surveys (including date of N.B., if any)
<u>100AL 2,45</u>	<u>LMC 2,45</u>
<u>ssRio2ndNº3-2,45</u>	<u>BS 8,46</u>
<u>cargo battens not fitted</u>	<u>CL 1,45</u>
	<u>NE made 96 re-fitted 20</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? Yes

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

If not, state for what reason XXXXXXXXXXXX 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 10th June 1947 Present condition of funnel good

Did the Surveyor examine the Safety Valves of the Main Boilers? yes To what pressure were they afterwards adjusted under steam? 180 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? _____, 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? yes Has it a continuous liner? yes Is an approved oil retaining appliance fitted at the after end? no

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 16/5/47 State the wear down in the stern bush close 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? _____

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

vessel on Slipway. Examined propeller, tail shaft (drawn inboard), stern bush and sea cocks and valves with all outside fastenings.

Repairs for Wear and Tear.

Tail shaft liner skimmed up in lathe. Fracture around neck of stern bush flange cut out and brazed.

Bush rewooded.

M.P. slide valve renewed and false face on cylinder machined.

All (3) crosshead pins machined and bushes remetalled.

Thrust collars relined.

Other minor repairs carried out.

Now Done for B.S. Boiler examined complete with doors and mountings and safety valves adjusted to above stated pressure.

Minor boiler repairs carried out to mountings.

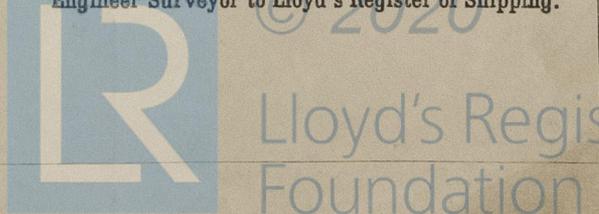
General Observations, Opinion, and Recommendation:— The machinery of this vessel is eligible, in my

(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 any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, LMC 2,45 or LMC 2,45 or LMC 2,45 or LMC 2,45)

opinion, to be continued as classed with Fresh Record of Tailshaft seen, C.L. 5,47, & B.S. 6,47

Survey Fee (per Section 29) Cr\$ 2.500,00 Fees applied for 10/6 1947
 Special Damage or Repair Fee (if any) _____ Received by me, _____
 (per Section 29.) _____
 Travelling expenses (if chargeable) 500,00

Committee's Minute _____
 Assigned As now
S. 5,47 BS 6,47
 CERTIFICATE WRITTEN

M. Caldwell
 Engineer Surveyor to Lloyd's Register of Shipping.


If so, is the Report sent now, or when will it be sent?

The Surveyor is requested to write on or below the space for Committee's Minute.

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

yes - this office

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

15.9 SEP 1947



© 2020

Lloyd's Register
Foundation