

n.m. "Ruy Barbosa"

No. 15484

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

(Received at London Office MON. MAY 28 1923)

Port 21st April 1923 When handed in at Local Office 10 Port of HAMBURG

Survey held at HAMBURG Date, First Survey 9th April Last Survey 16th April 1923

The Machinery of the Wood, Iron or Steel Trunk St., Cascias ex, Bahia Laura (No. of Visits 5)

Vessel built at Vegesack By whom Bremer Vulkan When 1913

Engines made at Vegesack By whom Bremer Vulkan When 1913

Boilers, when made (Main) 1913 (Donkey)

Owners Requisitioned by the Brazil Gov. Port Rio de Janeiro. Voyage South America.
If Surveyed Afloat or in Dry Dock Both, Vulkan Dock. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. X 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).
<u>Hamb. 11, 21.</u> <u>(six months certified)</u>		<u>OG</u>

No. _____ Port _____
of Examination and Repairs (if any) _____

When held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on the cause of which must be stated should be separated from repairs due to other causes; and in the body of the report, should be briefly summarised at the end of the report. State also the date of any letters respecting this case.

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 not. Was a damage report made by anyone else? If so, by whom?

Normally go inside each Main Boiler separately and make a thorough examination at this time? yes

" Donkey " " "

State for what reasons?

Boilers could not be thus thoroughly examined? none

Plans, in the absence of internal examination, were adopted by the Surveyor himself of the thorough efficiency of those parts of each Boiler?

Examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam?

Examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?

Examine all the manholes, doors and their fastenings of the Main Boilers? yes, and of the Donkey Boiler?

Examine the drain plugs of the Main Boilers? none, and of the Donkey Boiler?

Examine all the mountings of the Main Boilers? yes, and of the Donkey Boiler?

Shafts have been drawn and examined? yes Is it fitted with continuous liner? yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? yes, Eldervall's

Shafts changed? no If so, state reasons Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Between main and donkey bearing metal of stern bush and top of after bearing of screw shaft? A fit; after stern bushes remetalled.

State what arrangements have been made for its completion and what remains to be done? _____

Plans of the owners representatives examined in dry dock propellers, sail shafts when drawn, stern bushes, sea connections & fastenings and found in order after both shafts had been skimmed up in lathe, the after stern bushes remetalled and the Eldervall joints rebushed and made a fit.

Examine H.P. cylinders & slide valves, crank shafts & main bearings, intermediate shafts & blocks, tunnel shafts & bearings, all four main boilers inside and outside with mountings opened up & found all of these parts in satisfactory condition with the exception of the furnaces of Forward, Middle and Aft boilers, which

were found somewhat deflected, but still in safe working condition. Repairs were not carried out: H.P. cylinder liners & slide valve chests of both engines remetalled & rings renewed. L.P. guide shoes remetalled. Centre boiler all furnaces

restored to a circular form. — Plans will be forwarded after receipt from the owners.

Observations, Opinion, and Recommendation: — The machinery of this vessel as far as it is possible to see, is in good and efficient condition, I beg to recommend, that providing the Committee consider the scantlings & arrangements comply with the requirements of the Rules she be classed L.M.C. in the Society's Register subject to any conditions, they may require.

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 what 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, &c.

and previously seen appears to be in sound & efficient condition, I beg to recommend, that providing the Committee consider the scantlings & arrangements comply with the requirements of the Rules she be classed L.M.C. in the Society's Register subject to any conditions, they may require.

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

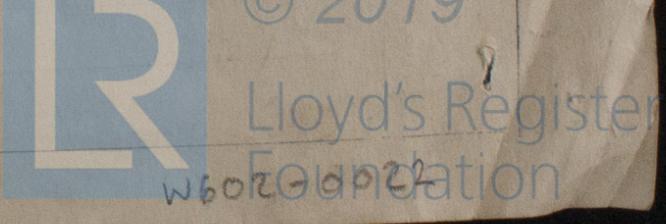
Is a Certificate required? If so, to be sent to _____

Section 28.....	£	:	:	Fees applied for
Repair Fee (if any) (Section 28.).....	£	:	:	
Other (if chargeable).....	£	:	:	
				10
				Received by me,
				19

M. Wolfe.

Engineer Surveyor to Lloyd's Register of Shipping.

See Ham. 15825
TUE. 11 MAR. 1924



Surveys for classification partly held
Submitted action be deferred until
the survey has been completed &
the surveyor should be requested to
forward the particulars of the
Machinery & Boilers on a
first entry form

N.B. If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

L.
13/6/23.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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