

Lloyds Agent

No. 1486

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

(Received at London Office)

Writing Report 10<sup>th</sup> July 1918 When handed in at Local Office 11<sup>th</sup> July 1918 Port of Lourenco Marques  
Survey held at Lourenco Marques Date, First Survey 30<sup>th</sup> May Last Survey 7<sup>th</sup> July 1918  
(No. of Visits 6)

on the Machinery of the Wood, Iron or Steel Sc Sr Granja Master Perrinho

Gross 165 Vessel built at Lehe By whom Schiff-Gesellschaft When 1912 11 months

Net 327 Engines made at Lehe Altona By whom Ottenser Maschin When 1912

Boilers, when made (Main) 1912 (Donkey)

Owners Requisitioned by the Portuguese Government Voyage

Report No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any)

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.	Year and Month	Machinery and Boiler Survey (including date of S.S., if any).
T100 #1 S, 13		+ P me 11, 12  M.S. 5, 13

Age 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? Yes

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

Do Donkey Boilers? No donkey Boilers.

As not done, state for what reasons?

At parts of the Boilers could not be thus thoroughly examined?

At 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? Yes

Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 191 lbs.

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? Yes and of the Donkey Boiler?

Surveyor examine the drain plugs of the Main Boilers? Yes and of the Donkey Boiler?

Surveyor examine all the mountings of the Main Boilers? Yes and of the Donkey Boiler?

Screw shaft now been drawn and examined? No Is it fitted with continuous liner? or two liners? or is it without liners?

Shaft now been changed? No If so, state reasons

Shaft now fitted new? Has it a continuous liner? or two liners? or is it without liners?

The distance between lignum vite of stern bush and top of after bearing of screw shaft?

Survey is not complete state what arrangements have been made for its completion and what remains to be done? Not completed, tail end

of propeller to be examined in dry dock at Capetown.

6 cylinders, pistons, slide valves, pumps, condenser, shafting

and connections their fastenings and the general arrangement

cocks, pipes, bilge suction, roses etc. examined and found

in order or put in order.

The main boiler with its safety valves, doors & mountings

examined inside and outside, and the safety valves afterwards

tested under steam to the pressure of 13 atmospheres or

191 lbs per square inch. Boiler was tested hydraulically to 230 lbs

steam port in high pressure cylinder was found broken, new section

was fitted, also new rings for S.P. cylinder, and S.P. cylinders bored out.

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.S.M.S. 9, 11, or S.L.M.C. 9, 11, 140 lb., &c.)

The vessel's machinery is in good efficient condition, in my

opinion eligible to remain as classed and to have the

code + S.M.C. 7<sup>th</sup> July 1918.

P.T.O.

Fee (per Section 28)	£	Fees applied for	10
Damage or Repair Fee (if any) (per Section 28.)	£	Received by me,	19
Printing Expenses (if chargeable)	£		

Signature of Surveyor  
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

ER16-SEP-1918

TUE. 19 AUG. 1919

TUE. 14 OCT. 1919

Lloyd's Register Foundation

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

006189.006203-0165

In certain cases required. If so, to be sent to

Examine shaft bearings re-arranged and shafting  
lined up throughout, all glands bushes re-arranged.  
Condenser cleared and 32 new tubes fitted also  
all auxiliary machinery overhauled and put in  
order.

N.B. - If this Report is copied by Copying Press, special 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.

OF THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

9. 11-16. part with

It is submitted that this

report will be eligible for

the records of L.M.B. 7-18, when

the screw shafts and the

connections have been examined

of H.M.C. done 1888

2/9/18. Npt.



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