

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

(Received at London Office)

SAT. JUL. 17 1920

Date of writing Report 14th July 1920 When handed in at Local Office 16. 7. 1920 Port of South Shields

No. in Reg. Book 20951 Survey held at South Shields Date, First Survey 5th Jan. Last Survey 23rd July 1916

on the Machinery of the Wood, Iron or Steel SS. "Mogador" Master James (No. of Vessel) 39

Tonnage { Gross 2123 Vessel built at Kiel By whom Harwardtswerke When 1905
Net 1349 Engines made at Kiel By whom Harwardtswerke When 1905
Registered { Horse Power 154 Boilers, when made (Main) 1905 (Donkey)
No. of Main Boilers 2 Owners James Harwardtswerke Port Basel Voyage Basel
No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Yne Dock Eng. 6th
Steam Pressure in Main Boilers 185 (State name of Dock)
in Donkey Boilers ✓

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER.	Year Assigned	Machinery and Boiler Survey
For Special Survey.		
Date of last Survey and of Periodical Surveys.		

Last Report No. Port

Particulars of Examination and Repairs (if any) First Entry

(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.)

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?

Is it fitted with continuous liner?

or two liners?

or is it without liners?

Has shaft now been changed?

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?

Good fit.

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

Now done:— 6 cylinders, pistons, slides, condensers, pumps and their connections, crank, thrust, and tunnel shafting, examined.
Propeller, stern bush, tail shaft, sea connections and their fastenings examined.
Main boilers and their mountings examined.

Repairs:— HP cylinder + slide valve chamber bored out + new piston rings fitted. 5 cylinders + valve. HP piston rod skimmed up + new metallic packing fitted. HP bottom end brass re-metalled.
IP cylinder valve face machined and new false face fitted.
Value machined to suit.

LP slide rod renewed.

Circulating pump chamber bored out

General Observations, Opinion, and Recommendation:—The machinery of this vessel

(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. 11, E. & M.S. 11, or L.M.C. 11, 140 lb., E.D., &c.)

is in good order and safe working condition and eligible in our opinion to have the notation L.M.C. 7.20 + T.S. 7.20.

Survey Fee (per Section 28) 33.6.8 Fees applied for

Special Damage or Repair Fee (if any) (per Section 28.)

Travelling Expenses (if chargeable)

Received by me, 25/10/20

WED. AUG. 4 1920

Committee's Minute

Assigned

TUE. AUG. 17 1920

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register of Shipping

Is Easing Gear fitted

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

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

W1246-0126

Survey for classification now held.
and repairs effected.

It is submitted that
this vessel is eligible for
THE RECORD. LMC 7. 20.
57.20. 185.16. 192.11.
ESB. 4CA GS 100 HS 3240

W.D.
20/7/20.

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.

and new rod + bucket fitted. new air pump rod fitted + glands + rockers fitted out to suit.
Feed + bilge pump screws. Skimmed + rebrashed.
Condenser, cleaned, tube plates repainted, new ferrules fitted, new cast iron water end with division plate fitted.
Condenser tested on completion of repairs by water.
Steamhush unretalled.
Ballast donkey overhauled, feed donkey overhauled + new piston + slide rods fitted.
Evaporator + feed heater opened out, coils annealed + tested.

Boilers:- The furnaces have been renewed in both main boilers (2 furnaces per boiler), plain tubes renewed. the landing edges of the front bottom circumferential seam have been built up by electric welding and the boilers tested by hydraulic pressure on the completion of the repairs.
The safety valve body on the port boiler has been renewed.
The water gauge mountings renewed complete on both main boilers.
The main steam pipes tested.

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

Rpt.
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2095
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Boiler
Register
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Date of Test
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