

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

(Received at London Office)

Writing Report 21<sup>st</sup> Sept. 1921 When handed in at Local Office 19 Port of HAMBURG

Survey held at HAMBURG Date, First Survey 3<sup>rd</sup> Sept. Last Survey 17<sup>th</sup> Sept. 1921

on the Machinery of the Wood, Iron or Steel Sc. S. AMALER ex. IMMEIN Master Freidrichsen

Gross 2806 Vessel built at Hockelton By whom Graig, Taylor & Co. When 1901 11

Net 1656 Engines made at Hockelton By whom Blair & Co. Ltd. When 1901

Power 278 Boilers, when made (Main) 1901 (Donkey) 1901

Main Boilers 2 Owners Ang. Bollen Wm. Miller's wharfport Hamburg Voyage Montreal

Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Afloat

Pressure 160 lbs (State name of Dock.)

Donkey Boilers 100

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

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned not new expired.	Machinery and Boiler Surveys (including date of N.B., if any).
* 100 A1		* LMC 8.19.
10.20. 8.21		BS 10.20.
S.S. Sid No 3 - 5.14.		Tail sh. seen 8.19.
S.S. Got. No 1 - 19.		8.21

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

Particulars of Examination and Repairs (if any) B.L. & Repairs.

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 damage (the cause of which must be stated) should be separated from repairs due to other causes; and being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials 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 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? yes

" Donkey " " " yes

Was not done, state for what reasons? ☒

At parts of the Boilers could not be thus thoroughly examined? none

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? ☒

Surveyor examine the Safety Valves of the Main Boiler? yes

To what pressure were they afterwards adjusted under steam? 160 lbs

Surveyor examine the Safety Valves of Donkey Boiler? yes

To what pressure were they afterwards adjusted under steam? 100

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

, and of the Donkey Boiler? yes

Surveyor examine the drain plugs of the Main Boilers? yes

, and of the Donkey Boiler? none

Surveyor examine all the mountings of the Main Boilers? yes

, and of the Donkey Boiler? yes

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? no

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? ☒

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

Examined main & donkey boilers inside & outside with their mountings, when opened up & found the main boilers in good condition; the donkey boiler shows some corrosion on bottom of shell, furnace & combustion chambers, but in my opinion will fit for a working pressure of 100 lbs. The "Hamburger Baupolizei" tested in my presence the main boilers by hydraulic pressure to 230 lbs, the donkey boiler in the same way to 160 lbs & found them tight & sound. Under steam the boilers were tight & their safety valves adjusted as noted above.

Repairs: Main boilers: Test & water gauge cocks renewed. Donkey boiler: new pipes & valves to water gauges fitted, 4 stays renewed, one new feed check on front plate for 2nd donkey pump fitted. Main condenser all tubes drawn, both tube plates repacked, 60 tubes renewed & secured. Both feed pump cams skimmed up, glands & neck bushes renewed. Reversing gear & both auxiliary feed pumps thoroughly overhauled.

General Observations, Opinion, and Recommendation:— The Machinery of this vessel, as stated 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, E.&M.S. 9.11, or \* L.M.C. 9.11, 140 lb., F.D., &c.)

As far as seen, appears to be in good condition & eligible in my opinion, to remain as classed in the Reg. Book with fresh record of, B.L. 9.21.

Fee (per Section 28)..... £ 4 : 0 : 0

Damage or Repair Fee (if any)..... £ 1 : 0 : 0

Shipping Expenses (if chargeable)..... £ 0 : 10 : 0

Fees applied for

20. Sept. 1921

G.D.

Received by me,

22. Sept. 1921

Committee's Minute

Signed

Engineer Surveyor to Lloyd's Register of Shipping.

© 2021

Lloyd's Register

Foundation

W 735 0102



BS due 10.21 now held &  
repairs effected.

It is submitted that  
this vessel is eligible for  
THE RECORD. BS 9.21.

AWD.  
6/10/21.

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.

REMARKS

REMARKS

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



© 2021

Lloyd's Register  
Foundation