

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

Date of writing Report 7th MARCH 1921 When handed in at Local Office 19 Port of HAMBURG
No. in Reg. Book 55027 Survey held at HAMBURG Date, First Survey 10th February Last Survey 7th March 1921
on the Machinery of the Wood, Iron or Steel S.S. "CROSTAFELS" Master G. Prosser
Gross Tonnage 4947 Vessel built at NEWCASTLE By whom SWAN, HUNTER, & WIGHAM When 1904 MONTH 7
Net Tonnage 3080 Engines made at NEWCASTLE By whom RICHARDSON LD. When 1904
Registered Horse Power 492 Boilers, when made (Main) 1904 (Donkey) 1904
No. of Main Boilers 3 Owners SPOCK STEAMSHIP CO. LD. Port LONDON Voyage EAST INDIES
No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Afloat & Dry Dock
Steam Pressure in Main Boilers 213 lbs. (State name of Dock.)
Steam Pressure in Donkey Boilers 120 lbs.

Last Report No. Port
Particulars of Examination and Repairs (if any) L.V.C. & T.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. S. 4/2/21. N. 23/2/21.

a 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
Do. " " Donkey " " " " yes
If this was not done, state for what reasons? none
If what parts of the Boilers could not be thus thoroughly examined? none
If so 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? none
Did the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 213 lbs.
Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 120 lbs.
Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes , and of the Donkey Boiler? yes
Did the Surveyor examine the drain plugs of the Main Boilers? none , and of the Donkey Boiler? none
Did the Surveyor examine all the mountings of the Main Boilers? yes , and of the Donkey Boiler? yes
Has a screw shaft now been drawn and examined? yes Is it fitted with continuous liner? yes or two liners? no or is it without liners? no
Has a shaft now been changed? no If so, state reasons no
Has the shaft now fitted new? no Has it a continuous liner? no or two liners? no or is it without liners? no
What is the distance between lignum vitae of stern bush and top of after bearing of screw shaft? a fit, renewed at lower half.
If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? complete.

In Dry Dock examined propeller, propeller shaft when drawn, sternbush renewed at lower half, seaconnections opened up & fastenings & found all of these parts in satisfactory condition.
Examined all cylinders, pistons, slidevalves, rods, guides, crankshafts, thrust shaft & block, line of tunnel shafting, condenser, pumps, pipes & connections, as well as auxiliaries opened up and found all of these parts in order.
Examined the Main & Donkey Boilers inside & outside, as well as their mountings; when opened up; found in good & efficient condition, under ^{steam} found these Boilers tight & their safety valves correctly adjusted as noted above.

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, S.S. 9, 11, B.&M.S. 9, 11, or L.M.C. 9, 11, 149 lb., F.D., &c.)
No far as this is in good & efficient condition & eligible in my opinion to have notations "L.V.C. 3, 21" & "Tail shaft run" 3, 21.

Fee (per Section 28) £ 6. 0. 0. Fees applied for M. 1921
Damage or Repair Fee (if any) £ 20. 0. 0. Received by me, 22. 7. 1921.
Other Expenses (if chargeable) £ 1. 0. 0.
Committee's Minute TUE. MAR 22 1921
Signature + L.M.C. 3. 21
Machinery Cert. 25/7/21
Friedrich 2021
Engineer Surveyor to Lloyd's Register of Shipping.
Lloyd's Register Foundation

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

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

006552 - 006563 - 0167

This vessel class was expunged with a red line in 9.16.

N.B. - If this Report is copied by Copping 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.

Survey for Registration now held
Leeds & Co. Ltd.

It is submitted that
this vessel is eligible for
THE RECORD. + L.M.C. 3727

S. 3. 21.

Reinstated 1/5/21
DB. 120

(7)

2/3/21

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