

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

(Received at London Office)

Date of writing Report 20<sup>th</sup> Nov. 1942 When handed in at Local Office 20<sup>th</sup> Nov. 1942 Port of Middlesbrough.  
 No. in Reg. Book. 82155 Survey held at Middlesbrough. Date, First Survey 10<sup>th</sup> Nov. 1942 Last Survey 17<sup>th</sup> Nov. 1942  
on the Machinery of the Wood, Iron or Steel S.S. SEROOSKERK. (No. of Visits 2.)  
 Tonnage { Gross 8456 Vessel built at Schiedam. By whom New Waterway S.B. Co. When 1922.2.  
 Net 5293 Engines made at Rugby. By whom British Thermal-Hunt When 1922.  
 Nominal Horse Power { 1000 Boilers, when made (Main) 1922 (Donkey) ✓  
 No. of Main Boilers 4 SB Owners N.V. Verenigde Nederl. Scheep Maatschappij Owners' Address Managers Thuis en Argentien Markt Hallen Port The Hague. Voyage  
 No. of Donkey Boilers ✓ Steam Pressure in Main Boilers 180 lb If Surveyed Afloat or in Dry Dock L.N.E.R. Dk. Afloat. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 in Donkey Boilers ✓

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

Particulars of Examination and Repairs (if any) Part BS.

Periodical Surveys, when held, must be reported in detail and seriatim 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 or 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? No Letter for O.F. 2.22. F.P. at 150° F.Do. " Donkey " " " ✓

If this was not done, state for what reasons? Cr and Std previously surveyed, see London report. Port and Forward not prepared for survey.

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? No To what pressure were they afterwards adjusted under steam? Cr & Std. 180 lbDid 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? No, and of the Donkey Boilers? \_\_\_\_\_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? No, and of the Donkey Boiler? \_\_\_\_\_Has screw shaft now been drawn and examined? No 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? NoHas shaft now been changed? ✓ If so, state reasons ✓Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft ✓

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done To complete the BS the Port and Forward boiler require to be examined thoroughly and their safety valves adjusted under steam. Stated that this would be done at the first opportunity.

New don. Port BS. Safety valves of the Centre and Star<sup>d</sup> boilers adjusted under steam as above.

The safety valves of the evaporators were adjusted under 0.7 kg/10<sup>cm</sup> steam pressure.

Repairs effected for wear and tear.

Main Circulating pumps for<sup>d</sup> steam cylinders renewed, & piston rod draughted  
 Minor repairs effected.

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

so far as now seen is in good condition, and eligible in my opinion to remain as classified with fresh record of survey BS 11.42 as previously recommended, when the survey is completed.

Survey Fee (per Section 29) £ : : Fees applied for  
 Special Damage or Repair Fee (if any) £ : :  
 Travelling expenses (if chargeable) £ : :  
 Received by me, \_\_\_\_\_

Committee's Minute \_\_\_\_\_

Assigned \_\_\_\_\_

LICENCE CASE  
TUE 15 DEC 1942

+ L.M.C. No. 7.42  
 BS 12.41 } Subject

F.N. Sutcliffe

Engineer Surveyor to Lloyd's Register of Shipping.

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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 \_\_\_\_\_

X214-0104