

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

(Received at London Office 30 MAR 1944)

of writing Report 16. 3. 1944 When handed in at Local Office 197 MAR 1944 Port of NEWCASTLE-ON-TYNE

Survey held at Jarrow, N. Tyne Date, First Survey 16-9-43 Last Survey 24. 2. 1944  
on the Machinery of the Wood, Iron or Steel S.S. "Vinlake" (EX "CSIKOS") (No. of Visits 13 + 2 elec)

Gross 3938 Vessel built at Sunderland By whom J.H. Thompson & Sons Ltd. When 1913 5  
 Net 2612 Engines made at Sunderland By whom J. Dickinson & Sons Ltd. When 1913  
 Main Boilers 399 Boilers, when made (Main) 1913 (Donkey)  
 Owners Kentships Ltd Owners' Address \_\_\_\_\_  
 Managers Bray & Co Port \_\_\_\_\_ Voyage \_\_\_\_\_  
 If Surveyed Afloat or in Dry Dock afloat (State name of Dock.)

Report No. \_\_\_\_\_ Port \_\_\_\_\_  
Particulars of Examination and Repairs (if any) See 6.5.

Special Surveys, when held, must be reported in detail and seriation in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on machinery of 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 date and initials of any letters respecting this case.

Where cases where the Surveyor has not made a special damage report he is required to state whether he has performed his services for this purpose, and why they were declined.

Has a damage report been made by anyone else? If so, by whom? \_\_\_\_\_

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

Has a Donkey boiler been examined? \_\_\_\_\_

Has any part of the Boilers could not be thus thoroughly examined? \_\_\_\_\_

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? \_\_\_\_\_

What is the latest date of internal examination of each boiler? 24. 2. 1944 Present condition of funnel(s) \_\_\_\_\_

Has the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? Not adjusted

Has the Surveyor examine the Safety Valves of Donkey Boiler? \_\_\_\_\_ To what pressure were they afterwards adjusted under steam? \_\_\_\_\_

Has the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes and of the Donkey Boilers? \_\_\_\_\_

Has the Surveyor examine the drain plugs of the Main Boilers? \_\_\_\_\_ and of the Donkey Boilers? \_\_\_\_\_

Has the Surveyor examine all the mountings of the Main Boilers? Yes and of the Donkey Boilers? \_\_\_\_\_

Has the screw shaft now been drawn and examined? \_\_\_\_\_ Is it fitted with continuous liner? \_\_\_\_\_ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? \_\_\_\_\_

Has the screw shaft now been changed? \_\_\_\_\_ If so, state reasons \_\_\_\_\_

Has the screw 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? \_\_\_\_\_

What is the result of examination of Screw Shaft? \_\_\_\_\_ State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft \_\_\_\_\_

Are the line parts, when referred to by numbers, should be counted from forward? \_\_\_\_\_ Is electric light and/or power fitted? Yes

Has the Surveyor examine the generators, motors, switchgear, cables and fuses? \_\_\_\_\_

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? \_\_\_\_\_

If the survey is not complete, state what arrangements have been made for its completion and what remains to be done. This vessel has now been provisioned for special Government duty + is now being fitted out by Sea Transport by the completion of repairs to the Port & Starboard Main Boilers only + it is stated the vessels class is to be further required.

Remarks: - The Main Boilers examined throughout + mountings + the following repairs recommended:  
 Starboard Furnace renew, Comb. Chamber back plate renew, both side plates crop + part renew, Top plate crop + part renew, End plate in way of furnace mouth grooved, cut out + weld.  
 Port Furnace renew, Comb. Chamber back plate renew, Port side plate + rafter plate crop + part renew, Starboard side plate back fitting rear seem build up, Top plate crop + part renew.  
 Port Furnace renew, Port side plate crop + part renew, Top plate crop + part renew, End plate in way of furnace mouth grooved, cut out + weld. Lower manhole doors build up + refit.

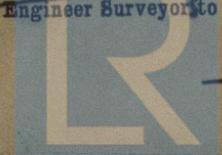
General Observations, Opinion, and Recommendation: -

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

Report is forwarded for the information of the Committee.

CASE No. attached  
 Section 29) £ 4 : 0 : 0 Fees applied for  
 Damage or Repair Fee (if any) £ 15 : 15 : 0 28 MAR 1944  
 (per Section 29.)  
 RECEIVED CASE Expenses (if chargeable) £ : : Received by me, 19

G. J. H. ... & E. Wilson.  
Engineer Surveyor to Lloyd's Register of Shipping.



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Committee's Minute  
 signed \_\_\_\_\_  
 not for Class? \_\_\_\_\_  
 Committee

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

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

Centre Boiler. Aux. stop lid renew, studs for cover renew,  
 Stack furnace renew, back plate renew, Port & Starboard side plate & snapper plate  
 crop & part renew, Top plate crop & part renew, End plate in way of furnace mouth  
 grooved, cut at mouth.  
Centre Comb. Chamber back plate renew, Port side plate & snapper plate crop &  
 part renew, Top plate crop & part renew,  
Port furnace renew, back plate renew, Port & Starboard side plate & snapper plate  
 crop & part renew, Top plate crop & part renew, End plate in way of furnace  
 mouth grooved, cut at mouth. all frame doors braced & refit.

Port boiler. Three back plates renew, all top plate crop & part renew, Centre back  
 Port side snapper plate & side plate crop & part renew. Port furnace  
 to be jacked fair. Lower manhole door braced up & refit.

*B. H. H.*

### Electrical Installation.

The Generators and Installation were examined and  
 Recommendations made to the Dept.

Engine and boiler room lighting to repair.

Governor to fit on 3.5 K.W. engine.

New lighting and fittings in additional and new lighting  
 switchboard in engine.

To date, the new switchboard, engine and boiler room  
 lighting have been completed in a satisfactory manner.  
 up to the time work was stopped on the vessel.

Advancement.



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