

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

(Received at London Office

25 MAY 1927

Date of writing Report 24th May 1927. When handed in at Local Office 24th May 1927. Port of BRISTOL.No. in Survey held at BRISTOL Date, First Survey Jan 6 Last Survey May 17, 19272498 on the Machinery of the ~~Wood, Iron or Steel~~ Sc "PORTWAY" (No. of Visits 2)Gross 288 Net 107 Vessel built at Bristol By whom Chas. Hill & Sons Ltd. When 1926Engines made at Southampton By whom Day, Summers & Co. Ltd. When 1920

Boilers, when made (Main) (Donkey)

Owners Holme Sand & Gravel Co. Owners' AddressManagers T. R. Brown & Sons Port Voyage

Surveyed Afloat or in Dry Dock (State name of Dock.)

Last Report No. Port

Particulars of Examination and Repairs (if any) Damage

Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature 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 details of any letters respecting this case.

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? Not requiredIs a damage report made by anyone else? If so, by whom? NoneDid 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? ☒What parts 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? ☒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? No 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 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? ☒What is the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? ☒If Survey is not complete, state what arrangements have been made for its completion and what remains to be done? CompleteDamages on account of the L.P. pump ring breaking on the first trial trip also on account of the air pump rod bending on the second trial trip.Now done "Exam". The cylinder, piston & valves, crank shaft & the latter, HP connecting rod, air pump link, lower frame & made good.Repairs. HP & L.P. cylinder heads, new HP & L.P. pistons new L.P. piston rod complete. new air pump complete with rods, bucket, head & foot valvesNote cracks on the star side of the condenser in line with the division plate have been pinned & brass patches fitted.Arrangements made for a new condenser to be fitted at a convenient opportunity.General Observations, Opinion, and Recommendation:— Convenient opportunity.

(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, &amp;c.: thus, for example, B.S. 9, 11, B.&amp;M.S. 9, 11, or L.M.C. 9, 11, 140 lb., F.D., &amp;c.)

The machinery of this vessel is now efficient in my opinion for the class contemplated subject to the condenser being renewed at a convenient opportunity.

Fee (per Section 28)..... £ : : Fees applied for

Special Damage or Repair Fee (if any)..... £ 10. 10. 0 24th May 1927

Selling Expenses (if chargeable)..... £ : : Received by me, 25.5.1927

Committee's Minute 27 MAY 1927Signed See 16th Dec 11897 attachedFRI. 12 AUG 1927  
TUES. 13 SEP 1927  
TUES. 8 DEC 1927  
TUES. 12 JUN 1928  
TUE. 19 MAR 1929

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register  
Foundation

010545-010553-0103



See indorsement on 1<sup>st</sup> Entry report.  
attached.

WD  
25/5/27

A.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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