

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

(Received at London Office 24 MAR 1927)

Date of writing Report 23 MAR 1927 When handed in at Local Office 23 MAR 1927 Port of HULL

No. in Reg. Book 45/56 Survey held at Hull Date, First Survey and Last Survey March 1927 (No. of Visits 1)

No. Not seen.

Tonnage Gross 119 Net 65 Vessel built at North Shields By whom J. Softley & Sons When 1874-6.  
 Engines made at Newbury By whom Plenty & Sons Ltd. When 1913.  
 Nominal Horse Power 29 Boilers, when made (Main) (Donkey) -  
 No. of Main Boilers Owners J. Birch & Sons (1919) Ltd. Owners' Address (if not already recorded in Appendix to Register Book)  
 No. of Donkey Boilers Managers Port Hull Voyage  
 Steam Pressure in Main Boilers If Surveyed Afloat or in Dry Dock Yes. (State name of Dock) Princess Dock  
 in Donkey Boilers

Last Report No. 36383 Port Hull

Particulars of Examination and Repairs (if any) L.M.C.(M)

(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 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?

Do. " Donkey " " " "

If this was not done, state for what reasons?

And what parts of the Boilers could not be thus thoroughly examined?

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? 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? *not due* Is it fitted with continuous liner? *no* Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? *no*

Has shaft now been changed? If so, state reasons

Is the shaft now fitted new? Has it a continuous liner? *no* Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? *no*

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? *Complete.*

*how Done. no. 1 cylinder, cylinder head, piston, gudgeon pin & brasses, crank pin & brasses, connecting rod, & journals & brasses of two main bearings, & found in good condition.*  
*The circulating & bilge pumps exam'd & found in good condition.*  
*Reversing gears exam'd. as far as necessary & found in good order.*  
*The cylinders & pistons were renewed in January, also gudgeon pin bushes renewed, circulating & bilge pumps fitted with new gland & neck bushes, & rams skinned up, also new bushes fitted pinion wheels of reversing gear. These repairs & renewals were carried out at Owners requirements at Boston.*

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.)*  
*as now seen, is in good condition, & eligible in my opinion to remain as classed with record of L.M.C.(M) 3.24.*

Survey Fee (per Section 28) £ 2. 10. 0 Fees applied for 23 Mar 1927  
 Special Damage or Repair Fee (if any) £  
 Travelling Expenses (if chargeable) £

Received by me, J. L. Smith, Engineer Surveyor to Lloyd's Register of Shipping.  
 TUES. 29 MAR 1927 TUES. 23 JUN 1927

Committee's Minute Assigned L.M.C. (M) 3.27  
 CERTIFICATE WRITTEN 28.4.27



Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

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

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

