

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

(Received at London Office SAT 16 DEC 1899)

Date of writing Report ⁴ 15 Dec 99. When lodged in at Local Office ⁴ 15 Dec 99. Port of London

No. in Reg. Book 515 Survey held at London Date, First Survey 28 Nov Last Survey 9 Dec 1899

515 on the Machinery of the Wood, Iron or Steel T.S. Arundell Master E. Isling

Tonnage { Gross 1607 Net 817 Vessel built at Dumree By whom Gourlay Bros Glasgow When 1890

Registered Horse Power 371 Engines made at " When '90 Boilers, when made (Main) 90 (Donkey) 90

No. of Main Boilers 2 Owners General Steam Navigation Co Port London Voyage Bordeaux

No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Afloat in Dept Dry Dock

Steam Pressure in Main Boilers 160 lb in Donkey Boilers 80

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

| CHARACTER. | Years assigned new or expired. | Machinery and Boiler Surveys (including date of N.B., if any). |
|--|--------------------------------|--|
| X for Special Survey. Date of last Survey and of Periodical Surveys. | | |
| | | |

Last Survey No. 1011 Port L.U.C.

Particulars of Examination and Repairs (if any) L.U.C. 1011 3.98. + L.U.C. 5.94. 1.1.95 - B.S. 4.99.

(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.)

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? "

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? yes To what pressure were they afterwards adjusted under steam? 162 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 65 lbs

Has the propeller shaft been drawn and examined at this time? No If spare propeller shaft fitted, state whether new? "

State the distance between lignum vite of stern bush and top of after bearing of screw shaft? 3/16"

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete

Now done: - Cylinders, Pistons, Slides, Pumps, Condensers and the Crank, Horn and Immed. Shafting examined. Propeller Stern-bush and the Sea Connection examined. Main Boilers examined throughout - Right-graining in Mid Furnaces at lower part of Saddle Connection. Test Holes drilled show sufficient thickness except the Fore Boiler and Mid Furnace. An efficient patch was put over same. About twenty screws found defective. These have now been renewed. Donkey Boiler examined out and inside. Shell plating is slightly weakened by corrosion but test-hole now drilled shows satisfactory thickness.

General Observations, Opinion, and Recommendation:—

(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, 97, B.&M.S. 9, 97 or L.M.C. 9, 97, 140 lb, &c.)

The Machinery of this vessel is in good order and in my opinion eligible to remain as classed with fresh period of + L.U.C. 12.99

Office or Registration Fee (per Sec. 27) £

Survey Fee (per Section 28) £ 5.10

Special Damage Fee (per Section 28) £ 4.19

Travelling Expenses (if chargeable) £

Fees applied for 16 Dec 18 99

Received by me, J. Mitchell & J. Blackie Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

State if Certificate is required TUES. 19 DEC 1899

Committee's Minute WED. 27 DEC 1899

Assigned FRI. 9 FEB 1900

+ L.M.C. 12.99

TUES. 9 JAN 1900 FRI. 12 JAN 1900
FRI. 9 FEB 1900 FRI. 26 JAN 1900

Lloyd's Register Foundation

LON720-0205

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent? (The Surveyors are requested not to write on or below the space for Committee's Minute.)

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

Certificates to be sent to

Slight repairs to main rollers

N.B.—If this Report is copied by Copying 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.

It is submitted that
this vessel is eligible for
THE RECORD. + LMC 12.99

J.M.W.D.
18/12/99

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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