No. 12515

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

(Received at London Office MON. 23 OCT 1893)

Date of writing Report Oct 16th 1893 When handed in at Local Office ..... 18 Port of Glasgow

No. in Reg. Book. 140 Survey held at Glasgow Date, First Survey 5th July Last Survey 14th Oct 1893 (No. of Visits 16)

on the Machinery of the Wood, Iron ~~Steel~~ S.S. Dunkeld Master R. Russell

Tonnage { Gross 1158 / Net 742 }

Registered Horse Power 180

No. of Main Boilers 2

Steam Pressure in Main Boilers 65 lbs

in Donkey Boiler 40 lbs

Vessel built at Glasgow By whom R. Napier & Son When 1878-8 (YEAR. MONTH.)

Engines made at " When 1878 Boilers, when made (Main 1878) (Donkey)

Owners J. Clark Port Glasgow Voyage Trading

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

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

| CHARACTER. ✠ for Special Survey. Date of last Survey and of Periodical Surveys. | Years Assigned when expired. | Machinery and Boiler Surveys (including date of N.B., if any). |
|---|---|---|
| ✠100 A1 5/89 | | L.M.C. 10/90 |

Last Survey No. ..... Port .....

## Particulars of Examination and Repairs (if any)

(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.)

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

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? Yes

At what pressure were they afterwards adjusted under steam? 65 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes

To what pressure were they afterwards adjusted? 40 lbs

If the Survey is not complete state what arrangements have been made for its completion?

Engines opened up and all the working parts taken asunder and overhauled, Crank Shaft end & bearings overhauled. Propeller Shaft drawn & Stern tube fitted with new wood. Pumps pipes & connections cad throughout.

Main Boilers, fitted with set of new tubes several Steam Space Stays, renewed & a few additional Screw Stays fitted in Combustion Chamber furnaces which were somewhat wasted & laminated at places have been patched where necessary

Donkey Boiler taken out of vessel and overhauled & examined

On completion of the above repairs the Main Boilers were tested by Hydraulic pressure to 100 lbs & the Donkey Boiler to 60 lbs

General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 9.92, B.M.S. 9.92 or XL.M.C. 9.92, as the case may be.)

The machinery & Boilers of this vessel have been satisfactorily repaired and are now in good working condition & eligible in our opinion to be noted in the Register Book + L.M.C. 10/93

Office or Registration Fee (per Sec. 27) £ : :

Survey Fee (per Section 28) £4 : 4 : 0

Special Fee (per Section 28) £2 : 2 : 0

Travelling Expenses (if chargeable) £ : :

Fees applied for 3/10/ 1893 — £ 4/4/93

Received by me, 9/10/ 1893

James Mollison John Sanderson

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Clyde District

*State if Certificate is required Yes

MACHINERY CERTIFICATE WRITTEN. TUES. 24 OCT 1893

Committee's Minute

Assigned L.M.C. 10.93

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

The Surveyors are requested not to write on the blank margin, nor on the blank space for Com.

Lloyd's Register Foundation

GLS168-0171

12515 Glo

+ not required
MR
27/10/93

It is submitted that
this vessel is eligible for
THE RECORD

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 cause it to show through to the other side.

On account of the age of the
moderate repairs have
been done to the
machinery & boilers —
the pressure should be
reduced & they may
have reduced
the working pressure
from 70 lbs to 65 ?

MR
23/10/93

+

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Foundation