

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

53279

(Received at London Office)

THURS. 11 AUG 1892

No. 138 Date of Writing Report 10th Augst 18.92 Port of London
 No. in Reg. Book 138 Survey held at London Date, first Survey 13th July Last Survey 5th Augst 18.92
 on the Machinery of the S.S. Hawthorn Master Terrill No. of Visits 6
 Tonnage { Gross 737 Vessel built at Newcastle By whom Palmer Bros. & Co. When 1861 8
 Net 451 Engines made at London When 1873 Boilers, when made (Main) 1873 (Donkey) None
 Registered Horse Power 95 Owners J. H. Warwick & Son Port London Voyage Syne
 No. of Main Boilers Two If Surveyed Afloat or in Dry Dock Both Class of Vessel & Machinery A1
 Steam Pressure in Main Boilers 75 (State name of Dock) Victoria & Albert (As in Register Book, including dates of Special Surveys of Ship and of last Boiler Survey.)
 in Donkey Boilers None S.S. Lon. No. 3.5.88 B+NIS. 7.91.
 Last Survey No. Port

Particulars of Examination and Repairs (if any) Annual B.S. & Condition

(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 should be separated from Repairs due to other causes. 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

At what pressure were they afterwards adjusted under steam? 75 lbs less weight

Did the Surveyor examine the Safety Valves of Donkey Boilers? Superheater Yes

To what pressure were they afterwards adjusted? 75 lbs dead weight

The vessel was placed in dry dock, propeller, stern bush & sea connection fastenings exam^d & found good.

Examined main boilers & superheater int^l & ext^l

Port boiler Two test holes drilled in each Combustion Chamber. Found Satis.

The plain tubes were found very thin with the exception of those which have been recently fitted. 68 new tubes were renewed Satis.

7 riveted stays in the back of the Combustion Chambers were taken out and unthreaded stays fitted Satis. The boiler otherwise found in good condition.

Star boiler Two test holes drilled in each Combustion Chamber. Found Satis.

the bottom landing at the back of the wing Combustⁿ Chamber found much wasted part of the back & bottom was cut out and two riveted patches fitted, Satis.

12 riveted back stays taken out and unthreaded stays fitted, Satis. 40 plain tubes were taken out (being very thin) and new ones fitted Satis. The boiler otherwise found in good condition.

Superheater 6 test holes drilled. found plates in fairly good condition. all the covering patches were taken off & plates examined found same pitted but not seriously

General Observations, Opinion, and Recommendation:— over

(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. 1,01, B.&M.S. 1,01 or L.M.C. 1,01, as the case may be.)

The boilers are now in safe working condition for a working pres of 75 lbs - and in my opinion the vessel is eligible to remain as classed and to have B.S. 8.92 recorded in the register book

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ 1 : 10 : -
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 Fees applied for 11/8 18 92
 Received by me, Robt Balfour

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

*State if Certificate is required

FRI 12 AUG 1892

Committee's Minute

Assigned

B.S. 8.92



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Lloyd's Register Foundation

LON 696-0538

(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.

53279 Lon

These patches were replaced and three additional new patches fitted over pitted part near outlet. Satis.

Examined the main boiler & superheater Safety Valves found them in good order. & weighted for 75 lbs pres. per sq. in.

The boilers were tested under steam & all found sound & tight. Safety Valves lifted at 75 lbs pres. per sq. in.

R.B.

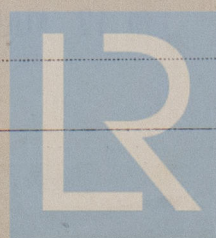
N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

Here submitted that

Ms. 8. 92
and that the recorder
working pressure be
altered to 75 lbs.

Civil.
Ms. 8. 92



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