

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

(Received at London Office)

Date of writing Report 11<sup>th</sup> Jan<sup>y</sup> 1893 When handed in at Local Office Port of London  
No. in Reg. Book. 546 Survey held at London Date, First Survey 4<sup>th</sup> Oct<sup>r</sup> 1892 Last Survey 10<sup>th</sup> Jan<sup>y</sup> 1893  
on the Machinery of the Wood, Iron or Steel S.S. Silvertown Master A.S. Thomson  
Tonnage { Gross 4936 Vessel built at Newcastle By whom C. Mitchell & Co<sup>y</sup> When 1873.3  
Net 3724 Engines made at Newcastle When 1873 Boilers, when made (Main) 1880 (Donkey) 1880  
Registered Horse Power 400 Owners And. Hut. Capt. Port & Sub. Port Port London Voyage Pacific  
No. of Main Boilers 4 If Surveyed Afloat or in Dry Dock Both Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
Steam Pressure in Main Boilers 80 lbs in Donkey Boiler 80 lbs (State name of Dock.) Chambers St. W. & S. river

Last Survey No. Annual B.S. Port London Condition Annual B.S.  
Particulars of Examination and Repairs (if any) Annual B.S.

(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? All 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? 80 lbs

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

To what pressure were they afterwards adjusted? 80 lbs

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

This vessel was placed on the blocks in dry dock  
The propeller, stern bush, and all sea connections with their  
respective fastenings were examined and found in good  
working order

The main and donkey boilers together with their Safety Valves  
were examined internally and externally

Main Boilers. The crowns of each middle furnace and the after  
wing furnace in the port boiler were found very much patched.  
These five defective Crowns were cut out, leaving about 2 ft. of the  
old plate at the back end in each case - and new crown plate  
were effectually fitted. The main and donkey boilers otherwise  
were found in good condition.

The main boilers were tested by hydraulic pressure to 150 lbs. workmanship  
proved to be sound and good.

Main & donkey boiler Safety Valves were adjusted under steam to lift at 80 lbs. p. s.

General Observations, Opinion, and Recommendation:— The boilers now being in  
(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. 0.02, B.&M.S. 0.02 or L.M.C. 0.02, as the case may be.)

good order, and under the vessel in my opinion eligible to remain  
as classed, with fresh record B.S. 1.93 noted in the Register  
book.

Office or Registration Fee (per Sec. 27) £ 1 : 0 : 0  
Survey Fee (per Section 28) £ 3 : 0 : 0  
Special ~~Survey~~ Fee (per Section 28) £ 4 : 0 : 0  
Travelling Expenses (if chargeable) £ 1 : 0 : 0

Fees applied for  
18/11 1893  
Received by me  
13/2 1893

\*State if Certificate is required

Committee's Minute FRI 20 JAN 1893

Assigned B.S. 1.93

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

State if a Report is also now sent on any other ship, or if not whether, and when, one will be sent.

16-LRPH-Form No. 9-Transfer Int.-5,000,779/92. The Surveyor is requested not to write on or below the space for Committee's Minute(s).

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



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.

It is submitted that  
this vessel is eligible for  
THE RECORD. B. S. 1-93  
on account of wear & tear, several  
repairs were effected to the  
Main boilers -  
WA  
18 1-93

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.