No. 544434

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

(Received at London Office THURS. 15 JUN 1893)

Date of writing Report 14th June 1893 When handed in at Local Office 18 Port of London.

No. in Reg. Book. 647 Survey held at Tilbury Date, First Survey 8th June Last Survey 9th June 1893 (No. of Visits 2.)

on the Machinery of the ~~Wood, Iron or~~ Steel S.S. "Minnesota" Master E. G. Cannon.

Tonnage: Gross 3216, Net 2080

Registered Horse Power 320

No. of Main Boilers Two

Steam Pressure — in Main Boilers 160, in Donkey Boiler ✓

Vessel built at Belfast By whom Harland & Wolff When 1887 (Year) 11 (Month)

Engines made at Belfast When 1887 Boilers, when made (Main) 1887 (Donkey) 1887

Owners Williams, Torrey & Field, Mgrs Port London. Voyage Philadelphia

If Surveyed Afloat or in Dry Dock (State name of Dock.) Tilbury dry dock

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

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 (Period Survey)	Machinery and Boiler Surveys (including date of N.B., if any).
✠100 A1. Shelterdk. for Cattle with freeboard 6.92. S.S. Lon. No 1-91.		✠L.M.C.8.91

Particulars of Examination and Repairs (if any) Condition

(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? No

Do. " Donkey " " " No.

If this was not done, state for what reasons? Not due for survey

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? No

At what pressure were they afterwards adjusted under steam? Not adjusted

Did the Surveyor examine the Safety Valves of Donkey Boiler? No

To what pressure were they afterwards adjusted? Not adjusted

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

Sea-connections, propeller & fastenings examined while vessel was in dry dock & found in good order.

General Observations, Opinion, and Recommendation:— The machinery of this vessel, so far as seen, is in safe working condition, eligible, in my opinion, to remain as classed, without further record of survey

(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 ✠L.M.C. 9,92, as the case may be.)

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

Survey Fee (per Section 28) ..... £

Special Damage Fee (per Section 28) ..... £ :

Travelling Expenses (if chargeable) ..... £ : :

Fees applied for ..... 18 .....

Received by me, ... 18 .....

R. Elliott

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

* State if Certificate is required

Committee's Minute FRI 16 JUN 1893

Assigned As now

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 to remain AS CLASSED.

W. A.
15-6-93