

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

(Received at London Office)

WED. 6 FEB 1895

Date of writing Report 1st Febry 95 When handed in at Local Office 18 Port of London
No. in Reg. Book 691 Survey held at London Date, First Survey 1st Febry 1895 and Last Survey 1st Febry 1895
on the Machinery of the Wood, Iron or Steel S. S. "Minnesota" Master G. G. Cannon
Tonnage Gross 3216 Net 2080 Vessel built at Belfast By whom Harland & Wolff When 1887 YEAR. MONTH. 11
Registered Horse Power 320 Engines made at Do. When 1887 Boilers, when made (Main) 1887 (Donkey) 1887
No. of Main Boilers Two Owners Atlantic Transport Co. Ltd. Port London Voyage Philadelphia
No. of Donkey Boilers One If Surveyed Afloat or in Dry Dock West India Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
Steam Pressure in Main Boilers 160 in Donkey Boilers 80

Last Survey No. 55477 Port London
Particulars of Examination and Repairs (if any) Compl. L.M.C. 5.94

(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 " " " No.
If this was not done, state for what reasons? D.B. not opened 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? Yes
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? Adjusted to 60 lb.
If the Survey is not complete state what arrangements have been made for its completion? To be completed on vessel's return

five weeks hence.
Both Main boilers examined internally & externally and safety valves of same examined. Donkey boiler safety valves adjusted under steam to above pressure.
To complete B.S. - The safety valves of the Main boilers require to be adjusted under steam and the Donkey boiler and its safety valves to be examined.

General Observations, Opinion, and Recommendation:— So far as seen, this vessel's boilers
(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. 4.04, B.&M.S. 4.04 or L.M.C. 4.04, 140 lb., F.D., &c.)
are in safe working condition and the vessel is eligible, in my opinion, to remain as classed with record of L.M.C. 5.94 entered in Register Book, but record of B.S. 2.95. deferred until completion of above.

Office or Registration Fee (per Sec. 27) £ 7.2.18 95
Survey Fee (per Section 28) £ 2.0.0
Special Damage Fee (per Section 28) £ 0.4.0
Travelling Expenses (if chargeable) £ 1.16.0
Fees applied for 7.2.18 95
Received by me, R. Elliott.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required
Committee's Minute TUES. 12 FEB 1895
Assigned Deferred for compl. of B.S.
pk. B.S.
TUES. 26 MAR 1895
Lloyd's Register Foundation
WON 704-0309