

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

(Received at London Office 3/2/93)

Date of writing Report 2nd Feb. 1894 When handed in at Local Office is Port of London

No. in Reg. Book 648 Survey held at Tilbury Date, First Survey 27th Jan. Last Survey 2nd Feb. 1894

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

Tonnage { Gross 3216 Net 2080 Vessel built at Belfast By whom Harland & Wolff When 1887 11

Registered Horse Power 320 Engines made at Do. When 1887 Boilers, when made (Main) 1887 (Donkey) 1887

No. of Main Boilers Two Owners Williams, Torrey & Field Port London Voyage Philadelphia

Steam Pressure in Main Boilers 160 If Surveyed Afloat or in Dry Dock Tilbury dock (State name of Dock.)

in Donkey Boiler 60

Last Survey No. 54862 Port London
 Particulars of Examination and Repairs (if any) Compl. B.S.

(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.)

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 or expired.	Machinery and Boiler Surveys (including date of S.B., if any).
<u>100 A1.</u>		<u>L.M.C. 891.</u>
<u>Shut out for Cycle with free 10.93.</u>		
<u>S.S. Lon No 1-91.</u>		
Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?	<u>No</u>	
Do. " Donkey "	<u>Yes.</u>	
If this was not done, state for what reasons?	<u>Mr. Bro. previously exp.</u>	
And what parts of the Boilers could not be thus thoroughly examined?	<u>✓</u>	
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?	<u>No</u>	
Did the Surveyor examine the Safety Valves of the Main Boiler?	<u>Not adjusted</u>	
At what pressure were they afterwards adjusted under steam?	<u>Yes.</u>	
Did the Surveyor examine the Safety Valves of Donkey Boiler?	<u>60 lbs.</u>	
To what pressure were they afterwards adjusted?		

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

Donkey Boiler exp. internally & externally & found in good order. Safety valves examined & adjusted under steam to 60 lbs.

General Observations, Opinion, and Recommendation:— This vessel's machinery, so far as seen, is in safe working condition, eligible, in my opinion, to remain as classed & to have record of survey B.S. 10.93 entered in Register Book.

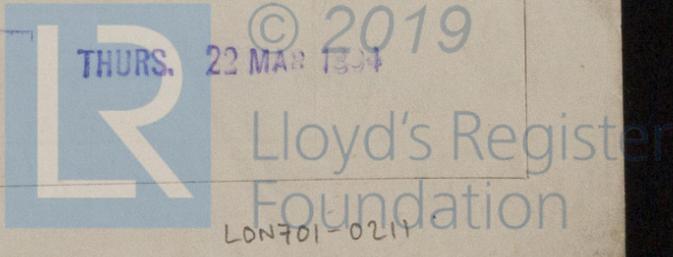
	Fees applied for	Received by me,
Office or Registration Fee (per Sec. 27)	£ : : 18	
Survey Fee (per Section 28)	£ : : 18	
Special Damage Fee (per Section 28)	£ : : 18	
Travelling Expenses (if chargeable)	£ : : 18	

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

*State if Certificate is required

Committee's Minute FRI 16 FEB 1894

Assigned B.S. 10.93



State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

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

*Certificate to be sent to

16—LRPH—Form No. 2—Transfer Ink—3,000/12/10/93.
 (The Surveyors are requested not to write on or below the space for Committee's Minute.)

