

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

Date of writing Report *2nd Feb.* 18*94* When handed in at Local Office *Port of London* 3/2/93

No. in Reg. Book *648* Survey held at *Tilbury* Date, First Survey *27th Jan.* Last Survey *2nd Feb.* 18*94*

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* Boilers, when made (Main) *1887* (Donkey) *1887*

Registered Horse Power *320* Engines made at *do.* Owners *Williams, Torrey & Field* Port *London* Voyage *Philadelphia*

No. of Main Boilers *Two* If Surveyed Afloat or in Dry Dock *Tilbury dock* (State name of Dock.)

Steam Pressure in Main Boilers *160* in Donkey Boiler *60*

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. *54862* Port *London*

Particulars of Examination and Repairs (if any) *Compl. B.8.*

(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?

Do. " Donkey " " " *Yes.*

If this was not done, state for what reasons? *Mr. Bro. previously exd.*

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?

At what pressure were they afterwards adjusted under steam? *No Not adjusted*

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted? *Yes. 60lbs.*

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

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

General Observations, Opinion, and Recommendation:— *This vessel's machinery, as 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.*

(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.)

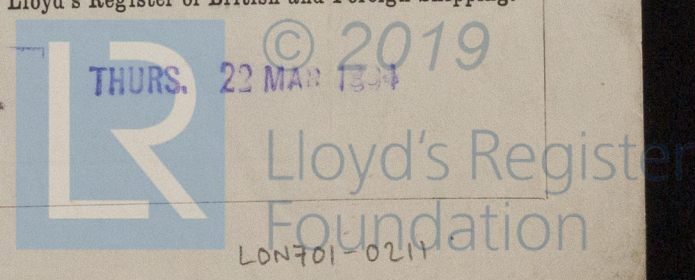
	Fees applied for
Office or Registration Fee (per Sec. 27)..... £	18
Survey Fee (per Section 28)..... £	
Special Damage Fee (per Section 28)..... £	
Travelling Expenses (if chargeable)..... £	
	Received by me, 18

*State if Certificate is required

Committee's Minute *B.S. 10.93*

Assigned

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



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.

16—LRPH—Form No. 2—Transfer Ink—3,000/2/10/03.
(The Surveyors are requested not to write on or below the space for Committee's Minute.)

It is submitted that
this vessel is eligible for
THE RECORD B.S. 10.93

R.L.
14/2/94

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.



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