

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

(Received at London Office THUR, MAY 21 1896)

Date of writing Report 20<sup>th</sup> May 1896 When handed in at Local Office 20<sup>th</sup> May 1896 Port of LONDON

No. in Reg. Book 712 Survey held at LONDON Date, First Survey 14<sup>th</sup> May 1896 Last Survey 19<sup>th</sup> May 1896

on the Machinery of the Wood, Iron or Steel S.S. Minnesota Master T. Lucas 96-97

Tonnage Gross 3276 Net 2450 Vessel built at Belfast By whom Harland & Wolff When 1887 11

Registered Horse Power 246 Engines made at London When 87 Boilers, when made (Main) 87 (Donkey) 87

No. of Main Boilers 2 Owners William, Tony & Jack Port LONDON Voyage Baltimore & Swansea

No. of Donkey Boilers 1 Steam Pressure in Main Boilers 160 lbs If Surveyed Afloat or in Dry Dock Afloat in W. Dock

in Donkey Boilers 60 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. 57449 Port LONDON

Particulars of Examination and Repairs (if any) AS

(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? Donkey Boiler at work

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? 160 lbs

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

To what pressure were they afterwards adjusted? not adjusted

Was the propeller shaft been drawn and examined at this time? no

If the Survey is not complete state what arrangements have been made for its completion? Donkey Bk to be examined & repaired

Now done. Main Boilers examined and found to be generally in satisfactory condition. Safety valves examined and adjusted under steam as above.

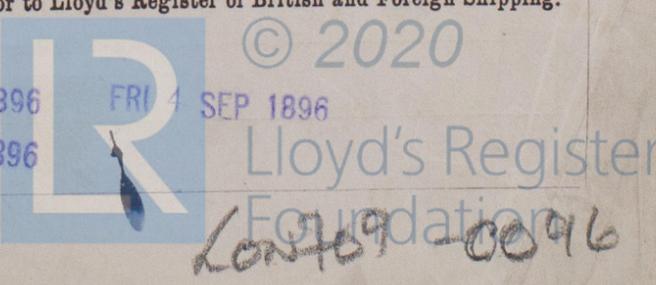
It has been arranged that the Donkey Boiler will be opened up for survey on vessel's next arrival in London.

General Observations, Opinion, and Recommendation:—

(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. 9,95, B.&M.S. 9,95 or L.M.C. 9,95, 140 lb., &c.)  
The Boilers of this vessel so far as now seen are in good condition and in my opinion eligible to remain as classified but the fresh record of B.S. 5-96 be deferred until this survey is completed.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 23/5/1896  
Survey Fee (per Section 28) £ 2:0:0  
Special Damage Fee (per Section 28) less 0% £ 0:4:0  
Travelling Expenses (if chargeable) £ 1:16:0 Received by me 26/6/1896  
A.C.H.  
J. D. Pittman  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES, MAY 26 1896  
Assigned Deferred for completion of B.S.  
TUES, JUN 2 1896 FRI, JUL 10 1896 TUES 24 NOV 1896



H.C.S. & Survey also been held on Ship?

Certificate to be sent to

The Surveyor is requested not to write on or below the space for Committee's Minute.

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