

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

(Received at London Office

FRI. 30 JUN 1899

Date of writing Report 29 June 1899 When handed in at Local Office 29 June 1899 Port of London
No. in Reg. Book. Survey held at London Date, First Survey 17 June Last Survey 23 June 1899
810 on the Machinery of the Wood, Iron or Steel S.S. Minnesota Master Lucas
Tonnage Gross 3216 Net 2080 Vessel built at Belfast By whom Harland & Wolff When 1887. 11
Registered Horse Power 296 Engines made at Owners Atlantic Transport Co. Ltd. Port London Voyage Baltimore
No. of Main Boilers 1 No. of Donkey Boilers 1
Steam Pressure in Main Boilers 160 lbs. If Surveyed Afloat or in Dry Dock Afloat in H. I. Dry Dock.
in Donkey Boilers 50 lbs. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. Port Particulars of Examination and Repairs (if any) New Tail Shaft. 100 A. 2.98 + L.C. 8.98
M.L. 35.94

(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?
Do. " Donkey " "
If this was not done, state for what reasons?
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? To what pressure were they afterwards adjusted under steam?
Did the Surveyor examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?
Has the propeller shaft been drawn and examined at this time? Yes. If spare propeller shaft fitted, state whether new? New.
State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? New wood.
If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete.

Now done: - A new Propeller Shaft fitted. Please see Forging Report herewith.
Propeller Stern-bush and Sea Connection in good order.

See Limit List

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, 97, B. & F.S. 9, 97 or L.M.C. 9, 97, 140 lb., F.D., &c.)
The machinery of this vessel so far as now seen, is in good order and in my opinion eligible to remain as classified without fresh record and a new Tail Shaft having been fitted, this vessel's name remains from Limitation List.

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|--|---|---|---|--------------------|
| Office or Registration Fee (per Sec. 27) | £ | : | : | Fees applied for |
| Survey Fee (per Section 28) | £ | : | : | 10 |
| Special Damage Fee (per Section 28) | £ | : | : | |
| Travelling Expenses (if chargeable) | £ | : | : | Received by me, 10 |

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

State if Certificate is required
Committee's Minute TUES. 4 JUL 1899
Assigned As now but without limit

Screw shaft renewed (on acc of wear then)

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 to cause it to show through to the other side.

It is submitted that this vessel is eligible to remain as **CLASSED**.

Vessel's name to be removed from limit list

LD
3/2/99

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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