

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

(Received at London Office)

Date of writing Report 16 Sept 1897 When handed in at Local Office Port of London SAT. 18 SEP 1897

No. in Reg. Book. 683 Survey held at London Date, First Survey 11 Sept Last Survey 15 Sept 1897  
on the Machinery of the Wood, Iron or Steel S.S. Michigan Master F. W. Lubb

Tonnage Gross 3722 Net 2383 Vessel built at Belfast By whom Harland & Wolff (Lim) When 1890 Boilers, when made (Main) 1890 (Donkey) 1890  
Registered Horse Power 390 Engines made at Belfast When 1890 Boilers, when made (Main) 1890 (Donkey) 1890  
No. of Main Boilers 2 Owners National S. S. Co. (Lim) Port London Voyage America  
No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Royal Albert  
Steam Pressure in Main Boilers 185 lbs (State name of Dock.)  
in Donkey Boilers 90 lbs

Last Survey No. 59111 Port London

## Particulars of Examination and Repairs (if any) Part B. 3

(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.)

| CHARACTER.<br>* for Special Survey.<br>Date of last Survey and of<br>Periodical Surveys. | Years<br>Assigned<br>now<br>expired. | Machinery and Boiler<br>Surveys<br>(including date of N.B., if any). |
|--|--------------------------------------|--|
| + 100 A-1-5-97   |                                      | + Im C 5.94<br>B.S. 6.96   |
| S.S. Lon No 1-95   |                                      |  |

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No

Do. " " Donkey " " " Yes

If this was not done, state for what reasons? Main Boilers recently surveyed

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? No At what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted? How 85 lbs (Sufficient)

Has the propeller shaft been drawn and examined at this time? No If spare propeller shaft fitted, state whether new? ✓

If the survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete

Examined Donkey Boiler externally & internally & found it in fair condition.

Examined safety valves & found them satisfactory.

Examined S Boiler under steam & adjusted safety valves & working pressure.

General Observations, Opinion, and Recommendation: The Machinery of this vessel, so far as seen, is now in a safe working condition & eligible, in my opinion, to have B.S. 8.97 Recorded in the Register of the Society. (See London Report No 59111)

(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., F.D., &c.)

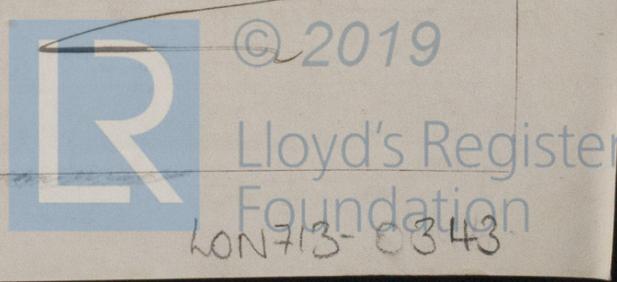
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|--|-------|------------------|
| Fee or Registration Fee (per Sec. 27)..... | £ : : | Fees applied for |
| Survey Fee (per Section 28).....           | £ : : |                  |
| Special Damage Fee (per Section 28).....   | £ : : |             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

Thomas Blackie  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

state if Certificate is required ✓

Committee's Minute TUES. 21 SEP 1897

Assigned BS 8.97



If so, is the Report sent now, or when will it be sent?

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

Certificate to be sent to...

*It is submitted that  
this vessel is eligible for  
THE RECORD. 13. 8. 97.*

*J.S.  
18. 9. 97*

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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