

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

(Received at London Office. **FRI. 9 DEC 1898**)

Date of writing Report **6th Dec** 18 **98** When handed in at Local Office **7th Dec** 18 **98** Port of **London**

No. in Reg. Book **779** Survey held at **London** Date, First Survey **18 Oct** Last Survey **6th Dec** 18 **98**

on the Machinery of the **Wood, Iron or Steel** **T.S. Minnesota** Master **Lukas**

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

Registered Horse Power **291** Engines made at **"** When **'87** Boilers, when made (Main) **'87** (Donkey) **'87**

No. of Main Boilers **2** Owners **Atlantic Transport Co. Ltd** Port **London** Voyage **Baltimore**

No. of Donkey Boilers **1** If Surveyed Afloat or in Dry Dock **afloat** (State name of Dock.)

Steam Pressure in Main Boilers **162 lb** in Donkey Boilers **50**

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

CHARACTER.	Years Assigned.	Machinery and Boiler Surveys (including date of N.B., if any).
For Special Survey.		
Date of last Survey and of Periodical Surveys.		

Last Survey No. **2** Port **London**

Particulars of Examination and Repairs (if any) **couple of L.M.C. + 100 A. 2.98. + L.M.C. 10.93**

(Periodical Survey when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, 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? **already done. See Rept. 1060171.**

Do. Donkey " " " **yes.**

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? **no** To what pressure were they afterwards adjusted under steam? **now 162 lbs**

Did the Surveyor examine the Safety Valves of Donkey Boiler? **yes** To what pressure were they afterwards adjusted under steam? **not adj.**

Has the propeller shaft been drawn and examined at this time? **no** If spare propeller shaft fitted, state whether new? **"**

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? **"**

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? **Donkey Boiler Safety**

Valve to be adjusted under steam as above on vessel's return next month. Now done:— Donkey Boiler examined. Some found slightly weakened by corrosion. Test holes show sufficient thickness for a working pressure of Fifty Pounds per Square inch only. To which pressure they will now be reduced.

After examining this Boiler now tested by water pressure to 80 lbs per sq. inch and found good. Main Safety Valves now adjusted as above. Low Pressure Side Valve examined & found in good order.

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.&M.S. 9, 97 or L.M.C. 9, 97, 140 B., F.D., &c.)

The Machinery of this Vessel is in good order and in my opinion eligible to remain as classed. With fresh record of + L.M.C. 7.98 when this Survey is completed.

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

State if Certificate is required **TUES. 13 DEC 1898** **FRI. 27 JAN 1899** **FRI. 24 MAR 1899** **TUES. 28 MAR 1899**

Committee's Minute **Deferred**

Assigned **Deferred**

LLOYD'S REGISTER FOUNDATION

LONDON 17-0114

S.S. No. 1. due 5.98 to be Completed
on vessels return in one month.

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.

It is submitted that this
vessel WILL BE eligible for
the record. + L.M.C. 8.98 when
The Donkey Boiler Safety Valve
have been adjusted under
Steam - and subject to
Screw Shaft being examined
before end of Sep. 1899.

A.C.H.

10.12.98-

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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