

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

(Received at London Office)

WED. 10 AUG 1898

Date of writing Report *8 Aug 1898* When handed in at Local Office *9 Aug 1898* Port of *London*
 No. in Reg. Book *779* Survey held at *London* Date, First Survey *27 July* Last Survey *3 Aug 1898*
 on the Machinery of the *Wood, Iron or Steel* *S.S. Minnesota* Master *Rues*
 Tonnage Gross *3216* Net *2080* Vessel built at *Belfast* By whom *Harland & Wolff* When *1887*
 Registered Horse Power *29 1/2* Engines made at *London* When *'87* Boilers, when made (Main) *'87* (Donkey) *'87*
 No. of Main Boilers *1* Owners *Atlantic Trn Co Ltd* Port *London* Voyage *Baltimore*
 No. of Donkey Boilers *1* Steam Pressure *160 lb* If Surveyed Afloat or in Dry Dock *Afloat in H. I. Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER.	Years since last survey expired.	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. *L.M.C. +100 A. 2.98* Port *L.M.C. +100 A. 2.98*
 Particulars of Examination and Repairs (if any) *L.M.C. +100 A. 2.98*

(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? *Letter 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.* To what pressure were they afterwards adjusted under steam? *not adj'd*
 Did the Surveyor examine the Safety Valves of Donkey Boiler? *no* To what pressure were they afterwards adjusted under steam? *not adj'd*
 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 vite 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? *On vessel's return here in about six weeks to be done to complete L.M.C. Vessel to be placed in dry dock. Tail shaft-sea connections, Propeller and stern bush to be seen, No. 1 Cylinder & Piston and all Trunks to be examined also the Donkey Boiler & its safety valves to be examined, all safety valves adjusted under steam also slide valves examined. Now done: Examined crank, Thrust, & Propeller shafting H.P. & S.P. Pistons & Cylinders also examined the Main Boilers throughout found the above to be all generally in satisfactory condition.*

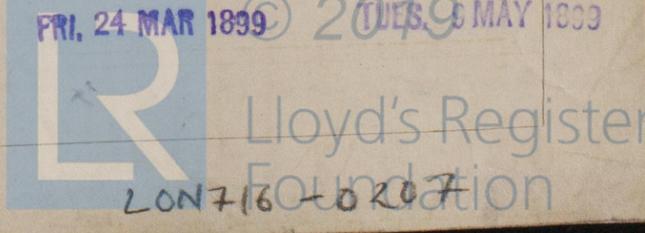
General Observations, Opinion, and Recommendation:—
 (State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,97, B.&M.S. 9,97 or L.M.C. 9,97, 140 lb., F.D., &c.)
The Machinery of this vessel so far as seen is in good order and in my opinion eligible to remain as now classed with a fresh record of +L.M.C. 7.98 when this survey is completed.

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

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

State if Certificate is required
 Committee's Minute
 Assigned *Deferred*

FRI. 12 AUG 1898 TUES. 4 JUL 1899 FRI. 24 MAR 1899 TUES. 9 MAY 1899
 TUES. 20 SEP 1898 TUES. 13 DEC 1898 FRI. 27 JAN 1899



Has a Survey also been held on Ship? 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

L. 1. 100, due 5, 9 P to be completed on vessels
return.

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. 898 when the
propeller, screw shaft, stern bush &
connections the M.P. by piston
all pumps, the G.B. bits
safety valves have been
examined & all safety
valves adjusted
in due time

11/1/98

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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