

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

(Received at London Office)

TUES. 6 DEC 1898

Date of writing Report *Dec 5<sup>th</sup> 1898* When handed in at Local Office *18* Port of *London*  
 No. in Reg. Book. *89.* Survey held at *London* Date First Survey *Nov. 14<sup>th</sup>* Last Survey *Dec 2<sup>nd</sup> 1898*  
 on the Machinery of the *Wood, Iron or Steel* *S.S. "Barnshire"* Master *Stewart*  
 Tonnage { Gross *3526* Net *3603* Vessel built at *New* By whom *Hawthorn Leslie & Co* When *1894* Boilers, when made (Main) *1894* (Donkey) *1894*  
 Registered Horse Power *380* Engines made at *Do* Owners *Cornwall, Martin & Co* Port *Glasgow* Voyage *Queensland*  
 No. of Main Boilers *2* If Surveyed Afloat or in Dry Dock *James W. & A. & Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 No. of Donkey Boilers *1* Steam Pressure—*160 lbs* in Main Boilers *160 lbs* in Donkey Boilers

Last Survey No. *Port*  
 Particulars of Examination and Repairs (if any) *Part S.S. No. 1.*

(Periodical Surveys, when held, must be reported in detail and serially 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?

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?

*Return is about 5 months time. To complete the Survey the crank shaft journals, thrust shaft, Donkey Boiler & its safety valves be examined & the latter be adjusted under steam.*

*Examined Main Boilers internally & externally and safety valves, also Cylinders, pistons, valves, pumps & Condenser, crank pins, Tunnel & propeller shafts, propeller, stem bush, Sea Stidge connections and fastenings.*

*Repairs. All plain tubes renewed in Main Boilers, & forty screwed stays renewed in combustion chamber backplates, new propeller brass plate, stem bush rewooded & forward feed pump chamber renewed. Main Boilers tested after repairs by hydraulic pressure to 320 lbs & Safety valves afterwards adjusted under steam.*

General Observations, Opinion, and Recommendation: *This vessel's Machinery is now as far as seen in good condition & in my opinion the vessel will be eligible for the record L.M.C. 12.98 when the Survey has been completed.*

(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.)

Office or Registration Fee (per Sec. 27) £ : :  
 Survey Fee per Section 28) £ 5:10:0  
 Special Damage Fee (per Section 28) £ :11:0  
 Travelling Expenses (if chargeable) £ 4:19:0

Fees applied for

7/12 98

Received by me

4/12/98

State if Certificate is required

Committee's Minute

Assigned

*Deferred*

FRI. 9 DEC 1898

TUES. 21 NOV 1898

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

*Mr Salma*



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LN717-0094

L.S. N<sup>o</sup> 1 to be completed on return

Moderate repairs to Main Boilers

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. 12.98

When Crank shaft, Thrust  
shaft, Donkey Boiler and  
its Safety valves have  
been examined and  
the latter adjusted  
under steam -

A.C.H.

7.12.98

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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