

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

(Received at London Office FRI. 2 DEC 1898)

Date of writing Report *Dec 1<sup>st</sup> 98* When handed in at Local Office *18* Port of *London*  
 No. in Reg. Book. *336* Survey held at *London* Date, First Survey *Oct 18<sup>th</sup> 98* Last Survey *Nov. 28<sup>th</sup> 1898*  
 on the Machinery of the ~~Wood, Iron or Steel~~ *S.S. "Clarama"* Master *Clifford*  
 Tonnage { Gross *3508* Net *2460* Vessel built at *Id.* By whom *Doxford Sons* When *1890* Boilers, when made (Main) *1890* (Donkey) *1890*  
 Registered Horse Power *359* Engines made at *Id.* Owners *New Zealand S. Co. Ltd* Port *Plymouth* Voyage *New Zealand*  
 No. of Main Boilers *2* No. of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *A. a. Dock & Dry Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 Steam Pressure—  
 in Main Boilers *160 lb*  
 in Donkey Boilers *60*

Last Survey No. *Port*Particulars of Examination and Repairs (if any) *S.S. No. 2 Damage £100 A. 1. 11. 97. H.L.M.C 1094*

(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? *163 lbs*

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted under steam? *60 lbs*

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?

*To be completed on vessel's return in about four months. To complete the Survey the screw shaft & the drawn for examination.*

*Examined Main & Donkey Boilers internally and externally and Safety valves also Cylinders, Pistons, Valves, Pumps & Condenser, Sea Bidge Connections, crank, Thrust, & Tunnel Shafts, propeller, and fastenings.*

*Repairs due to wear & tear. One gusset stay renewed in Donkey Boiler Repairs due to Damage (Heavy weather Engines racing) A.P. piston & junk in tried up & new piston rings fitted. A.P. Eccentric straps re-metalled & Saddle Hook braces renewed.*

General Observations, Opinion, and Recommendation:—*This vessel's Machinery is now*

(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 S.L.M.C. 9,97, 140 lb., F.D., &c.)

*as far as seen in good condition & in my opinion the vessel is eligible for the record B.S. 11.98 & will be eligible for the record H.L.M.C. 11.98 when the Survey has been completed.*

Office or Registration Fee (per Sec. 27)..... £ :

Fees applied for

Survey Fee per Section 28)..... £ 5.10.0

2/12 18 98

Special Damage Fee (per Section 28)..... £ 2.2.0

26/1/99

Travelling Expenses (if chargeable)..... £ 1.18.0

Received by me,

18

State if Certificate is required

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

Committee's Minute

TUES. 6 DEC 1898

FRI. 9 JUN 1899

FRI. 3 NOV 1899

Assigned *Deferred**BS 11.98*Lloyd's Register  
Foundation  
LON 717-0077



S. S. No. 2 to be completed on return.  
One Suspect stay removed in Docking Boilers.  
Slight repairs to Engine due to damage.

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 is eligible for record B.S. 11.98  
and will be eligible for L.M.C. 11.98 when  
the Screw shaft has been  
examined.

A.C.H.

2.12.98.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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