

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

WED. 13 JAN 1897

Date of writing Report Jan 12 1896 When handed in at Local Office Port of London (Received at London Office)

No. in Reg. Book 20 Survey held at on the Machinery of the Wood Iron or Steel Date, First Survey Nov 18 Last Survey Jan. 5 1897 (No. of Visits 14)

S.S. "Hainshire" Master Olson

Tonnage { Gross 3819 Net 2438 Vessel built at Nwe. By whom Hawthorn Leslie & Co. When 1889 YEAR MONTH 8

Registered Horse Power 407 Engines made at 50 When 1889 Boilers, when made (Main) 1889 (Donkey) 1889

No. of Main Boilers 3 Owners (Swinkell, Martin & Co) Port Glasgow Voyage New Zealand

No. of Donkey Boilers 1 Steam Pressure— in Main Boilers 160 lbs If Surveyed Afloat or in Dry Dock James Ltd Victoria St Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boilers 90 lbs

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned to the vessel.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A. 1. 5. 96</u>		<u>L.M.C. 10. 93</u>
<u>S.S. LON No. 1. 94.</u>		<u>B.S. 12. 95</u>

Particulars of Examination and Repairs (if any) B.S. & Damage.

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? Yes.

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? Yes.

At what pressure were they afterwards adjusted under steam? 163 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes.

To what pressure were they afterwards adjusted? 90 lbs.

Has the propeller shaft been drawn and examined at this time? Yes. (new shaft now fitted)

If the Survey is not complete state what arrangements have been made for its completion? Completed.

Examined Main & Donkey Boilers internally & externally & Safety valves, all found to be in good condition.

Safety valves adjusted under steam as above.

Repairs to Engines due to damage by grounding. New screw shaft, & three new crank shafts fitted, Journal shaft fixed up, L.P. piston rod straightened, and Main Bearing Brasses re-metalled.

General Observations, Opinion, and Recommendation:— This vessel's Boilers & Engines as (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.P., &c.)

for as seen are now in good condition & in my opinion the vessel is eligible to remain as classed & have the record B.S. 7.97.

Office or Registration Fee (per Sec. 27)..... £	Fees applied for
Survey Fee (per Section 28)..... £ 2:10:0	<u>14. 1. 18. 97</u>
Special Damage Fee (per Section 28)..... £ 3:3:0	Received by me,
Travelling Expenses (if chargeable)..... £ 5:13:0	<u>10/11/97</u>
*State if Certificate is required..... £ 5:2:0	

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

Committee's Minute FRI. 15 JAN 1897

Assigned BS 1. 97



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.

*Certificates to be sent to...

Screw shaft, three crank shafts + metal in
Main bearing brasses renewed, tunnel
shafting lined up + L.P. piston rod
straightened - 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
THE RECORD. B.S. 1.99.

R. E.
14/1/97

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation