

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

(Received at London Office) WED. THUR. 11 1897

Date of writing Report 18 is When handed in at Local Office 18 is Port of Glasgow March
 No. in Reg. Book 1076 Survey held at Glasgow Date, First Survey 20 Jan'y Last Survey 3rd Feb 1897
 on the Machinery of the Wood, Iron or Steel 3/8 Cavalon Master Boulter
 Tonnage { Gross 2083 Vessel built at Newcastle By whom L. S. Swan & Hunter When 1888 YEAR. MONTH. 7
 Registered Horse Power 219 Engines made at Stockton When 1888 Boilers, when made (Main) 1888 (Donkey) 1888
 No. of Main Boilers two Owners English & American S. C. (Lim) Port London Voyage America
 No. of Donkey Boilers one Surveyed Afloat & in Dry Dock Queens & Hendersons Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. S.S. No. 2 Port London
 Particulars of Examination and Repairs (if any) S.S. No. 2

CHARACTER for Special Survey, Date of last Survey and of Periodical Surveys.	Years Allowed expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+ 100 A 1</u>	<u>2.96</u>	<u>+ L.M.C.</u>
<u>S.S. L.V. No. 1-93</u>	<u>1.93</u>	<u>B.S. 2.96</u>

(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? 160 lb. 70"
 Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted? 75 lb. 70"

Has the propeller shaft been drawn and examined at this time? yes If spare propeller shaft fitted, state whether new? Complete

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete
 The main boilers opened out, examined internally and externally found in good condition. The safety valves opened out, also all other mountings, and made good. Steam raised and the safety valves found to blow at the above pressure.

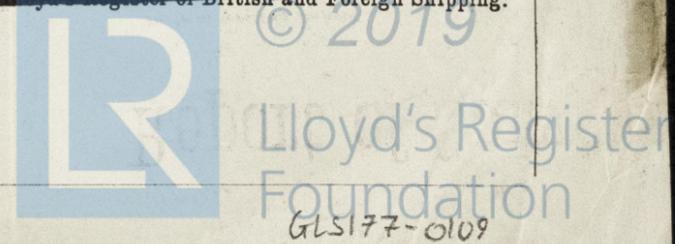
The donkey boiler opened out, examined internally and externally, found the combustion chamber considerably bulged, the same now has been efficiently stayed. The safety valves and other mountings overhauled and made good. Steam raised and the safety valves set to blow at 75 lb. 70". The engines opened out, examined cylinders, pistons, slide valves, & escape valves, found good. The crank, thrust and trunk, also screw shafts exam'd, found good. The condenser, air, and circulating, feed and bilge pumps exam'd, found good, also all ships side connections. All donkey pumps overhauled. One of Monson's Evaporators have been fitted, also a Feed Heater by N.E.M.E.C. Co. Lim'd. All the boilers have been slagged.

General Observations, Opinion, and Recommendation:— The Machinery of this vessel is now in good condition and in my opinion eligible to remain as classed and to have record of + L.M.C. 3,97 noted in the Register.

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ 5:10 "
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 Fees applied for 5/31 1897
 Received by me, W. C. Hamilton

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

*State if Certificate is required
 Committee's Minute FRI. MAR 12 1897
 Assigned + L.M.C. 3,97



Has a Survey also been held on Ship? Yes
 If so, is the Report sent now, or when will it be sent?

*Certificate to be sent to

*It is submitted that
this vessel is eligible for*

THE RECORD + L. h. C. 3. 97

*Rd.
11. 3. 97*

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.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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