

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

(Received at London Office

WED THUR, 11 1897

Date of writing Report 18 When handed in at Local Office 18 Port of Glasgow
No. in Reg. Book 1076 Survey held at Glasgow Date, First Survey 20 Jan'y Last Survey 3 Feb 1897
on the Machinery of the ~~Iron~~ Steel ~~Iron~~ *Avalon* Master *Boulton*
Tonnage { Gross 2083 Net 1354 Vessel built at Newcastle By whom *L. S. Swan & Hunter* When 1888
Registered Horse Power 219 Engines made at *Stockton* When 1888 Boilers, when made (Main) 1888 (Donkey) 1888
No. of Main Boilers 2 Owners *English & American S. S. Co. (Lmtd)* Port *London* Voyage *America*
No. of Donkey Boilers 1
Steam Pressure in Main Boilers 160 Surveyed Afloat & in Dry Dock *Queens & Hendersons* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements.)
in Donkey Boilers 73

Last Survey No. Port
Particulars of Examination and Repairs (if any) *S. S. No. 2*
(Periodical Surveys, when held, must be reported in detail and verbatim 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?

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. Ltd. All the boilers have been relagged.

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) £ : : Fees applied for 5/31 1897
Survey Fee (per Section 28) £ 5 10 : :
Special Damage Fee (per Section 28) £ : :
Travelling Expenses (if chargeable) £ : :
Received by me, *Wm. 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*

It is submitted that
this vessel is eligible for
THE RECORD + L. h. C. 3. 97

Ed.
11. 3. 97

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