

*23795

Report of Survey for Repairs of Engines and Boilers.

No.

No. in Reg. Book. Survey held at London

Date, first Survey June 5th Last Survey June 10th 1879

491 on the S.S. Lisbon

Master

Built at West Hartlepool

When built 1871

Tons 860
1334

Owners

Hall & Co

Port belonging to

London

Classed

Years assigned.

Character in Register Book.

100A1

Diameter of Cylinder 27 1/2

Length of Stroke 36

Pressure of Steam 70 lbs.

Registered Horse Power 120

Engines made at Stockton

When made 1871

By whom made Blair & Co.

Particulars of Repairs and Examination High pressure cylinder examined and found good. High pressure piston overhauled and spring reset. Junk ring bedded down on piston to meet packing ring. Slides & cylinder faces found good. Crank shaft examined and found in good condition. Air and Circulating pumps overhauled. Propeller & sea connections examined in dry dock, shaft found 1/16 of an inch down. Donkey Boiler examined and cleaned. Main Boilers examined and a few screw stays renewed. These boilers are in a remarkably good state of preservation for their age (8 years) the working pressure has for some time been reduced from 80 to 70 lbs per square inch. They are fitted with Vertical domes. The tops of which are stayed but the shell under them is not, but as it is considerably stronger than required by the Rules for the working pressure, in my opinion stays are unnecessary. Safety Valves (Snowdon's patent) overhauled and set to the working pressure under steam.

The machinery & boilers of this vessel are now in good order and safe working condition, and in my opinion render the vessel eligible to remain as classed, but I would suggest that the machinery be again surveyed at the end of two years from the date of last survey.

In order to render the vessel eligible to have a machinery certificate granted the blow off cock, will have to be removed to turn of bilge.

The Amount of Fee ... 19/6/79 £ 4 : 4 : 0 received by me,

Certificate (if required) ... £ : : 25 June 1879

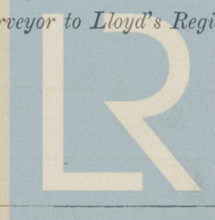
Travelling Expenses, if any, £

Committee's Minute

18

James J. Melfow

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

Lloyd's Register
Foundation

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