

## Report of Survey for Repairs of Engines and Boilers.

No.

No. in  
Reg. Book.

Survey held at

London

Date, first Survey

Last Survey 30<sup>th</sup> Oct 1878

30

on the

S.S. "Vancouver"

Master

Built at

Renfrew

When built

1843

Tons

2923

Owners

China Tramway Port belonging to London

Classed

Years  
assigned

Character in Register Book.

107A1

Diameter of Cylinder

54 1102

Length of Stroke

54

Engines made at

Renfrew

When made

YEAR

Pressure of Steam

65

Registered Horse Power

530

By whom made

Henderson Coulbourn &amp; Co.

## Particulars of Repairs and Examination

Engines

High pressure cylinder opened, piston overhauled, cylinder filed at top & bottom. H.P. Slide & face refaced. Low Pressure slide lapped on steam side and chipped out on exhaust. L.P. Cylinder & piston examined through manhole. Crank shaft bearings examined and found good. Cranks altered to be about 90° apart. eccentrics of Low pressure engine shifted to suit altered slide valve. Turrel shaft bearings examined. Bilge injection cock and three suction cocks to bilge from Donkey altered to non return valves.

Boilers & superheater examined, Boilers cleaned out and several new tubes fitted, tops of some of combustion chambers found bulged, these were set up as far as possible and strengthened by means of girders riveted to tops. Front end plates in uptakes fitted with Duffle plates. Furnaces & combustion chambers drilled in places to ascertain thickness, which was everywhere good. Safety valves and their easing gear overhauled and the loads checked. Safety valve of superheater overhauled.

The machinery of this vessel is now in good order and safe working condition

The Amount of Fee ...

£

6 : 6 : 0

received by me,

Certificate (if required) ...

£

:

:

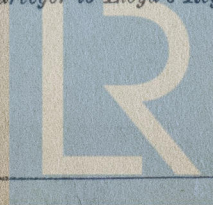
21 Nov 1878

Travelling Expenses, if any, £

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

Committee's Minute

18

Lloyd's Register  
Foundation

IRON 481-0218



The Machinery of this vessel has  
been thoroughly repaired, and is  
reported to be in good  
condition. Submitted that  
she is eligible to have  
Lloyd's M.C. and a  
machinery certificate from  
30 October 1878

MM

31.10.78



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