

# Report of Survey for Repairs of Engines and Boilers.

No.

(Received at London Office, 15.4.80)

No. in Reg. Book. Survey held at *London*

Date, first Survey *April 2<sup>nd</sup>* Last Survey *April 13<sup>th</sup>* 1880

*270* on the Machinery of the *S. S. "Penguin"*

(Number of Visits *4*)

Tonnage, Gross *906*

Built at *Dundee*

When built *1876*

Ditto, Net *582*

Owners *Genl. Sm. Nartgn. Co.*

Port belonging to *London*

Diameter of Cylinder *42" & 70"*

Engines made by *Gowlay Bros.*

When made *1876*

Length of Stroke *36"*

Boilers made by *Gowlay Bros.*

When made *1876*

Pressure of Steam *65 lbs.*

If Surveyed Afloat or in Dry Dock *Afloat & Dry Dock*

Classed

Years assigned. Character in Register Book.

*100A1*

Registered Horse Power *220*

*Lloyds M.C. 6.76*

Last Survey No.

Port

*S. S. No 1*

Particulars of Repairs and Examination *Examined slide valves which were found to be in good condition, examined cylinders in good condition. Examined crank shaft which was in good condition. Thrust bearing examined, new brass rings fitted. Examined Air and circulating pumps which were in good condition, new valves fitted in Air pump. Examined Boilers, middle furnace of port boiler, fitted in bottom plate, a plate about 18" by 12" has been rivetted over defective parts. The top of wing combustion chamber on Starb. side, and midship chamber on port side are buckled, stays fitted between the original ones making the pitch 4". The two top rows of stays in midship combustion chambers renewed. Supposed to be caused by action of feed water, an internal pipe has been fitted to conduct water to middle of boiler. Blow off cocks overhauled. Examined steam chests which were found to be in good condition. Examined safety valves which were in good condition. Tested safety valves under steam to the working pressure of 65 lbs per sq. inch*

General Observations, Opinion, and Recommendation:— *The Engines and Boilers of this ship being now in good and safe working condition, are eligible in my opinion to be marked in the Register Book with Lloyd's M.C. 4.80*

Entry or Registering Fee *8/4* ... £ *1* : *10* :

Survey Fee ... £ *3* : *3* :

Certificate (if required) ... £ : *5* : *6 Aug 1880*

Travelling Expenses, if any, £

Committee's Minute

18

Assigned

*Lloyds' Reg. 4.80*

*Geo. E. Wilkinson*

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



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Lloyd's Register Foundation

IRON 494-0194



It is submitted that this  
vessel is eligible to  
have the notification

Lloyd's M.C. 4. 88

Recorded in  
the Register  
Book

J.M.  
14/4/88



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