

Report of Survey for Repairs of Engines and Boilers.

(Received at London Office, 26. 7. 80)

No. in Reg. Book. *1452* Survey held at *London* Date, first Survey *July 2nd* Last Survey *July 13th* 18*80*

on the Machinery of the *S. S. "Aurora"* (Number of Visits *4*)

Tonnage, Gross *711* Built at *Newcastle* When built *1863*

Ditto, Net *446* Owners *London Steamship Co.* Port belonging to *London*

Diameter of Cylinder *26" + 5"* Engines made by *Compd. Palmers Co.* When made *1872*

Length of Stroke *30"* Boilers made by When made *1872*

Pressure of Steam *75 lbs.* If Surveyed Afloat or in Dry Dock

Registered Horse Power *160* Classed *95A1* Years assigned *8* Character in Register Book. *Lloyds M.C. 8.77*

Last Survey No. Port

Particulars of Repairs and Examination According to the requirements for Special Survey No 2 for Iron ships.

Examined crank shaft which was found to be in good condition. Air and circulating pumps together with buckets and valves examined and found in good condition. Feed and Bilge pumps & valves also non return valves on Boilers examined and found in good condition. High pressure cylinder (new) fitted, Piston in good condition. Examined low pressure cylinder which was in good condition. Valve & cylinder face in good condition. Vessel placed on Pontoon sea connections examined and overhauled. Propeller examined and found in good condition. Tail shaft down 8". Boilers examined furnaces in fair condition, combustion chambers in fair condition, one patch in each wing chamber, tube plates in good condition. Top row of screw stays at back of combustion chambers much corroded the rest more or less so. Safety Valves examined and found to be in good condition. Donkey Boiler examined and found to be in good condition. Condenser tubes drawn, condenser cleaned. Hubs replaced with new wood packing.

General Observations, Opinion, and Recommendation :— The Engines & Boilers of this ship being now in good & safe working condition are eligible, in my opinion, to be marked in the Register Book with Lloyds M.C. 7. 80., provided that the boilers are again submitted for survey in twelve months from this date

Entry or Registering Fee *26/7/80* £ *1* : *10* : *0*

Survey Fee ... £ *2* : *2* : *0* received by me,

Certificate (if required) ... £ : : *12 Aug 1880*

(Travelling Expenses, if any, £)

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

Committee's Minute 18

Assigned

This vessel has now undergone
the requirements of S.S. No 2 so far as
regards inspection of machinery,
and she appears to be eligible to
be classed Lloyd's rule 780
subject to the further
survey of the boilers
in twelve months
hence.

MM
24. 7. 80



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Foundation