

Report of Survey for Repairs of Engines and Boilers.

No. *5007*
 No. in Reg. Book. *568*
 Survey held at *Boston, Lincolnshire* Date, first Survey and Last Survey *23 May 1881*
 on the Machinery of the *S.S. 'Lizzie & Annie'* (Number of Visits *me*)
 Tonnage, Gross *99* Built at *S. Shields* When built *1877*
 Ditto, Net *62* Owners *J. Slater* Port belonging to *Boston*
 Diameter of Cylinder *12" x 16"* Engines made by *Pattison & Atkinson* When made *1877*
 Length of Stroke *16"* Boilers made by *do* When made *1877*
 Pressure of Steam *55 lb.* If Surveyed Afloat or in Dry Dock *on hard* (State name of Dock.)
 Registered Horse Power *25* Classified *90 A. 1*
 Last Survey No. *1405 81* Port *Lon* *Lloyds M. C. 7. 77.*

Particulars of Repairs and Examination of Boiler & Machinery for repair, and in continuation of Survey held at London 9th March 1881.

Boiler taken out of the ship for repair. gusset plate at back end of furnace top renewed. Shell of Boiler & combustion chamber repaired with new plate riveted on as requisite. (defective parts cut out). one new screw stay with riveted ends fixed to combustion chamber back. The Boiler tested by hydraulic pressure to 75 lb. Two new Safety valves fitted. Loading tested & found not to exceed recorded working pressure.

Cylinders opened up. Pistons fitted with new spring rings. Slides drawn & the ends of the spindles renewed. Faces good. Air & circulating pumps in good order. Feed pump valves examined. Found good. New valves fitted to bilge pumps. Surface condenser being opened up for examination. Crank pins stripped & brasses re-adjusted. Donkey Engine overhauled & repaired.

New tail shaft with brass liners. & a new brass bush in outer end of stern tube.

General Observations, Opinion, and Recommendation:— On visiting this ship at Boston in accordance with Secretary's letters (P) 15 March & 13 April. for the purpose of inspecting the tail shaft. I found the going extensive repairs in progress. The Boiler was on shore & full of water for testing by hydraulic pressure. The temporary stays were so badly fitted that no higher pressure could be reached, but judging from the pieces of plate cut out I deem the boiler good for the working pressure. I have informed the owner it will be necessary for one of the Secretary's Surveyors to inspect the ship after the machinery is all re-connected & completed, & recommend a firm to inform London office when this can be done. I beg to submit the case for favourable consideration.

Entry or Registering Fee... £ " : " : " and completed, & recommended a firm to inform London office when this can be done
 Survey Fee (per Section 28)... £ 2 : 2 : 0 received by me, *John B. Stevens*
 Certificate (if required) to be sent as per margin. *25/6/81*
 (Travelling Expenses, if any, £ 1. 10. 0)

Committee's Minute

Tuesday, July, 12th 1881.

Assigned

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



© 2018

Lloyd's Register Foundation

See to Hull 20/5/81

It is submitted that Mr. Stevens be informed
that he should have arranged to
thrust the paper when completed
himself and completed his
duty instead of requesting
the others to communicate
with the London Office a
course which must
necessarily occasion
loss of time. He
should be requested to
state whether he
has sent the
London Office
whether he
can now
complete his
duty
J.M.
27/5/70

W. A. B. [Signature]
27/5/70