

*17061

Report of Survey for Repairs of Engines and Boilers.

No. 29.

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

Date, first Survey *Augst 22^d* - Last Survey *Sept 14th* 1876.

121 on the *Steam ship "Usworth"*

331 Tons

Owners *J. Johnsson*

Port belonging to *London*

Classed

Years assigned.

Character in Register Book.

AI

Diameter of Cylinder *36. 2 off*

Length of Stroke *30.*

Pressure of Steam *40 lbs*

Nominal Horse Power *80*

Engines made at *Sunderland*

When made *1869.*

By whom made *The North Eastern Marine Engineering Co.*

Particulars of Repairs and Examination. *New Main Boiler and Mountings fitted. The Crank shaft lifted and the brasses of its bearings adjusted. The propeller shaft drawn and new lignum vitae fitted in the stem bush. The tubes of the surface Condensers were all taken out and the Condensers & tubes cleaned. All the pumps were overhauled and repaired as required. The Cylinders, pistons, and slide valves overhauled, and the expansion valves fitted. The Sea Cocks & Valves were all examined when ship was on the slipway. New bilge suction box with valves attached, fixed above the engine room flooring, and arranged so that sea water could not be run in by mistake. New Donkey Boiler fitted.*

I was present on Sept 13th when steam was raised and the spring safety valves adjusted to work at 40 lbs. and again on Sept 14th when the engines were connected and worked satisfactory.

In my opinion the Engines and Boilers of this vessel are in good order and safe working condition.

The Amount of Fee ... £ 4 : 0 :

Certificate (if required) ... £ 0 : 5 :

received by me,

Sept 29 1876

H. A.

William Allison

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

(Travelling Expenses, if any, £)

Committee's Minute

18



Lloyd's Register
Foundation

(The Surveyors are requested not to write on or below the space for Committee's Minute).