

# Report of Survey for Repairs of Engines and Boilers.

No. *24723*  
 No. in Reg. Book. *635* on the *Shoreham* Survey held at *London* Date, first Survey *4 August* Last Survey *25 Sept* 18 *79*  
 Master *June*  
 Built at *Port Glasgow* When built *1872*  
 Tons *293* Owners *S. Clarke & Co* Port belonging to *London* Classified *90AS*  
*491* 11.78

Diameter of Cylinder *24 1/4* Engines made at *Glasgow* When made *1872*  
 Length of Stroke *30*  
 Pressure of Steam *60 lbs.* By whom made *Walter Henderson & Co*  
 Registered Horse Power *80*

Particulars of Repairs and Examination consequent upon the vessel being fitted with a new boiler.

A new Boiler has been made by the Thames Iron Works for this vessel, in accordance with the rule it is strong enough to work at a pressure of 65 lbs., but some parts of the Engine being light it was decided not to work at a greater pressure than 60 lbs., the Boiler was tested to 140 lbs. by hydraulic pressure in the presence of one of the Society's Surveyors and was fitted with blow-off cocks, Adams Spring Safety valves, &c. and all other fittings required by the rule, the Engine has been opened out overhauled and repaired all cocks, valves &c have been raised above the level of the stroke-hole plate and platforms, steam was raised safety valves set and the Engine tried all working satisfactorily.

The Machinery of this vessel is now in good and safe working condition, it is submitted for the Committee's consideration that the vessel is eligible to remain as classed and have the notification Lloyd M.C. and a Machinery Certificate from 25<sup>th</sup> September 1879 also the note in the Register Book. N.B. 9.79 (New Boiler 9.79)

The Amount of Fee ... *13/10/4* *£4 0 0* received by me,  
 Certificate (if required) ... *£2 6 15* 1879  
 Travelling Expenses, if any, £

Committee's Minute

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