

Report of Survey for Repairs of Engines and Boilers.

No. 268

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

Date, first Survey *3rd Feb* Last Survey *5th Feb* 18 *80*.

493 on the Machinery of the *S.S. Mammora*

(Number of Visits *two*)

Tonnage, Gross *955*

Built at *Hartlepool*

When built *1868*

Ditto, Net *606*

Owners *Denton & Worskind* Port belonging to *Hartlepool*

Diameter of Cylinder *25½ x 55½*

Engines made by *Blair & Co. Limited* When made *1874*

Length of Stroke *33"*

Boilers made by *Do* When made *1874*

Pressure of Steam *70 lbs.*

If Surveyed Afloat or in Dry Dock *Afloat*

Classed *A 1*

Registered Horse Power *99*

Last Survey No. *23929* Port *Iron*

Particulars of Repairs and Examination In consequence of damage said to have been sustained by one of the core plugs coming out of the low pressure cylinder cover while the vessel was entering the Tyne Dock South Shields 6th November 1879, the machinery has been examined for damage and repairs.

Examined the low pressure piston and found it scored over $\frac{15}{16}$ of an inch and the piston rod bent at the top end, and the packing ring worn obliquely to its rubbing surface. Examined the piston rod while hot and found it quite sound, a new packing ring has been fitted the piston rod straightened and refitted in piston.

General Observations, Opinion, and Recommendation:— The above repairs have been made good and efficient and in my opinion this vessel is eligible to retain her class as at present notified in the Society's Register Book

Entry or Registering Fee ... £ 1 : — : —

Survey Fee *Damage* ... £ 1 : 1 : —

Certificate (if required) ... £ — : — : —

(Travelling Expenses, if any, £ — : — : —)

received by me, *W.G.S.*
20th March 18 *80*

David Furves.

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

North Shields.

Committee's Minute

, 18

Assigned

IRON495-0531



Lloyd's Register Foundation

The Machinery of this vessel has been
examined & repaired to damage sustained
submitted that she is eligible to
remain as classed -

M 22.3.80

Boilers for Repairs of Engines and Boilers



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