

# Report of Survey for Repairs of Engines and Boilers.

No. *452* Survey held at *Sunderland* Date, first Survey *Decr 29<sup>th</sup>* Last Survey *Decr 29<sup>th</sup>* 18 *79*  
 Reg. Book. *507* on the *Frankland* Master *H. Warren*  
 Built at *Sunderland* When built *1869*  
 Tons *541* Owners *H. J. Morton & Co.* Port belonging to *Sunderland* Classified *90 A1*

Diameter of Cylinder *5 26 x 48* Engines made at *Sunderland* When made *1876*  
 Length of Stroke *30*  
 Pressure of Steam *70 lbs* By whom made *Mr. John Dickinson*  
 Registered Horse Power *90*

Particulars of Repairs and Examination *In accordance with the instructions contained in the Secretary's letter of 3<sup>d</sup> Nov. 1876. relative to the periodical surveys of Messrs Dickinson & Mace's patent boilers, which were fitted into this vessel, Oct. 1876.*

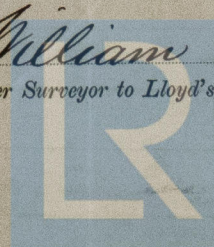
*The Boilers of this vessel were all opened out, examined them and found all in good Condition, except one main stay nut being cracked, and another nut partially burnt off a stay through the tube plate of the port boiler, which were being renewed. The shell plates and stays above the water level, are commenced to corrode slightly, the other portions of the boilers are all covered internally by a thin white scale, caused by the use of zinc plates.*

*The brick work was all in good Condition.*

The Amount of Fee ... £ ... received by me, }  
 Certificate (if required) ... £ ... 187 }  
 (Travelling Expenses, if any, £ ...)

Committee's Minute *W W W W* 18

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



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This vessel. Boilers were panned, and the  
vessel classed in the condition that  
the Boilers were panned, inspected  
and favourably reported upon,  
on the 29<sup>th</sup> of Decr. they were  
pumped and are reported  
to be in good condition  
Submitted that she  
is eligible to remain  
as classed.

MP  
1.1.80



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