

# Report of Survey for Repairs of Engines and Boilers.

No. *49* in Book. Survey held at *Sunderland* Date, first Survey *March 28<sup>th</sup>* Last Survey *April 11<sup>th</sup>* 1877  
on the *Steam Ship "Medusa"* 1110 Tons  
Owners *James Loring* Port belonging to *Sunderland* Classified *90A1*  
Diameter of Cylinder *25 & 48 in each* Engines made at *Sunderland* When made *1876*  
Length of Stroke *33* By whom made *J. Dickinson*  
Pressure of Steam *70 lbs*  
Nominal Horse Power *98*

Particulars of Repairs and Examination *Examined the machinery to ascertain if it had sustained any damage, from the vessel grounding, and the breaking away of part of the stern framing.*  
*An examination found the propeller, propeller shaft, stern tube, and two lengths of the tunnel shafting, all disconnected, and removed, in order to get the new stern framing fitted. Examined these parts and found them all in good condition.*  
*Examined the main boiler and found it all in very good condition, except a seam on the bottom which had been leaking a little, it was being caulked. Examined the safety valves and found the springs and other parts in good condition.*  
*A New Donkey Boiler fitted, examined the safety valves of it and adjusted the weights of them to 47 lbs working pressure.*  
*In my opinion the Engines & Boilers of this vessel are in good order and safe working condition.*

The Amount of Fee *£ 1 : 1 :* received by me, *AW*  
Certificate (if required) *£ :* *2<sup>nd</sup> May 1877*  
Travelling Expenses, if any, £ *—*

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

