

# Report of Survey for Repairs of Engines and Boilers.

No. 2  
No. in Reg. Book. 289 Survey held at Sunderland Date, first Survey May 18<sup>th</sup> Last Survey July 1<sup>st</sup> 1875  
on the Steam ship, "Dione" 537 Tons  
Owners J. Johnasson Port belonging to London Classified A 1  
Years assigned. 1 Character in Register Book. A 1

Diameter of Cylinders 38 inches Engines made at Sunderland When made 1868  
Length of Stroke 30 " Pressure of Steam 30 lbs per sq inch  
Nominal Horse Power 90 By whom made The North Eastern Marine Engineering Co.,

Particulars of Repairs and Examination Examined the general arrangements of Machinery, described how sea water might unintentionally be let into ship, by opening Bilge injection valve, whilst sea injection was open, or by opening Cock on Bilge suction of Hand pump, or opening Bilge suction valve of Water Ballast Donkey, whilst sea Cocks attached to them were open.

At request of Owners agents, went to the North Eastern Marine Engineering works, and explained the necessary alterations required to be done to prevent sea water being let in by mistake. viz. By disconnecting the valves from spindles of Bilge Injection & Water Ballast Donkey Bilge suction in order to make them non return valves. The Hand pump Bilge suction Cock removed and a non return valve fitted in its place.

I have examined the above alterations which have been executed, leaving no means of admitting sea water unintentionally. In my Opinion the Machinery of this ship is now in an efficient and safe working Condition.

The Amount of Fee ... £ 5 : 5 : - received by me, W. Allison  
Certificate (if required) ... £ - : 5 : - 6th July 1875

Travelling Expenses, if any, £

Committee's Minute 9th July 1875  
Lloyd's M.C.  
D.W.

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



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