

# Report of Survey for Repairs of Engines and Boilers.

No. 52

No. in  
Reg. Book.

Survey held at

Sunderland

Date, first Survey

Sept 7<sup>th</sup> /76

Last Survey

May 22<sup>d</sup> 1877

299 on the

Steam Ship "Dione"

537 Tons

Owners

J. Johnsson

Port belonging to

Cardiff

Classed

Years  
assigned.

Character in Register Book.

✠ A I.

Diameter of Cylinder

38" (2 off)

Length of Stroke

30"

Engines made at

Sunderland

When made

1868

Pressure of Steam

30 lbs

Nominal Horse Power

90

By whom made

The North Eastern Marine Engineering Co.

## Particulars of Repairs and Examination

The After half of the Crank shaft renewed; the old one having broken through the after web of the Crank. New Crosshead fitted of larger dimensions; the old one having shown symptoms of weakness. New Donkey boiler fitted; none previously in the ship; it is of the horizontal Multitubular Construction, fixed on the ship's deck, with one safety valve 2 $\frac{1}{4}$ " diameter of the lever and weight description, loaded to a pressure of 60 lbs per sq<sup>r</sup> inch, and reported to have been tested by hydraulic pressure to 120 lbs per sq<sup>r</sup> inch. The fire grate of it is 8 sq<sup>r</sup> feet.

In my opinion the Engines and boilers of this vessel are in good order and safe working condition.

The Amount of Fee

£ 1 : 1 : 0

received by me,

Certificate (if required)

£ 0 : 0 : 0

1<sup>st</sup> June 1877

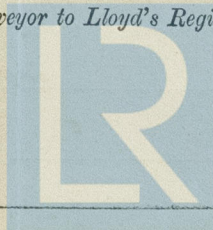
(Travelling Expenses, if any, £ )

Committee's Minute

18

William Allison.

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



Lloyd's Register  
Foundation

IRON 472-0079

(The Surveyors are requested not to write on or below the space for Committee's Minute.)