

Report of Survey for Repairs of Engines and Boilers.

20457

(Rec 114/78)

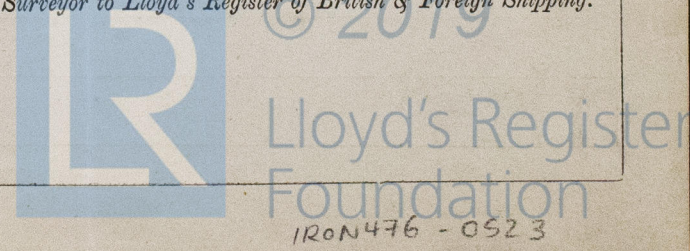
No. 67
 No. in Reg. Book. 303 Survey held at Sunderland Date, first Survey Feb 27th Last Survey March 2^d 1878
 on the Steam ship "Dione" 537 Tons
 Owners J. Johansson Port belonging to Cardiff Years assigned. 14 Character in Register Book. A 1

Diameter of Cylinder 38ⁱⁿ 2 off
 Length of Stroke 30 Engines made at Sunderland When made 1868
 Pressure of Steam 30 lbs By whom made North Eastern Marine Engineering Co.
 Nominal Horse Power 90

Particulars of Repairs and Examination This vessel was put on Messrs Limes & Co's
Shipway, the propeller examined, all the sea cocks and valves taken
out, the bolts of the main injection valve corroded, and the plate round
the outlet of blow off, eaten away into the bolts, which were renewed.
The Crank shaft lifted out of its place, examined, and all the bottom
brasses of it put in a true line. The Air and Circulating pumps
examined and new buckets fitted in two of them, and all the
indiarubber valves renewed. Examined the Main Boiler and
found the crowns of the wing Combustion Chambers down 1 3/4 inches
and the Centre one 1/2 inch; T bars were riveted on and stayed
to the roof of the boiler to prevent them from going any farther; A
few patches were put on the plates of the Combustion Chamber where
they were cracked from the rivet holes outwards. The safety valves
of the Main Boiler taken out, took particulars of the weights and
found them loaded to 30 lbs working pressure, and otherwise
Correct. Examined the Donkey boiler and found it in good
Condition, and the safety valve of it in good working order.
In my opinion the Engines & Boilers of this vessel are
in good order and safe working condition

The Amount of Fee ... £ 3 : 3 : received by me, W. Allison
 Certificate (if required) ... £ 28th March 1878
 (Travelling Expenses, if any, £)
 Committee's Minute 18

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



The Surveyors are requested not to write on or below the

Machine has been examined and repaired. Submitted
that she is eligible to demand as above.

W. W. W. 2.4.78



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