

Report of Survey for Repairs of Engines and Boilers.

No. 140 (Received at London Office, RECEIVED 13th MAR. 83.)
 No. in Survey held at Antwerp Date, first Survey 6th March Last Survey 11th March 1882
 on the Machinery of the Iron S.S. Vaderland (Number of Visits four)
 Tonnage, Gross 2748 Built at Newcastle When built 1872 8 mo.
 Ditto, Net 2001 Owners Société Anonyme de N^o Vapeur Américain Port belonging to Antwerp
 Diameter of Cylinder 40" x 80" Engines made by Palmer & Co. Newcastle When made 1872
 Length of Stroke 42 inches Boilers made by J^o When made 1872
 Pressure of Steam 75 lb ☒ Surveyed Afloat ☒ in Dry Dock City Dock (State name of Dock.)
 Registered Horse Power 290 Classed + Years assigned 100 A1
 Last Survey No. Port

Particulars of Repairs and Examination

(State cause of Repairs.)

this vessel was placed in dry Dock on account of damaged propeller.

Found one propeller blade broken clean off at flange as also two stay bolts of said blade broken; a second propeller blade end broken about 12 inches long. Found Condenser tubes leaky and forward Crank Shaft pin cracked longitudinally about 10 inches in length from the after web and 9 inches diagonally extending near the fillet of forward web: said damaged crank pin was secured by a Centre bolt 6 inches diameter which did give no sign of working.

Repairs done: Replaced the broken propeller blade and studs by new; drawn out and cleaned all condenser tubes and replaced; removed the damaged crank shaft and fitted in its place a new one which was found free of defect and a good fit.

Examined moreover Engines and Boilers as far as practicable and found in efficient state.

General Observations, Opinion, and Recommendation:— I am of opinion that the Engines & Boilers of this vessel are in good and safe working Condition worthy to be Continued as Classed.

For Registering Fee... £ : :
 (per Section 27.)
 Copy Fee (per Section 28) ... £ 2 : 2 : 0 received by me,
 Certificate (if required) ... £ : : 11 March 1882
 to be sent as per margin.
 King Expenses, if any, £)

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

Committee's Minute

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Assigned



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It is submitted that this
matter is eligible to
remain as closed

13/3/82