

Report of Survey for Repairs of Engines and Boilers.

No. 206.

No. in Reg. Book. Survey held at *Hamburg* Date, first Survey *9 July* Last Survey *11 July* 18 *77*

290. on the *Iron Screw Steamship "Nordstjernen"* Master *Brescher*

Tons *795* Owners *S.S. Co. "Norden"* Port belonging to *Copenhagen* Classified *90 A* Years assigned. *3.77.* Character in Register Book. *3.77.*

Diameter of Cylinder *29" 54"* Engines made at *Sunderland* When made *1873*
Length of Stroke *3'-0"* By whom made *John Dickinson*
Pressure of Steam *58 lbs*
Registered Horse Power *120*

Particulars of Repairs and Examination.

The Engines of this vessel received merely an usual overhaul, all working parts like pistons, slide valves, valve gearing as well as the crank and shaft journals being found to be in good condition; they have been adjusted where found necessary. The air- and circulating, feed and bilge pumps have been cleaned and received some new rubber valves.

The sea cocks and valves have been adjusted and repacked while the ship was in drydock. At the same time the propeller shaft and stem tube have been inspected and found to be in good working order.

The main Boilers have been cleaned from scale and a few new rivets had to be put in in the bottom of the Port-Boiler. Both Boilers are however in a very good condition yet. The same is to be said about the donkey boiler.

In conclusion I beg to state that I consider the Engines & Boilers of this ship to be in a good and safe working condition.

The Amount of Fee ... £ *6-0-0* received by me, Certificate (if required) ... £ : : 187

(Travelling Expenses, if any, £)

Committee's Minute

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

17 July 1877
John Dickinson



Lloyd's Register Foundation

IRON 472-0537

(Condition of Engines and Boilers, and subsequent Repairs and Examinations, to be clearly stated.)

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