

Report of Survey for Repairs of Engines and Boilers.

*22936

No. 143

Survey held at South Shields

Date, first Survey 18th and Last Survey 25th February 1877

on the Iron S.S. "Jenny Otto"

Master Purvis

at Newcastle

When built 1877-10mo.

942
1451
1377

Owners G. Otto

Port belonging to North Shields

Classed

Years assigned.

Character in Register Book.

100 A1

7.78

YEAR.

Diameter of Cylinder 32" x 34"

Length of Stroke 36"

Pressure of Steam 70lbs

Registered Horse Power 160

Engines made at Newcastle

When made 1877

By whom made John Shaw & Co

Particulars of Repairs and Examination This vessel being in the Middle Dock, South Shields for examination of Damage. See damage report 26th February. was found as under.
Main Steam pipe broken at flange next to Engines.
Suction & delivery valves of circulating pumps broken in two and the grooves for fastening the same in pump chamber much wasted away.
Ballast pump crossheads broken, to be renewed.
High & Low pressure valve spindles damaged on the bores renewed in New York (See Log book).
One blade broken off the propeller close to the boss. New propeller to be fitted. Engines & Sea cocks in a satisfactory condition.
The above having now been repaired and renewed, the machinery of this vessel is now in good order and safe working condition, and eligible in my opinion to retain her class in the Society's Register book.

The Amount of Fee ... £ 2 : 2 : received by me.

Certificate (if required) ... £ - : - : - 14 March 1879

(Travelling Expenses, if any, £)

Committee's Minute

18

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

John Brockat

North Shields

His certificate that this
vessel is eligible to remain
as classed

Am 17/3/79



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Foundation