

Report of Survey for Repairs of Engines and Boilers.

No. 111 Date, first Survey 1st Sept Last Survey 10th Oct 1879
 No. in Reg. Book 251 Survey held at Hull Master Robt Hewith
 on the iron screw steamer "Eider"
 Built at London When built 1856
 Tons 186 Owners J. Dennis Port belonging to London Classified ... Years assigned ... Character in Register Book ...

Diameter of Cylinder 24" Engines made at Hartlepool When made 1856
 Length of Stroke 20" By whom made Richardson & Son
 Pressure of Steam 25 lbs per sq. inch
 Registered Horse Power 40

Particulars of Repairs and Examination of Machinery & Boiler on changing the Boiler & general repairs of Engines and for re-classification

A second hand Boiler, thoroughly repaired with new tubes tops & bottoms to combustion chambers side strips to furnaces new long stays guides & several screw stays new vertical stays to steam dome & heavy angle iron stiffener to the shell under the dome. - placed in the ship & tested by hydraulic pressure to 62 lbs per square inch in my presence.

Two new spring loaded safety valves fitted with casing & turning gear fixed to main boiler & tested in the usual manner for accumulation with satisfactory results.

New main blow off cock fixed to shell of ship above the stokehold plates, fitted with a guard to prevent handle being gunshipped when the cock is open.

Liners fitted in both cylinders - new metallic rings to pistons - all pumps overhauled & put in good working order. non-return valve fitted to donkey bilge suction new copper main steam pipe, blow off pipe & put new fuel pipe. new propeller new liner on shaft. new white metal bush in pipe.

A second hand donkey Boiler with new vertical stays fixed in ship and tested by hydraulic pressure to 70 lbs per sq. inch in my presence.

Is eligible, in my opinion, for the notification "B & M. S." in the register book but not for the Lloyd's M. C. for the reasons that

there are no connections from the steam pumps to the holds.

there are no valves to the discharge pipes at the ship's side &

new of safety valves of donkey boiler less than required by rules.

The Amount of Fee ... £ 3 : 3 : - received by me, W. S.
 Certificate (if required) ... £ - : - : - 10th Oct 1879

(Travelling Expenses, if any, £ - - -)

Committee's Minute

18

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



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IRON 488-0154

N B 73.

This vessel has been fitted with a second-hand Boiler made in 1873. all cocks under-see have been fitted in accordance with the rules and the surveyors have been repaired under the inspection of the Local Surveyor. Submitted that she is eligible to remain as closed and have Lloyd's M.C. from 10: Oct 1879

DM

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