

Report of Survey for Repairs of Engines and Boilers.

ss. 701.

* 24383

(rec'd 30. 8. 79.)

No. in Book. Survey held at London Date, first Survey Aug 15th Last Survey Aug 29th 18 79

on the S.S. "Europa"

Master

At Newcastle

When built 1862

424
676

Owners Smith & Co

Port belonging to London

Classed

Years assigned.

Character in Register Book.

Lloyds M.C. 6. 79.

YEAR.

Diameter of Cylinder 25 1/4

Comp

Length of Stroke 30

Engines made at

Newcastle

When made 1840

Pressure of Steam 45 lbs.

By whom made

Palmer's Co.

NB 1847

Registered Horse Power 1150

Particulars of Repairs and Examination

Vessel placed on pontoon and propeller and all sea connections examined, new piston piece and plate outside fitted to one blow off cock. Crank shaft & thrust bearing examined and found good. Cylinder examined, Low pressure piston overhauled and new springs fitted, new High pressure piston fitted, new junk ring fitted to do but the old packing ring used with a new tongue piece, new end welded on piston rod, new shoe to piston rod guide, Slides examined and found good. Air & circulating pumps and also feed and bilge pumps overhauled. Main boilers examined the whole of the tubes have been drawn back about 1/2 an inch and headed over at back ends, the bottom boilers have been caulked where leaky in all other parts they were in good condition. Donkey boiler examined and found in good order, an extra door has been cut opposite one of the water tubes to enable the tube to be cleaned.

Spring Safety valves overhauled, Engines and Boilers tried under steam and safety valves set to the working pressure.

The machinery and boiler of this vessel are now in good order and safe working condition and in my opinion render the vessel eligible to have a new machinery certificate granted and * Lloyds M.C. 8. 79 recorded.

The Amount of Fee ... £ 3 : 3 : 0 received by me,

Certificate (if required) ... £ : : 11 Sept 1879

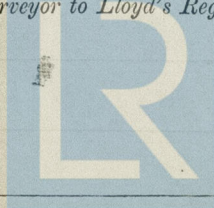
(Travelling Expenses, if any, £)

Committee's Minute

5th September, 1879.

James I. Multon

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



Lloyd's Register Foundation

IRON 487-0177