

19452

# Report of Survey for Repairs of Engines and Boilers.

No. 25799

No. in Reg. Book. Survey held at

Liverpool

Date, first Survey 22<sup>nd</sup> Sept<sup>r</sup>

Last Survey 6<sup>th</sup> October 1877

6 on the

"S.S. F. T. Barry"

Tons

545

Owners Sixon & Harris

Port belonging to

London

Classed

Years assigned

Character in Register Book.

100A1.

Diameter of Cylinder 1 of 27" 1 of 50"

Length of Stroke 33"

Engines made at

Birkenhead

When made

YEAR.

1872

Pressure of Steam 59

Nominal Horse Power 99

By whom made

J. Brassey & Co.

## Particulars of Repairs and Examination

Part of the following repairs were necessitated through the shafting being thrown out of line by the vessel going ashore loaded.

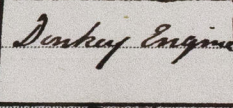
The crank shaft, intermediate and propeller shafting removed and relined. Crank shaft bearings turned up. New after bearing brasses fitted. Thrust shaft has had new end welded on in consequence of a crack having been found at the bottom of after collar.



Thrust block seat strengthened by a bracket plate riveted to centre keelson, a new neck bush fitted in stem tube. Outer bush repacked with lignum vitae.

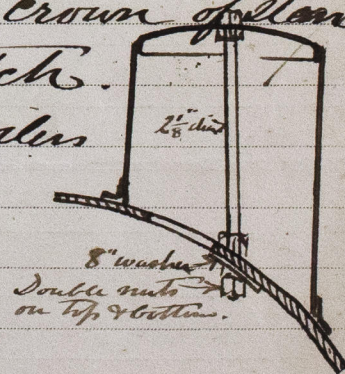
Pistons, Valves and pumps overhauled and found good. A non return valve has been fitted to donkey suction from engine room bilge.

Suction to sea



Non return valve.

The main and donkey boilers have been thoroughly cleaned & scaled. Two small patches fitted on top of two combustion chambers. Two longitudinal stays which had been removed replaced. One vertical stay rod fitted in each steam chest connecting crown of steam chest to boiler shell plating as per sketch. Safety valves overhauled. Engines and Boilers tested under steam.



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

Certificate (if required) ... £ : : 187

Travelling Expenses, if any, £

Committee's Minute

Liverpool Oct<sup>r</sup> 23<sup>rd</sup> 1877

100A1 Lloyd's M.C. in Reg Oct<sup>r</sup> 1877.

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



Lloyd's Register Foundation.

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