

# Report of Survey for Repairs of Engines and Boilers.

No. 18

No. in Reg. Book.

518 on the

Hayle  
S.S. "Trocadero"  
Paisley

Date, first Survey

\* 25606  
3 January 1880  
Last Survey 28 January 1880

Master Thos Forest.

Built at

When built

Tons

Owners

Port belonging to

Classed

Years assigned.

Character in Register Book.

100 A1. 11. 79.  
Lloyd's MC. 8. 70

Diameter of Cylinders

20" & 33"

Length of Stroke

24"

Engines made at

Glasgow

When made

1878.

Pressure of Steam

70 lbs

By whom made

Hutton & Corbett.

Registered Horse Power

60.

Particulars of Repairs and Examination S.S. After damage occasioned by the Ship taking the ground in St Ives Bay.

On examination found the boiler lifted, the waste steam pipe broken off at the bottom close to the safety valve box, the funnel casing on deck broken away, the coal box on the Starboard side buckled and out of place, three blades were broken from the propeller, and the stern bush was worn down 3/8". Examined pistons, slide valves, and link motion.

Examined crank shaft, intermediate and tail shafts and found them to be sound and in good condition. The lignum vitae in the fore end of the stern tube was worn down. The boiler, with its fittings were in good condition. The slide rods were worn slightly small in the glands.

The boiler has been refixed in its place, a new end has been braced on the waste steam pipe; the funnel casing and coal bunker have been repaired. The propeller has been taken off, and three new blades fitted. The tail shaft has been drawn, and the stern tube and stern bush relined up with lignum vitae. The slide rods have been trued up in the lathe and the glands rebushed and new neck rings fitted in the stuffing boxes.

The bilge suction has been shifted from the forward side of the engines to the after part, in order to pump the bilge drier, and to be more easily accessible.

The boiler and machinery are now, in my opinion in good repair and in a safe working condition, and fit to remain from this date as classed in the Register Book.

The Amount of Fee ... £ 3 : 3 : 0 received by me,  
Certificate (if required) ... £ : : 28 Jan 1880  
(Travelling Expenses, if any, £ 2. 2. 0.)

Committee's Minute

18

Moreton

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



Lloyd's Register  
Foundation

IRON 490 - 0160



The Machinery of this vessel has been  
examined and repaired in consequence of  
damage sustained through the vessel  
being ashore. The damage was so  
extensive as to necessitate a  
thorough survey and the Surveyor  
now reports the Machinery  
to be in safe working  
condition submitted that

she is eligible to *M*  
have Lloyd's M.C.  
2884-1880- 3-2-80



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