

Report of Survey for Repairs of Engines and Boilers.

24326  
37  
Survey held at Antwerp Date, first Survey 11<sup>th</sup> August Last Survey 17<sup>th</sup> August 1879  
on the Iron S.S. "Rio Tejo" Master A. Caraves  
at Newcastle When built 1865  
Owners Companhia Thetis Port belonging to Oporto Classified AI  
Last Survey 19647 Iron No. 1177  
meter of Cylinders 24 and 42 inches Engines made at London When made 1872  
Length of Stroke 30 inches By whom made J. Stewart  
Pressure of Steam 55 lbs  
Registered Horse Power 80

Particulars of Repairs and Examination

At the request of the Master, I repaired on board of the above named Steamer for the purpose of ascertaining the state of the Crank Shaft.

On examination found the Crank Shaft somewhat sprung and teedy and in the middle of its length between the two Cranks, a few longitudinal and almost imperceptible cracks indicating a bad forging; although the aforementioned defects are not of any danger as to the safe working of the Engines, just now, recommended the same to be replaced by a new one at the first convenient opportunity.

Examined moreover Cylinders, slide valves, pumps, boilers and their appendages.

Found the high pressure slide valve wanting to be refaced and one stay to be tightened up in the back of Starboard furnace of port boiler.

Repairs done: Usual overhauling effected; high pressure slide valve fitted up and the defective stay in port boiler made good.

I am of opinion that the Engines and Boilers, are now to the best of my knowledge, in good and safe working condition.

Amount of Fee ... £ 2 : 2 : 0 received by me,

Certificate (if required) ... £ : : 13<sup>th</sup> August 1879

Selling Expenses, if any, £

Committee's Minute

Re Passed 25/8/79

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

IRON 187-0029