

# Report of Survey for Repairs of Engines and Boilers.

(40153)

No. \_\_\_\_\_ (Received at London Office, 10. 3. 81.)

No. in Reg. Book. Survey held at London Date, first Survey Feb. 25<sup>th</sup> Last Survey March 2<sup>nd</sup> 1881

2185 on the Machinery of the S. S. "Trevelthick" (Number of Visits 4)

Tonnage, Gross 779 Built at Newcastle When built 1866

Ditto, Net 489 Owners J. Fenwick & Son Port belonging to Newcastle

Diameter of Cylinder 26" & 51" Engines made by Wm. D. & Co. Eng. Wks. When made 1873

Length of Stroke 30" Boilers made by Ditto When made 1873

Pressure of Steam 75 lbs. If Surveyed Afloat or in Dry Dock Afloat on Pontoon Years assigned 1 Character in Register Book. A 1

Registered Horse Power 99 Classed Lloyds M.C. 2.76.

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Repairs and Examination According to the requirements for Special Survey No 2.

Examined cylinders Slides & Valve faces Pistons Air & Circulating pumps which were found to be in good condition. Crank shaft & thrust bearing examined & found in good condition. Feed and Bilge pumps & valves & non return valves on Boilers examined, all found in good condition.

Vessel placed on Pontoon sea connections examined & cocks & valves overhauled, all in good condition. Tail shaft found to be  $3\frac{1}{2}$ " down in Stern Bush. Four new blades have been fitted to original boss of propeller. — Boilers examined, the combustion chamber plating found to be in fairly good condition a few defective rivets have been renewed, & several parts of seams caulked. Test holes bored in ends of furnaces which were found to be fairly good with the exception of middle furnace in Port Boiler which was found to be barely  $\frac{1}{2}$ " thick. Seventeen new screwed stays have been fitted in all. Examined Superheater, the bottom found to be much pitted in parts, at corners of flanging of plates, Angle irons  $3\frac{1}{2} \times 3\frac{1}{2}$  have been fitted round & the bottom covered with cement, some stays found to be much corroded, nine of which have been renewed.

General Observations, Opinion, and Recommendation:— The Engines & Boilers being now in good & safe working condition renders the vessel eligible in my opinion to be marked in the Register Book with Lloyds M.C. 3. 81. provided that

P.T.O.

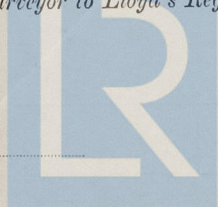
Entry or Registering Fee ... £ 1 : 0 : 0  
 Survey Fee ... £ 3 : 3 : 0 received by me, Geo. E. Thompson  
 Certificate (if required) ... £ : : 25/3/ 1881

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

Committee's Minute

Friday, March, 11<sup>th</sup>. 1881.

Assigned



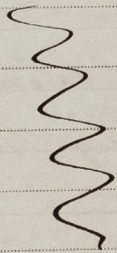
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LON 665-0235



40153. Jan.

Safety Valves examined & found in good condition, & properly loaded to the working pressure of 75 lbs per sq. in.



the boilers are again submitted for Survey within six months from this date on account of the condition of the furnace above mentioned.

It is submitted that this vessel is eligible to have the registration Lloyd's & M.C. 3.87 recorded in the Register Book subject to the Boilers being reexamined in six months.

AMV  
10/13/81



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