

# Report of Survey for Repairs of Engines and Boilers.

(40154)

No. \_\_\_\_\_ (Received at London Office, 10 3 81)  
 No. in Reg. Book. Survey held at London Date, first Survey Jan. 31<sup>st</sup> Last Survey Feb. 23<sup>rd</sup> 1881.

865 on the Machinery of the S. S. "Mazeppa" (Number of Visits 4)

Tonnage, Gross <u>1231</u>	Built at <u>Newcastle</u>	When built <u>1872</u>
Ditto, Net <u>922</u>	Owners <u>J. Fenwick &amp; Son</u>	Port belonging to <u>London</u>
Diameter of Cylinder <u>30" + 53"</u>	Engines made by <u>Palmers &amp; Co.</u>	When made <u>1872</u>
Length of Stroke <u>33"</u>	Boilers made by <u>Ditto</u>	When made <u>1872</u>
Pressure of Steam <u>75 lbs.</u>	If Surveyed Afloat or in Dry Dock <u>Afloat in Porton</u>	Classed <u>100A1</u>
Registered Horse Power <u>190</u>		
Last Survey No. _____	Port _____	

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

Examined cylinders, slide valves & valve faces which were found to be in good condition. Air and circulating pumps examined & found to be in good condition. Crank shaft & thrust bearing examined and found to be in good condition. Feed & Bilge pumps and valves in good condition.

Vessel placed on Porton sea connections examined found in good condition. Propeller & its connections found to be in good condition.

Boilers examined, the furnaces which are fitted with expansion rings, were found to be cracked in several places in the flange of the plate, the defective parts have been cut out, & riveted patches fitted. Several rivets have been renewed in combustion chamber backs, and one back renewed from bottom to first seam of rivets. One or two places in shell of boiler at bottom recalled.

Examined Safety Valves which were found in good condition & properly loaded to the working pressure of 75 lbs per sq. in.

General Observations, Opinion, and Recommendation:— The Engines & Boilers being now in good & safe working condition render the vessel eligible in my opinion to be marked in the Register Book with B & M. S. 2.81 provided that the boilers are again  
P.T.O.

Entry or Registering Fee ... £ 1 : 10 : 0  
 Survey Fee ... £ 3 : 3 : 0 received by me, J. Fenwick & Son  
 Certificate (if required) ... £ : : 25/3 1881  
 (Travelling Expenses, if any, £ \_\_\_\_\_)

Committee's Minute Friday, March, 11th, 1881  
 Assigned \_\_\_\_\_  
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.





40154 Jan

submitted for survey within 12 months from this date

No. Submitted that this vessel  
is eligible to have the certificate  
B.M.S. 281 recorded subject  
to the boiler being examined  
within 12 months as  
required by the Rules

MM  
10/3/81



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Foundation