

# Report of Survey for Repairs of Engines and Boilers.

No. *179* (Received at London Office, *27967*)  
 No. in Survey held at *Hull* Date, first Survey *1<sup>st</sup> Oct.* Last Survey *6<sup>th</sup> Oct.* 18 *80*  
 Reg. Book. *105* on the Machinery of the *iron screw steamer Baron Hambro* (Number of Visits *4*)  
 Tonnage, Gross *579* Built at *London* When built *1861*  
 Ditto, Net *367* Owners *M. Sulley & Co.* Port belonging to *Hull*  
 Diameter of Cylinder *20 1/2* *440* Engines made by *C & W. Earle Hull* When made *1869*  
 Length of Stroke *26* Boilers made by *Earle & B. E. Co.* When made *1877*  
 Pressure of Steam *75 lb.* If Surveyed Afloat or in Dry Dock *afloat* Years assigned *90 A. 1*  
 Registered Horse Power *60* S. S. No. *3-72* S. S. No. *1-76* 3. 80.  
 Last Survey No. *25844* Port *Iron* *Classm.c.*

## Particulars of Repairs and Examination of Machinery & Boilers for Special Survey No. 2.

Main Boiler examined. 22 new nuts & washers put on screw stays in back of Combustion chamber. + a patch riveted on lip of port furnace.  
 Safety valves taken to pieces & overhauled.  
 Cylinders, Pistons & Slides examined. High pressure piston new this year.  
 Low pressure piston junk ring patched. Bilge pump valves overhauled.  
 after crank pin defective. has been tried out + a 3/4 stub pin fitted thro' it from arm to arm. for present use until new shaft is ready.  
 New cast iron valve box fitted to donkey pump.

General Observations, Opinion, and Recommendation:— The repair now made to the crank shaft is, in my opinion, good (with care) for the present voyage. The vessel sails on 1<sup>st</sup> inst for Marseilles and it is intended to complete the survey on her return.

Entry or Registering Fee ... £ : :  
 Survey Fee ... £ : : received by me,  
 Certificate (if required) ... £ : : 18  
 (Travelling Expenses, if any, £ )

*John B. Stuns*  
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute Tuesday, October, 12<sup>th</sup> 1880.

Assigned

*Note this report*

*J.B.S.*

Lloyd's Register Foundation

IRON 495-0346



It is submitted that this vessel  
is eligible to remain a-  
classified subject to the  
machinery survey being  
completed on her  
return from her  
present voyage

JM  
17/10/80



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