

# Report of Survey for Repairs of Engines and Boilers.

No. \_\_\_\_\_ (Received at London Office, 24/11/87)  
No. in Reg. Book. Survey held at London Date, first Survey Nov 1<sup>st</sup> Last Survey Nov 10<sup>th</sup> 1881  
on the Machinery of the S. S. "Mary Nixon" (Number of Visits 5)  
Tonnage, Gross 758 Built at Newcastle When built 1865  
Ditto, Net 587 Owners J. Fenwick & Sons Port belonging to Newcastle  
Diameter of Cylinder 26" + 5" Engines made by T. Eug. Wks Co. When made 1872  
Length of Stroke 30" Boilers made by Ditto When made 1872  
Pressure of Steam 70 lbs. If Surveyed Afloat or in Dry Dock London (State name of Dock.)  
Registered Horse Power 99 Years assigned 1 Character in Register Book A 1  
Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

## Particulars of Repairs and Examination According to the requirements of Special Survey No 3 and damage.

(State cause of Repairs.)  
Vessel placed in dry dock, sea connections examined & found to be in good condition. Propeller disconnected a new solid brass bush fitted in stern tube, and a new tail shaft fitted to the old propeller. Examined cylinders Slides & Valve faces, a slight crack observed in Exhaust port of L. P. cylinder. Air pump found in good condition. A quantity of sand & mud was found in the annular chamber of circulating pump, this has been properly cleaned out. Crank & Intermediate shafts examined: found in good condition, the three lengths of shafting have been lined up. Feed & Bilge pumps & Valves found in good condition. Condenser tubes drawn & cleaned & a new cast iron tube plate fitted on the upper end. Boilers examined, a new crown plate fitted to in wing furnace of port boiler, all fore & aft stays renewed in Steam space and twenty seven screwed stays. Superheater found to be in fairly good condition. - Safety Valves examined found to be in good condition & loaded to 70 lbs per sq. in.

General Observations, Opinion, and Recommendation:— The machinery being now in good & safe working condition renders the vessel eligible in my opinion to be marked in the Register Book with B & M. S. 11.81 provided that the boilers are again submitted for survey within 12 months as per rule.

Entry or Registering Fee... £ 1 : - : -  
Survey Fee (per Section 28) ... £ 4 : 4 : - received by me, A.B.  
Certificate (if required) ... £ 11 : - : - 10/12/1881  
to be sent as per margin.  
(Travelling Expenses, if any, £ ✓)

Committee's Minute \_\_\_\_\_ Friday, December, 9th, 1884.  
Assigned \_\_\_\_\_  
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.



LON666-0220



It is submitted that this vessel is  
eligible to have the notification  
B4 has H. 81 records subject  
to the policy being resumed  
in 12 months as per rule

By 22/11/81



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Foundation