

# Report of Survey for Repairs of Engines and Boilers.

(Received at London Office, )

114  
Survey held at Newcastle Date, first Survey 1<sup>st</sup> Dec Last Survey 1<sup>st</sup> Dec 1880  
on the Machinery of the Screw Steamer "North Britain" (Number of Visits 1)  
Gross 1729 Built at Newcastle When built 1877  
Net 1118 Owners H. Roberts Port belonging to London  
Diameter of Cylinder 32" & 60" Engines made by Palmer's Co. When made 1877  
Length of Stroke 39" Boilers made by Palmer's Co. When made 1877  
Pressure of Steam 75 lbs. If Surveyed Afloat or in Dry Dock Dry Dock Years assigned 100 A 1  
Indicated Horse Power 175 Classed 100 A 1  
Survey No. 175 Port Lloyd's M.B. 1.78. 7.79

Particulars of Repairs and Examination of machinery in consequence of damage said to have been sustained by the vessel grounding immediately after passing the Sinder Light Ship on 13<sup>th</sup> November 1880; vessel was placed in Palmer's Dry Dock.

On examination found half a blade broken off the propeller; the holding down bolt broken in thrust block; the top brass in fore crosshead <sup>damaged by the after crosshead</sup> gudgeon slack. Two wrought iron plates have been riveted to broken blade of propeller and a new gudgeon fitted in crosshead; the broken thrust block bolt and damaged crosshead brass replaced by new ones.

General Observations, Opinion, and Recommendation:—The above damage being now satisfactorily completed the machinery of this vessel is in good order and safe working condition and eligible in my opinion to remain as classed in the Society's Register Book.

Entry or Registering Fee 1/6 £ — : — : —  
Survey Fee Damage £ 1 : 1 : — received by me, W.L.S.  
Certificate (if required) £ — : — : — 9<sup>th</sup> Dec 1880

Travelling Expenses, if any, £ —

Committee's Minute

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Assigned

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

David Furnes.

North Shields

Lloyd's Register  
Foundation

(Insert Character precisely as in the Register Book.)

Report recd. 10/12/80 Sent 15 Nov. 13/12/80

IRON 497-0424



It is submitted that  
this vessel is  
eligible to  
remain as  
classified

Jm.  
15/12/80



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Foundation