

Report of Survey for Repairs of Engines and Boilers.

(Received at London Office, 7. 7. 80)

No. in Survey held at *London* Date, first Survey *15 June* Last Survey *19 June* 18 *80*
 eg. Book. *408* on the Machinery of the *John Mc Intyre* (Number of Visits *3*)
 Tonnage, Gross *985* Built at *Newcastle* When built *1863*
 Ditto, Net *670* Owners *J. Fenwick & Son* Port belonging to *London*
 Diameter of Cylinder *26 1/2* *51"* Engines ~~made by~~ *compound Victoria & Co Engine Works* When made *1865*
 Length of Stroke *30"* Boilers made by *ditto* When made *1875*
 Pressure of Steam *75 lbs* If Surveyed Afloat or in Dry Dock
 Registered Horse Power *99* Classed *A 1*
 Last Survey No. *5. 79* Port *Stays MC 578*

Particulars of Repairs and Examination

Damage to machinery

According to log book this ship was ashore on Holms Land on Friday 11 June from 1³⁰ to 10¹⁵ p.m. about 9 hours.

Examined propeller & Sea cocks & connections & found them all right except that the outside strums of two Ballast valves were bent & broken, they have been renewed.

Circulating pump rod was cut with sand & had been tried up before ship entered the dock.

Examined crankshaft & found it all right with the exception of the forward pin which had a longitudinal slot about $\frac{1}{8}$ " x $\frac{1}{8}$ " x 3" - said to have been in when new. It does not affect the strength of the shaft.

Found that 3 column holding down bolts had broken off close to nuts - They have since been renewed.

Thoroughly examined bed plate but could find no other injury.

The tail shaft which was deeply corroded close to brass liner has been renewed.

Examined Boilers & found them in good order.

General Observations, Opinion, and Recommendation:— As far as seen the engines & Boilers appear to be in good working order & eligible in my opinion to remain as classed.

Entry or Registering Fee ... £ : :
 Survey Fee *Special Damage 2 : 2 : 5* received by me, *9 July 1880*
 Certificate (if required) ... £ : :
 (Travelling Expenses, if any, £)

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

Committee's Minute *Tuesday, July, 13th. 1880.*

Assigned



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LON664-0361

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

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8/7/8



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Boilers of Survey for Boilers of Engines and Boilers