

Report of Survey for Repairs of Engines and Boilers.

No. 148.

(Received at London Office, 15/4/80)

No. in Reg. Book.

Survey held at *Grimby*

Date, first Survey *12 Jan* '80 Last Survey *3rd March* 18 *80*

377. on the Machinery of the *iron screw steamer 'Albert'*

(Number of Visits *4*.)

Tonnage, Gross *557 1/2*

Built at *Hull*

When built *1856*

Ditto, Net *350*

Owners *M. S. & L. Railway Co.*

Port belonging to *Grimby*

Diameter of Cylinders *27' & 50"*

Engines *made* by *Humphreys & Pearson, Hull*

When *made* *1875*

Length of Stroke *30*

Boilers *made* by *Do*

When *made* *1875*

Pressure of Steam *60 lbs.*

If Surveyed Afloat or in Dry Dock *Afloat & in dry dock*

Classed

Years assigned *5.75* Character in Register Book *A 1*

Registered Horse Power *98*

Last Survey No.

Port

Particulars of Repairs and Examination of Machinery & Boilers in accordance with the requirements of the rules for special survey No. for iron ships

Cylinders opened up, slide valves drawn. Gunk rings lifted & all found in good condition.

Crank shaft stripped & turned round. Propeller shaft drawn. Stern tube examined. Surface condenser. Top door taken off. Circulating & air pumps opened. Bilge of pump valves. all examined & found good.

All sea connections examined in dry dock. new bolts to water service cock. all others good. (Brass rings outside to blow off & vacuum cocks).

Bilge injection valve examined. Donkey opened up - found good.

File hose stretched along and tested.

Propeller repaired & the whole closed up & put in working order.

Main Boiler retubed. new top stays to combustion chambers. also some new screw stays inside of do. Safety valves examined & the pressure reduced to 60 lbs. per sq. inch.

Donkey Boiler examined. Safety valve examined & pressure reduced to 40 lbs. per sq. inch.

Engines moved under steam. as requisite for shifting butts. in my presence.

General Observations, Opinion, and Recommendation:—The Boilers & machinery of this vessel are now, in my opinion, in good & efficient working order and eligible for the notification B & M. S. in the register book

Entry or Registering Fee ... £ 1 : 0 : 0

Survey Fee ... £ 2 : 2 : 0 received by me, *M. S.*

Certificate (if required) ... £ 2 : 6 14/4/ 1877

(Travelling Expenses, if any, £ 2 : 2 : 0)

Committee's Minute

18

Assigned

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

Lloyd's Register Foundation

IRON 491-0332

It is submitted that this
vessel is eligible to
have the notation
BTMS 3-88
recorded in the
Register Book

Am
18/4/88



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