

Report of Survey for Repairs of Engines and Boilers.

27/49

No. 150
 (Received at London Office, 13/7/80)
 Date, first Survey 9th April Last Survey 12th July 1880.
 Reg. Book. 827 on the Machinery of the *Cardiff* (Number of Visits 5)
 Tonnage, Gross 764 Built at *Hartlepool* When built 1871.
 Ditto, Net 491 Owners *F. V. Gooch* Port belonging to *London*
 Diameter of Cylinder 25 x 48 Engines made by *R. & W. Hawthorn* When made 1872
 Length of Stroke 30" Boilers made by *Hills* When made 1872
 Pressure of Steam 65# Surveyed Afloat or in Dry Dock *Hills drydock* Years assigned 90 Character in Register Book. A1
 Registered Horse Power 90 Classed 2.79
 Last Survey No. Port

Particulars of Repairs and Examination on account of Survey N^o 2.

Vessel placed on blocks in drydock.
 Sea connections examined and found in good condition.
 Propeller shaft drawn and found good. sternpost relined with a few strips of lignum vitae. Cylinder covers removed and Cylinder pistons & slides examined. New crankshaft fitted. Air and circulating pumps, bilge & feed pumps examined, and found good.

Main boiler and donkey boiler examined inside and outside: Bottom of Combustion Chambers of Main boiler found thin and doubled by 3/8 of an inch plates. Two gussets connecting back of boiler & bottom of shell renewed. Safety valves examined. Main stay somewhat corroded and bottom of shell previously repaired in a most injudicious manner.

General Observations, Opinion, and Recommendation:—The Machinery is now in good condition and safe working order and in my opinion eligible to remain as classed, subject to the Machinery being submitted again for survey in six months, when the Owner intends to fit a new boiler.

Entry or Registering Fee £ : :
 Survey Fee ... £ 4 : 4 : received by me, 7/7. 1880 }
 Certificate (if required) ... £ : :
 (Travelling Expenses, if any, £)

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

Committee's Minute 18
 Assigned

S. 'Waver'

It is submitted that this
vessel is eligible to remain
as classed, subject to the
machinery being again
surveyed in six
months

M
15/7/85



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