

Report of Survey for Repairs of Engines and Boilers.

No. 27214

No. in Reg. Book.

Survey held at

Liverpool

Date, first Survey

29th April

Last Survey

6th Oct. 1880

on the Machinery of the

Screw Steamer "Hauke" (Number of Visits Twenty)

Tonnage, Gross

2423

Built at

Newcastle

When built

1872

Ditto, Net

1830

Owners

C. R. Clover

Port belonging to

London

Diameter of Cylinder

38 $\frac{1}{2}$ x 70

Engines made by

Messrs. Mandel & Co

When made

1872

Length of Stroke

48"

Boilers made by

"

When made

1876

Pressure of Steam

70 lbs.

If Surveyed Afloat or in Dry Dock

Afloat and in dry dock

Classed

Years assigned.

Character in Register Book.

Registered Horse Power

300

Last Survey No.

Port

Particulars of Repairs and Examination

Vessel placed in dry dock for the

purpose of ascertaining the extent of damage. Screw shaft

and thrust shaft placed in the lathe, the collars of thrust

shaft turned true. Foundation of thrust block strengthened.

New lignum vitae fitted at both ends of stern tube.

Sea connections thoroughly overhauled. Cylinders relagged.

Pistons and piston rods, drawn, placed in the lathe and made

true, new neck bushes fitted in piston rod stuffing boxes and

glands. Slide valves overhauled. Condenser tubes

drawn, condenser cleaned and brass stays, fitted in the

same, in the place of iron ones. Air, circulating, feed and

bilge pumps overhauled. A new discharge valve fitted.

A new length of main steam piping, and a new length of

injection piping fitted. All the copper piping repaired where

necessary, and the bilge suction pipes renewed. A new

crank shaft fitted. Donkey engine repaired.

Main boilers examined and found in good condition. Donkey

boiler examined, lower half of furnace renewed.

Tested the main boilers with cold water to a pressure of 100 lbs.

per square inch, and the donkey boiler to a pressure of 60 lbs.

per square inch and found them satisfactory. Boilers

examined under steam and found to work well. Safety

valves of main boilers set to blow off at 70 lbs per square inch.

General Observations, Opinion, and Recommendation:—

The machinery and boilers, of this vessel, are now in good order and safe working condition and are eligible, in my opinion, to have the notification

Lloyd's M. C. 10. 80. recorded in the Register Book.

Entry or Registering Fee

£ 1 : 10 :

Survey Fee

£ 10 : 10 :

received by me,

J. F. L.

Certificate (if required)

£ 5 :

8/10 - 1880

(Travelling Expenses, if any, £

Committee's Minute

Liverpool Oct 8 - 1880

Assigned 100 A1. Record App. SS No 3/80. Cem 1/80

Lloyd's M. C. in Rec 10/80 - C.O.

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

J. Stoddart

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IRON495-0547

It is submitted that this
vessel is eligible to have
the notification
Lloyd's Reg. 10. 80 records
in the Register Book
and also d/p 80
mixed.

M
9/10/80

W. C. L. 10
J. W. C. L. 10



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