

Report of Survey for Repairs of Engines and Boilers.

No. 396.

No. in Reg. Book. Survey held at *Hartlepool W. A. Pool* Date, first Survey *Oct 2nd* Last Survey *Dec 9th 1880*

894 on the Machinery of the *S. Ann Webster*

(Number of Visits *12*)

Tonnage, Gross *771*

Built at *Hartlepool*

When built *1870*

Ditto, Net *682*

Owners *Commercial S. Navigation Co*

Port belonging to *Falton*

Diameter of Cylinder *25-1/4-8*

Engines made by *Richardson & Sons*

When made *1870*

Length of Stroke *36"*

Boilers made by

When made *1880 12 & 1880*

Pressure of Steam *75-lbs*

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

Classed *90 A1*

Registered Horse Power *96*

Last Survey No.

Port

Particulars of Repairs and Examination for Annual Survey and for New Boilers.

Cylinders Slide Valves and Condenser examined Condition of same Satisfactory New Studs and Nuts fitted to Piston as required New ends on I.P. piston rods Piston rods skinned up in Lath and new back passes fitted New Air Pump rod Crank Shaft and Pumps examined Condition of same Satisfactory Propeller Shaft drawn out of hole & examined and found free from defect New wood in Stern bush Fastenings of Sea Connection examined and found to be in order

New Main Boiler Fire Grate Surface *47 1/2* square feet Two Spring Safety Valves area of each *15.03* square inches Made by Richardson & Sons Boiler tested under Steam and Safety Valves found to be loaded to *75 lbs* per square inch Boiler tested to *150 lbs* per square inch Number of Certificate *442*

New Dunker Boiler Fire Grate Surface *12 1/2* square feet Two Safety Valves combined area *11.4* square inches Boiler tested under Steam and Safety Valves found to be loaded to *50 lbs* per square inch Mark on Dunker Boiler

499
Safety Test
100 lb
16/11/80

General Observations, Opinion, and Recommendation:— The Machinery and Boilers of this vessel are in good order and safe working Condition and in my opinion eligible for the Notification *B & M* in the Register-Book. Should the Notification

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

Survey Fee ... *£ 4 : 4 : 0* received by me, *DR*

Certificate (if required) ... *£ 2 : 6* *15/12/1880*

(Travelling Expenses, if any, £)

Committee's Minute

18

Assigned

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



Lloyd's Register
Foundation

(Condition of Engines and Boilers, and subsequent Repairs and Examinations, to be clearly stated.)

(The Surveyors are requested not to write on or in the space reserved for the Committee's Minute.)

IRON 447-0242

This vessel has had a new main boiler fitted, and the sea cocks &c should have been altered to conform to the requirements of Section 39 of the Rules, and the vessel would then have been eligible to have Lloyd's M.C. recorded. These alterations have not been made. It is submitted that the vessel is eligible to have the notification B & M.S. recorded in the Register Book, and that the Surveyors should be requested to explain why the Rules have not been complied with in this case. They should also be asked to report the machinery on the usual form, when new boilers are being fitted.

M. 17/12/80

28684 Jan
Hagth M.C. It should be decided if it will be necessary to remove the
seawater cocks from the flat of beam bottom to position
above the head of the engine room and attached platforms.

Surveyors' Minute

