

*16236

Report of Survey for Repairs of Engines and Boilers.

(Rev 22/5/76)

No. 20

No. in Reg. Book.

Survey held at

Middlesbrough

Date, first Survey

January 21st

Last Survey

May 1st 1876.

38

on the

Steam Ship "Damiatta."

689.64

Tons

682.25

Years assigned.

Character in Register Book.

Owners

Wm Gaylor

Port belonging to

Middlesbrough.

Classed

⊗ A I

Diameter of Cylinder

36" (2 off)

Length of Stroke

2' 0"

Engines made at

Hartlepool.

When made

1865.

Pressure of Steam

25 lbs per sq inch.

By whom made

J. Richardson & Sons.

Nominal Horse Power

90

Particulars of Repairs and Examination

The following enumerated parts of the Machinery were damaged by the vessel having grounded on the coast of Norway Dec^r 5th 1875. (viz) The Crank shaft flamed in the after crank pin. The Crank and tunnel shafting out of a straight line. The screw shaft, and its bearings in the Stern tube, slightly damaged. The bottom of the main boiler damaged.

There was a new Crank shaft fitted. The propeller shaft and tunnel shafting were put in the lathe and trued up. and a new brass liner fitted on point of the propeller shaft. The bushes in the stern tube and rudder post repaired, and put in a true line with the bearings for the tunnel shafting and Crank shaft.

In repairing the boiler, the front end of it was taken off with the furnaces attached to it, all the parts repaired where required; New plates fitted in front end above the tube plates, and at the bottom of front. The tubes were all renewed. All the different parts of the Engines were overhauled. The bilge suction were altered so that the sea water could not be run into the ship unintentionally. One of the blades of the propeller patched with mild iron plates.

A new donkey boiler fitted.

In my opinion the Engines and Boilers of the above named Vessel, are in good order and safe working Condition.

Damage Survey fee = £ 5. 5.

Travelling expenses = £ 3. 3.

The Amount of Fee ... £ 3 : 3 :

received by me,

Certificate (if required) ... £ : 5 :

17 May 1876

(Travelling Expenses, if any, £ 3. 3.)

Committee's Minute

18

William Allison

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

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