

Report of Survey for Repairs, &c., of Engines & Boilers.

(Received at London Office,

T^h 3 1887

No. 4490 Port of Glasgow

No. in Survey held at Reg. Book.

181 on the Machinery of the

S. S. Renfrewshire

Date, first Survey 21st January Last Survey 28th Jan^y 1884

(Number of Visits 5

Year Month

Tonnage, Gross

818

Built at

Port Glasgow

When built

1870-6

Ditto, Net

506

Owners

Boss & Turner.

Port belonging to

Glasgow

Diameter of Cylinder

25 + 4 1/4

Engines made by

Blackwood & Gordon

When made

1872

Length of Stroke

30

Boilers made by

When made

1882

Pressure of Steam

70 lbs

If Surveyed Afloat or in Dry Dock

Both. Goran Dry Dock.

Classed

A. 1. 4-86

Registered Horse Power

96

(State Name of Dock.)

L. M. C. 4-82.

Last Survey No.

Port

Particulars of Repairs and Examination

Part Special Survey.

(State clearly the cause of Repairs if any, and in detail, the nature and extent of Examinations and subsequent Repairs.

Repairs on account of Damage should be separated from

Repairs due to other causes. State also the dates and initials of any letters respecting this case.

The cylinders, pistons, slide valves and donkey boiler examined - On account of the uneven wear of slide valve faces, they have been filed up & the valves planed - new spindles have been fitted & the glands rebushed - A small fracture was found at edge of one bar of Low-pressure valve face and repairs have been carried out.

The Low-pressure piston ring was found to be worn very thin - it was broken in one place and had been repaired - A new ring has now been fitted - The piston was removed to shop and overhauled and the springs adjusted.

The shell crown plate of donkey boiler was found to be somewhat wasted by corrosion - holes were drilled and the thickness ascertained - About one half, including the thinnest places, has been doubled by a five sixteenth plate riveted outside through which the stays pass - Safety valve overhauled & adjusted under steam.

When the vessel was in Dry Dock the sea cocks & valves, propeller & fastenings were all examined.

General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing notification of the vessel's machinery in the Register Book, consequent upon this survey.)

The above mentioned repairs have been satisfactorily carried out - Owing to the main boiler being required under steam no opportunity was afforded for the survey, and the Owners have arranged that this boiler, also the remainder of the engine, will be opened out for examination on the completion of this voyage - I am of opinion the machinery is eligible to remain as classed in the Register Book.

Office or Registration Fee (per Sec. 27)

£

:

:

Survey Fee (per Section 28)

£

2

:

2

Special Damage Fee (per Section 28)

£

:

:

*Certificate (if required)

£

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:

Travelling Expenses (if chargeable)

£

:

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received by me,

2/21

1884

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

Committee's Minute

FRIDAY 4 FEB 1887

Assigned



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Lloyd's Register Foundation

GLS153-0088