

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

No. 11161.

(Received at London Office)

Date of writing Report 11th July 1905 When handed in at Local Office 11th July 1905 Port of Leith
No. in Reg. Book 1523 Survey held at Leith Date, First Survey 29th June Last Survey 5th July 1905
on the Machinery of the Wood, Iron or Steel S.S. "Helm" Master J. D. Brown
Tonnage { Gross 876 Vessel built at Glasgow By whom Barclay, Curly & Co. When 1864 MONTH 11
Net 528 Engines made at Leith By whom Hawthorn & Co. When 1889
Registered { Horse Power 98 Boilers, when made (Main) 1889 (Donkey) 1889
No. of Main Boilers 1 Owners Leith, Hull & Co. S.P. Co. Ltd. Port Leith Voyage ✓
No. of Donkey Boilers 1 If Surveyed Afloat ✓ in Dry Dock Commercial
Steam Pressure in Main Boilers 150 lb. (State name of Dock.)
in Donkey Boilers 50 lb.

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) Docking & B.S.

(Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. 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 (the cause of which must be stated) should be separated from repairs due to other causes; and dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined? ✓ also whether any damage report was made, and, if so, by whom? ✓

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time Yes.

Do. " Donkey " " " Yes.

If this was not done, state for what reasons? ✓

And what parts of the Boilers could not be thus thoroughly examined? ✓

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes.

To what pressure were they afterwards adjusted under steam? 150 lb.

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes.

To what pressure were they afterwards adjusted under steam? 50 lb.

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes.

, and of the Donkey Boiler? Yes.

Did the Surveyor examine the drain plugs of the Main Boilers? ✓

, and of the Donkey Boiler? ✓

Did the Surveyor examine all the mountings of the Main Boilers? Yes.

, and of the Donkey Boiler? Yes.

Has the screw shaft been drawn and examined at this time? Yes.

If spare screw shaft fitted, state whether new? ✓

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? Stem bush renewed.

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete.

Examined propeller shaft, propeller, stem bush & sea cock fastenings.
Stem bush renewed & new propeller fitted.

Main & donkey boiler examined internally & externally, & wasted screw stays in combustion chamber backs renewed. Safety valves examined & adjusted under steam.

General Observations, Opinion, and Recommendation:— The machinery of this vessel as far

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 200, B.&M.S. 200, or L.M.E. 200, 140 lb., F.D., &c.)

as seen is now in good order & eligible in my opinion to remain as classed & to have record of B.S. 17.05.

Office or Registration Fee (per Sec. 27) £ 10 7 0
Survey Fee (per Section 28) £ 1 7 0
Special Damage or Repair Fee (if any) (per Section 28) £
Travelling Expenses (if chargeable) £

Fees applied for
12th July 1905
Received by me,
27/7/05

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

*State if Certificate is required.

Committee's Minute

Assigned

TUES. 18 JUL 1905

* Certificate to be sent to

Screw shaft examined.
New propellers fitted.

It is submitted that
this vessel is eligible for
FIR RECORD BS 7.05.

C.M.
14.7.05

10.05

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OF THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.