

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

No. 10221 Date of Writing Report Oct 20th. 1890 Port of Glasgow
 No. in Reg. Book. Survey held at Glasgow Date, first Survey Aug 22nd Last Survey Oct 13th. 1890
 m. 485 on the Machinery of the Caribbee & Merionethshire Master R. Fraser No. of Visits 18
 Tonnage Gross 1907 Net 1245 Vessel built at Glasgow By whom Jon & Glas. Coy (Lim) When 1878 4
 Registered Horse Power 250 Engines made at do. When 1878 Boilers, when made (Main) 1878 (Donkey) 1890
 No. of Main Boilers 2 Owners Quebec S. S. Coy Port Quebec Voyage New York
 Steam Pressure in Main Boilers 70 If Surveyed Afloat or in Dry Dock Govan dry & Zucchi Dock Class of Vessel & Machinery +100A/10-89
 in Donkey Boiler 80 (State name of Dock.) BS 9.88 LMC 10.89
 Last Survey No. Port S.S. Lon. 712-87

Particulars of Examination and Repairs (if any) Special Survey No 3.

(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

Did the Surveyor personally go inside each Boiler separately (including the Donkey Boiler, if any), and make a thorough examination at this time? 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?

The Main Boilers were opened up & examined throughout & found in fair condition, the boilers were retubed throughout. Several patches were put on furnaces where recommended, the whole being done in an efficient & workmanlike manner. The Boilers were afterwards tested by hydraulic pressure to 110 lbs. when everything was tight and satisfactory. All mountings including Safety Valves were overhauled & put in good order. Cylinders, Pistons, Valves, Pumps and other parts of machinery were opened up examined & found in good order. The Crank Shafts & intermediate Shafting were examined & found sound & efficient. Whilst in Govan dry dock, the Propeller shaft was drawn in, examined & found in good order, new lignum vitae strips were fitted in Stern bush. A new Donkey Boiler has been fitted on board, built by Messrs. Clark, Chapman & Co of Gateshead, under special Survey of good material & workmanship. Steam was raised on both Main & donkey boilers & Safety valves adjusted. The Sea-cocks & all sea connections were overhauled & put in good order.

An Electric lighting installation of ninety lamps has been fitted on board by the Woodside Electric Coy. Lim. of Glasgow. The engine is one of Robt. & Co's Lincoln, coupled to dynamo by a belt. The wires are all insulated in an approved manner, each switch is fitted with a safety fuse. A six hours trial of the installation was made, when the lights burned steadily & without signs of fusing.

General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing classification and notation of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 1/89, B. & M.S. 1/89, or L.M.C. 1/89, as the case may be.)

We are of opinion that the Machinery of this vessel is now in good order & Condition & eligible to be Classed in Register Book + LMC 10-90

Office or Registration Fee (per Sec. 27).....	£	:	Fees applied for
Survey Fee (per Section 23).....	£	5:00	14/10/1890
Special Damage Fee (per Section 23).....	£	:	
*Certificate (if required) as per margin.....	£	:	received by me,
Travelling Expenses (if chargeable).....	£	:	14/10/1890

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

Committee's Minute

Assigned

FRI 24 OCT 1890

Lmb 10/90



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GLS 161-0051

State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

T. & S. Form No. 2—Transfer Ink—6000, 9/11/89. * Surveyors are requested not to write on or below the space for Committee's Minute.

Insert Character of Ship and Machinery precisely as in the Register Book

10221 Gb

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

It is submitted that this vessel

is eligible to have

L.M.C. 10 90 recorded

W.A.

22-10-90

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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