

No. 14335

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

(Received at London Office. WED. APR 22 1896)

Date of writing Report 20th April 1896 When handed in at Local Office 20th April 1896 Port of Glasgow
 No. in Reg. Book. Survey held at Glasgow Date, First Survey 17th April Last Survey 17th April 1896
773 on the Machinery of the Wood, Iron or Steel S.S. Clan Mackenzie Master Hewley
 Tonnage { Gross 3008 Net 1945 Vessel built at Leith By whom Ramage & Ferguson When 1872 11 MONTH.
 Registered Horse Power 292 Engines made at Glasgow When 1872 Boilers, when made (Main) 1872 (Donkey) 1893
 No. of Main Boilers 2 Owners Cayzer Irvine & Co Port Glasgow Voyage Calcutta
 No. of Donkey Boilers 1
 Steam Pressure in Main Boilers 95 If Surveyed Afloat or in Dry Dock Both
 in Donkey Boilers 100 (State name of Dock.) Govan dry & Leith wet

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER for Special Survey. Date of last Survey and of Periodical Surveys.	Years since last survey obtained.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1</u>	<u>5-95</u>	<u>L.M.C.</u>
<u>5-95</u>		<u>5-95</u>
<u>100 G.M.S. 5-95</u>		

Last Survey No. _____ Port _____
 Particulars of Examination and Repairs (if any) L.M.C.

(Periodical Surveys, when held, must be reported in detail and seriatim 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 besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.)

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.

At what pressure were they afterwards adjusted under steam? 85 lbs per square inch

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

To what pressure were they afterwards adjusted? 85 lbs per square inch

Has the propeller shaft been drawn and examined at this time? No.

If the Survey is not complete state what arrangements have been made for its completion? Complete

The two main boilers, & their safety valves & mountings opened up and examined. found to be in good condition.
The donkey boiler & its valves & mountings opened up examined and found to be in good condition.
Machinery opened up throughout, and the cylinders, pistons, slide valves, air, circulating, bilge, & feed pumps, and all shafting examined (with the exception of that portion of propeller shaft inside stern tube).
When this vessel was in dry dock, the sea cocks & their fastenings were examined. Propeller & fastenings in good order.
(The propeller shaft was drawn in & examined in January 1895)

General Observations, Opinion, and Recommendation:— The machinery of this vessel
 (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. 4,04, B.&M.S. 4,04 or L.M.C. 4,04, 140 lb., F.D., &c.)
so far as seen is in good condition and is eligible in my opinion to remain as classed, with fresh record of L.M.C. 4-96 in register book.

Office or Registration Fee (per Sec. 27) £ _____
 Survey Fee (per Section 28) £ 2 16 "
 Special Damage Fee (per Section 28) £ _____
 Travelling Expenses (if chargeable) £ _____
 Fees applied for 20/4/96
 Received by me, 21/4/96

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

* State if Certificate is required _____
 Committee's Minute FRI. APR 24 1896
 Assigned + L.M.C. 4-96

