

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

SAT. JUL 11 1896

(Received at London Office)

Date of writing Report 2nd July 1896 When handed in at Local Office 2nd July 1896 Port of Glasgow
 No. in Reg. Book. 786 Survey held at Glasgow Date, First Survey 23 June 1896 Last Survey 3 July 1896
 on the Machinery of the Wood, Iron or Steel S.S. Clan Stuart Master Ridgway
 Tonnage Gross 2094 Net 1350 Vessel built at Dumbarton By whom J. W. Millan & Son When 1879 2
 Registered Horse Power 214 Engines made at Glasgow When 1879 Boilers, when made (Main) 1879 (Donkey) 1879
 No. of Main Boilers 1 Owners Cayzer Irvine & Co Port Glasgow Voyage Cape Pkts.
 No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Afloat & dry dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure in Main Boilers 160 (State name of Dock.) Thornhill Govan Dry
 in Donkey Boilers 80

Last Survey No. Port Docking and Annual Boiler
 Particulars of Examination and Repairs (if any) 100 A 1
 (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 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.)
2-95
1st Ex. in 2-91
7th 8-95
8th 10-89

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? 163 lbs per square inch.
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes
 To what pressure were they afterwards adjusted? 80 lbs per square inch.
 Has the propeller shaft been drawn and examined at this time? Complete
 If the Survey is not complete state what arrangements have been made for its completion?

When this vessel was in dry dock the propeller and sea cock fastenings were examined, found the plate around spigot of boiler blow down cock on ships side much corroded. a doubling plate has been fitted and the cock re-fastened.
 Main boiler and its Safety valves and mountings opened up and examined. found same in good condition. about ten chamber stay nuts have been renewed.
 Donkey boiler and its safety valves and mountings opened up and examined. found the lower cross tube defective at ends. A new cross tube has now been fitted.

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. 4,94, B.&M.S. 4,94 or S.L.M.C. 4,94, 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 B.S. 7-96 in register book.

Office or Registration Fee (per Sec. 27) £
 Survey Fee (per Section 28) £ 1.19
 Special Damage Fee (per Section 28) £
 Travelling Expenses (if chargeable) £
 Fees applied for 7/4/96
 Received by me, 10/4/96
 George Murdoch.
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required
 Committee's Minute TUES. JUL 14 1896
 Assigned B.S. 7-96