

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

Date of writing Report 30th Jan 1896 When handed in at Local Office 30th Jan 1896 Port of Glasgow
No. in Reg. Book. 1149 Survey held at Glasgow Date, First Survey 1894 Last Survey 29th Jan 1896
on the Machinery of the Wood, Iron or Steel SS Rossquill Master John Bell
Tonnage Gross 238 Net 90 Vessel built at Paisley By whom McArthur & Co When 1884 Boilers, when made (Main) 1894 (Donkey) 1884
Registered Horse Power 54 Engines made at Glasgow Owners C. J. Stewart Port Londonderry Voyage Londonderry
No. of Main Boilers 1 No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Both
Steam Pressure in Main Boilers 80 in Donkey Boilers 80 (State name of Dock.) Belmont's Slip, Larnach

Last Survey No. 1149 Port Glasgow
Particulars of Examination and Repairs (if any) Special Survey
(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.)

CHARACTER.	Year Assigned for Special Survey.	Machinery and Boiler Surveys (including date of N.B., if any).
100 A1	3-95	L M C
SS Rossquill	1894	1-94
		KB 1-94

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? Complete.
And what parts of the Boilers could not be thus thoroughly examined? None.
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? None.
Did the Surveyor examine the Safety Valves of the Main Boiler? Yes.
At what pressure were they afterwards adjusted under steam? 83 lbs per square inch.
Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes.
To what pressure were they afterwards adjusted? 55 lbs per sq. inch being all that is required.
Has the propeller shaft been drawn and examined at this time? Yes.
If the Survey is not complete state what arrangements have been made for its completion? Complete.

When this vessel was on slipway the propeller shaft was drawn in, & the sea cocks opened up and examined. found one blade broken of propeller and stern bush much worn. Stern bush has been re-filled with lignum-vitae and new propeller fitted.

Machinery opened up throughout, and the cylinders pistons. slide valves, crank & straight shafting, air, circulating, bilge, and feed pumps examined, found the crank shaft flawed in after pin. H.P. piston rings much worn. A new built crank shaft, new H.P. piston rings and springs and new feed and bilge pump valves now fitted.

The main boiler, its safety valves and mountings opened up and examined, and found in good condition.

The donkey boiler, its safety valves and mountings opened up and examined, found the nut burnt of one of the vertical stays, new nut and washer now fitted, boiler otherwise in good condition.

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. 2,04, B.&M.S. 4,04 or L.M.C. 1,04, 140 lb., F.D., &c.) is now in good condition, and is eligible in my opinion to remain as classed in register book, with fresh record of L M C 1-96.

Office or Registration Fee (per Sec. 27)..... £ 19/2
Survey Fee (per Section 28)..... £ 3/10
Special Damage Fee (per Section 28)..... £ 3/8
Travelling Expenses (if chargeable)..... £ : :
Fees applied for 19/2 1896
Received by me, 20/2 1896

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

Committee's Minute FRI, MAR 6 1896
Assigned L M C 1,96 subject.