No. 54146

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

(Received at London Office WED. 8 MAR 1893)

Date of writing Report March 7. 18 93. When handed in at Local Office 18 Port of London.

No. in Book. 71 Survey held at London. Date, First Survey Feb. 4th Last Survey March 7th 18 93. (No. of Visits Nine)

on the Machinery of the ~~Wood~~, Iron ~~or Steel~~ S.S. "DRUMMOND CASTLE" Master Bryant.

Tonnage { Gross 3663. Net 2352

Registered Horse Power 600

No. of Main Boilers Three

Steam Pressure— Main Boilers 150lbs Donkey Boiler 80lbs

Vessel built at Glasgow. By whom J. Elder & Co. When 1881. 2. (YEAR. MONTH.)

Engines made at Hartlepool. When 1887. Boilers, when made (Main) 1887 (Donkey) 1887.

Owners D. Currie & Co. Port London Voyage South Africa.

If Surveyed Afloat or in Dry Dock (State name of Dock.) E. India Dock & Greens Dry Dock

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 Assigned Before.	Years Assigned Before.	Machinery and Boiler Surveys (including date of N.B., if any).
✠ 100 A.1. 11.8.92. SS. LON. No. 2. 89.			✠ L.M.C. 2.90. ✠ N.B. 10.87

Last Survey No. Port

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

Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the date 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 Repairs being detailed in the body of the report, should be briefly summarised at the end of the report. State also the numbers 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 not, why was not done, state for what reasons? –

What parts of the Boilers could not be thus thoroughly examined? –

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? 150lbs. per □"

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

At what pressure were they afterwards adjusted? 80lbs. per □"

If Survey is not complete state what arrangements have been made for its completion? Completed.

Examined Main & Donkey boilers internally & externally & safety valves, all found to be in good condition, with the exception of the Donkey boiler, several of the stays in water space & the after side of the shell plating (internally) being much corroded & Doubling plates three feet wide for the full length of the boiler were fitted on the after side shell plating, all the water space stays of the after combustion chamber were renewed & twenty stays of the forward combustion chamber. The boilers were afterwards seen under steam & the safety valves adjusted to the working pressures.

Examined Cylinders, Pistons, Slide valves, pumps & condenser, crank thrust & tunnel shafting, sea & bilge connections, sluices & cocks, tail end shaft drawn in & examined, all found to be in good condition with the exception of the thrust shaft which was found to be flawed, but this flaw was not considered to be of a serious nature.

General Observations, Opinion, and Recommendation: This vessel's machinery is now in good & safe condition & in my opinion the vessel is eligible to remain as classed have notification. ✠ L.M.C. 3.93. recorded in the Register Book.

(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 9.92, B.&M.S. 9.92 or ✠L.M.C. 9.92, as the case may be.)

For Registration Fee (per Sec. 27)	£ : :	
Survey Fee (per Section 28)	£5 10.0.	Fees applied for 8 MAR 18 93
Damage Fee (per Section 28)	£ :	
Travelling Expenses (if chargeable)	£ : :	Received by me, 27 4 18 93

Signed if Certificate is required

A.R.D. 27.4.93

F. M. Salmon.

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

Committee's Minute TUES. 14 MAR 1893 FRI 26 MAY 1893

Signed ✠ L.M.C. 3.93

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

LON698-0230

It is submitted that
this vessel is eligible for
THE RECORD + LMC. 3.93

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.

on account of wear & tear
repairs of moderate
extent have been done
to the main boilers &c

Bd 8.3.93 –