

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

(Received at London Office)

Date of writing Report 14th Dec 1892 When handed in at Local Office 19/12/92 is 19 Port of London
 No. in Reg. Book. 1137 Survey held at Tilbury Date, First Survey 29th Nov Last Survey 15th Dec 1892
on the Machinery of the Wood, Iron or Steel S.S. "Cuzco" (No. of Visits 5) Master Auderson
 Tonnage Gross 3898 Net 2506 Vessel built at Glasgow By whom J. Elder & Co. When 1871 MONTH 10
 Registered Horse Power 650 Engines made at Glasgow When 1888 Boilers, when made (Main) 1888 (Donkey) 1888
 No. of Main Boilers 4 Owners Orient St. Nav. Co. Port Liverpool Voyage Sydney
 Steam Pressure in Main Boilers 150 lbs If Surveyed Afloat or in Dry Dock Both (State name of Dock.) Tilbury
 in Donkey Boiler 150 lbs

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 or expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>AI*1</u>	<u>8.92</u>	<u>LMC 1.88</u>
<u>FS & Auxg dk.</u>		<u>NE&B. 1.88</u>
<u>4th Survey Lon 7.90</u>		

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

(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? 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? _____
 Did the Surveyor examine the Safety Valves of the Main Boiler? Yes
 At what pressure were they afterwards adjusted under steam? 150 lbs
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes
 To what pressure were they afterwards adjusted? 150 lbs

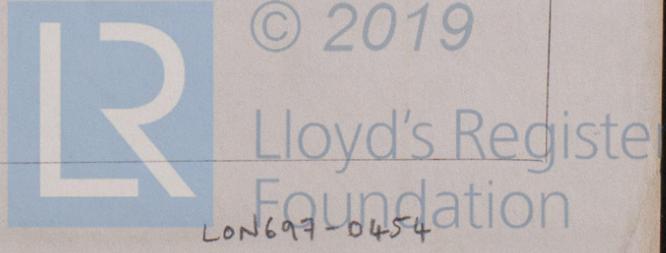
If the Survey is not complete state what arrangements have been made for its completion? Survey completed
This vessel was placed on the blocks in dry dock
The propeller, stern bush, and all sea connections with their respective fastenings, were examined and found in good order.
The High Pressure Cylinder, and piston valve chambers were found slightly out of truth, these were bored out and a new set of packing rings fitted to each piston, satisfactorily.
Examined Low pressure Cylinder & slide valve, crank, thrust, and intermediate shafting, Condenser, all pumps with their buckets valves and connections, sluice valves, and all bilge connections with their roses, found all in good condition.
Examined main and donkey boilers internally and externally also their safety valves found all in good working order.
Main and donkey boiler safety valves were satisfactorily adjusted under steam to lift at 150 lbs pressure per square inch.

General Observations, Opinion, and Recommendation:— The machinery is now
 (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. 0,02, B.&M.S. 0,02 or L.M.C. 0,02, as the case may be.)
in good and efficient working order and in my opinion this vessel is eligible to remain as classed and to have LMC 12.92 recorded in the Register book

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ 5 10 : -
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 Fees applied for 19/12/92
 Received by me, 19/12/92

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

* State if Certificate is required _____
 Committee's Minute TUES. 20 DEC 1892
 Assigned + LMC 12.92



The 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.

It is submitted that
this vessel is eligible for
THE RECORD + 2 m.c. 12 92

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.

W.S.
19.12.92.

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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.