

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

(Received at London Office MON. 5 FEB 1894)

Date of writing Report 18 _____ When handed in at Local Office 18 _____ Port of Glasgow
 No. in Reg. Book. 619 Survey held at Glasgow Date, First Survey 12th January Last Survey 26th January 1894
 on the Machinery of the W. Iron & Steel P.P. City of Calcutta Master A. Thom
 Tonnage Gross 3836 Net 2505 Vessel built at Glasgow By whom E. Connell & Co When 1881 YEAR. MONTH. 9
 Registered Horse Power 600 Engines made at Glasgow When 1881 Boilers, when made (Main) 1881 (Donkey) 1881
 No. of Main Boilers Two Owners G. Smith & Sons Port Glasgow Voyage Calcutta
 Steam Pressure in Main Boilers 70 lbs # Surveyed Afloat & in Dry Dock Govan (State name of Dock.)
 in Donkey Boiler 30 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 for special survey.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100A1</u> <u>2-93</u>		<u>L.M.C. 10-94</u>

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

(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 & found in good order

At what pressure were they afterwards adjusted under steam? 70 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes & found in good order

To what pressure were they afterwards adjusted? 30 lbs

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

The cylinders, pistons, slide valves, pumps & shafting were examined & found in good order, when in dry dock. All sea cocks & connections were overhauled. The propeller shaft was drawn in & on examination was found to be much corroded. The spare shaft has now been fitted & the stem bush relined with lignum vitae.

Main boilers examined over all parts & found in fair condition old patches on ship boiler centre furnace end & centre boiler, centre furnace front & after ends were removed and new patches fitted & riveted.

Donkey boiler examined over all parts & found in fair condition plates of shell bored & found to be of ample thickness for the pressure carried.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is now in good order & safe working condition & in my opinion eligible to have notification L.M.C. 1-94 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. 0,02, B.&M.S. 0,02 or L.M.C. 0,02, as the case may be.)

Office or Registration Fee (per Sec. 27)..... £ : :	Fees applied for
Survey Fee (per Section 28)..... £ 5 : 10 : "	<u>31/1</u> 18 <u>94</u>
Special Damage Fee (per Section 28)..... £ : :	Received by me,
Travelling Expenses (if chargeable)..... £ : :	<u>3/21</u> 18 <u>94</u>

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

*State if Certificate is required _____
Committee's Minute _____

TUES. 6 FEB 1894

FRI 1 JUN 1894

FRIDAY 14 SEP 1894

FRIDAY 21 DEC 1894 TUES. 26 MAR 1895

Assigned L.M.C. 1-94

1270590

It is submitted that this vessel is eligible for

THE RECORD + L.N.C. 1-98

on acct of Cas. 1/20
A new propeller shaft was fitted
and a few repairs were effected
to the main boiler

PA
5-2-94

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ALL INTERVIEWERS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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