

No. 12405

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

(Received at London Office MON. 5 FEB 1894)

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. Jones
Gross 3836 Net 2605 Vessel built at Glasgow By whom E. Connell & Co When 1881 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 10 lbs Surveyed Afloat & in Dry Dock Govan
in Donkey Boiler 30 lbs (State name of 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 to expiry. | 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 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.)
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 board 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 & in working condition & in my opinion eligible to have notification L.M.C. 1-94 in the Register Book.

| | | |
|---|----------|--------------------------|
| 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
Assigned L.M.C. 1.94
TUES. 6 FEB 1894
FRI 1 JUN 1894
FRIDAY 14 SEP 1894
TUES. 26 MAR 1895
Lloyd's Register Foundation
GLS169-0118

1270590

It is submitted that
this vessel is eligible for

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

on acct of her service
a new propeller shaft was fitted
and a few repairs were effected
to the main boiler

MA
5-2-94



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Foundation

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