

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

No. 53698

24 SEP 1892

Date of writing Report 23rd Sept 1892 When handed in at Local Office is Port of London

No. in Reg. Book. 344 Survey held at Southend Date, First Survey 19th Sept Last Survey 22nd Sept 1892
 on the Machinery of the Wood, Iron or Steel S.S. Lismore Castle Master G. de Sauer (No. of Visits three)

Tonnage { Gross 4046 Vessel built at Glasgow By whom Barclay Curle & Co. (Lim^d) When 1891 YEAR. MONTH.
 Net 2606 Engines made at Glasgow When 1891 Boilers, when made (Main) 1891 (Donkey) 1891

Registered Horse Power 463 Owners Castle mail packet Co. (Lim^d) Port London Voyage Cape Town

No. of Main Boilers Two If Surveyed (P. Currie & Co. 7 yrs) Afloat or in Dry Dock off Southend

Steam Pressure in Main Boilers 160 lbs in Donkey Boiler 65 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 approval. | Machinery and Boiler Surveys (including date of N.B., if any). |
|--|------------------------------|--|
| <u>100 A1</u> <u>8.92</u> | | <u>LMC 1.91</u> |

Last Survey No. 53296 Port Lon

Particulars of Examination and Repairs (if any) Repairs to High Pressure Cylinder

(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 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? No.

Do. " Donkey " " " " No.

If this was not done, state for what reasons? Not due for survey

And what parts of the Boilers could not be thus thoroughly examined? Boilers not surveyed

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? Boilers not surveyed

Did the Surveyor examine the Safety Valves of the Main Boiler? No.

At what pressure were they afterwards adjusted under steam? Not adjusted

Did the Surveyor examine the Safety Valves of Donkey Boiler? No.

To what pressure were they afterwards adjusted? Not adjusted

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

Examined the High pressure Cylinder internally and externally, found a piece of metal broken out of the side of the (piston rod) stuffing box, inside the cylinder next the bottom steam port, the broken part measuring 15" x 6 1/2" x 1 1/2". The cylinder otherwise was found sound.

The stuffing box was bored out and a strong flanged gun metal bush (forming stuffing box and neck bush combined) was efficiently fitted and secured in its place by the four 1/2" gland studs and four 1/8" pins.

Examined the piston, found it sound.

Examined the piston rod, found it slightly bent, the rod was taken to the factory and efficiently trued up in a turning lathe, and afterwards re-fitted in its place.

The main engines were satisfactorily tried under full steam for two hours.

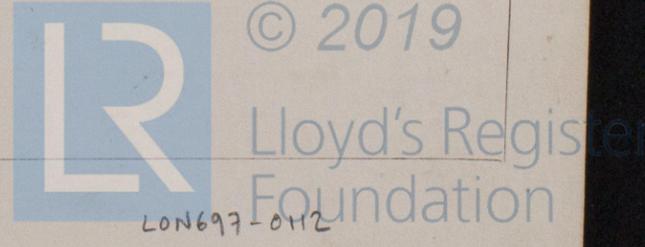
General Observations, Opinion, and Recommendation:— The repairs to the High Pres. Engine
 (State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 0.02, B.&M.S. 0.02 or L.M.C. 0.02, as the case may be.)
having been effectually carried out the vessel in our opinion is eligible to remain as classed

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ 2 : 2 : -
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) Mr. Allison & Co. Balfour 1/4 £ 1 : 4 : 4

Fees applied for 26/9/1892
 Received by me, William Allison & Robert Balfour

William Allison
Robert Balfour
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required
 Committee's Minute TUES. 27 SEP 1892
 Assigned as now



State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.
 16-LRPH—Form No. 9—Transfer Ink—5,000, 7/9/92.
 (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 to
remain AS CLASSED.

On account of breakage
the piston rod stuffing
box of the H.P. cylinder
was repaired and
the piston rod was
screwed up.

C.S.S.

26.9.92

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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