

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

No. 53698

Sat. 24 SEP 1892

Date of writing Report 23rd Sept. 1892 When handed in at Local Office 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. E. Senior (No. of Visits three)

Tonnage { Gross 4046 Net 2606 Vessel built at Glasgow By whom Barclay Curle & Co. (Lim^d) When 1891 YEAR. MONTH.

Registered Horse Power 463 Engines made at Glasgow When 1891 Boilers, when made (Main) 1891 (Donkey) 1891

No. of Main Boilers two Owners Castle mail packet Co. (Lim^d) Port London Voyage Cape Town

Steam Pressure in Main Boilers 160 lb If Surveyed Afloat or in Dry Dock Afloat

in Donkey Boiler 65 lb (State name of Dock.) off Southend

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. 53296 Port Lon

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

CHARACTER * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1</u> <u>8.92</u>		<u>LMC 1.91</u>

(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? 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 afterward 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) £ : : Fees applied for

Survey Fee (per Section 28) £ 2 : 2 : - 26/9/1892

Special Damage Fee (per Section 28) £ : : Received by me,

Travelling Expenses (if chargeable) Mr. Allison £ 1 : 4 : 4 28/9/1892

" 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



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Lloyd's Register Foundation

LON697-012

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
bored up.

C.E.S.

26.9.92

