

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

Date of writing Report 29th Oct. 95 When handed in at Local Office 18 Port of London
No. in Reg. Book 155 Survey held at London Date, First Survey 24th Oct. 1895 and Last Survey 24th Oct. 1895
on the Machinery of the Wood, Iron or Steel S.S. "Hawarden Castle" Master A. Ryb
Tonnage { Gross 4388 Net 2556 Vessel built at Glasgow By whom J. Elder & Co. When 1883 1 MONTH.
Registered 831 Engines made at Do When 1891 Boilers, when made (Main) 1891 (Donkey) 1891
No. of Main Boilers Three Owners D. Currie & Co. Port London Voyage Cape
No. of Donkey Boilers One If Surveyed Afloat or in Dry Dock Thames dry dock
Steam Pressure—160
in Main Boilers 80
in Donkey Boilers 80

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

| CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys. | Years elapsed since last survey. | Machinery and Boiler Surveys (including date of N.B., if any). |
|--|--|--|
| <u>100A 1.</u> <u>7.95.</u> <u>S.S. El. No 3-7.91</u> | | <u>L.M.C. 5.95.</u> <u>N.B. 7.91.</u> |

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? ✓
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? 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
Has the propeller shaft been drawn and examined at this time? No.
If the Survey is not complete state what arrangements have been made for its completion? Complete.
Propeller & sea-connection fastenings examined in dry dock and found in order.

General Observations, Opinion, and Recommendation:—This vessel's machinery, so far as seen, is in safe working condition and eligible, in my opinion, to remain as classed without further record of survey.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for
Survey Fee (per Section 28) £ : : 18
Special Damage Fee (per Section 28) £ : :
Travelling Expenses (if chargeable) £ : :
Received by me, R. Elliott
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
*State if Certificate is required FRI. 1 NOV 1895 FRI. SEP 25 1896 FRI. APR 17 1896
Committee's Minute TUES. JAN 28 1896
Assigned As now

It is submitted that
this vessel is eligible to
remain AS CLASSED.

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.

Pms.
30.10.95.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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