

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

TUES. 19 OCT 1897

(Received at London Office)

Date of writing Report Oct 18 1897, When handed in at Local Office is Port of London

No. in Reg. Book. 176 Survey held at London Date, First Survey Oct 7th Last Survey Oct 16th 1897

on the Machinery of the Wood, Iron or Steel S.S. "Hawarden Castle" Master Rugby

Tonnage { Gross 4380 Net 2536 Vessel built at Glasgow By whom J. Elder & Co. When 1883 Boilers, when made (Main) 1891 (Donkey) 1891

Registered Horse Power 831 Engines made at do When 1883 Boilers, when made (Main) 1891 (Donkey) 1891

No. of Main Boilers 3 Owners (D. Currie & Co.) Port London Voyage S. Africa

No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock East India St. & Thames Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure— in Main Boilers 160 lbs in Donkey Boilers 80 lbs (State name of Dock.) in Dry Dock

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) Docking.

(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.)

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 A. 1. 7. 97.</u>		<u>L.M.C. 5. 95.</u>
<u>28 9. 8. 903. 7. 91</u>		<u>N.B. 7. 91</u>
<u>SS LON 7. 1. 96</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? Boilers not prepared 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? ✓ At what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted? ✓

Has the propeller shaft been drawn and examined at this time? No If spare propeller shaft fitted, state whether new? ✓

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? 3/6"

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Completed

Examined propeller, stern bush, & sea connections fastenings, found same all in good condition.

The Owner's representative states that the Annual Boiler Survey will be held on the vessel's return.

General Observations, Opinion, and Recommendation:— This vessel's Machinery is now as far as seen in good condition & in my opinion the vessel is eligible to remain as classed.

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,95, B.&M.S. 9,95 or L.M.C. 9,95, 140 lb., F.D., &c.)

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for
Survey Fee (per Section 28).....	£ : ✓	
Special Damage Fee (per Section 28).....	£ : ✓	
Travelling Expenses (if chargeable).....	£ : :	
		Received by me,
		18

M. Salmon.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Has a Survey and been... on Ship? If so, is the Report sent now, or when will it be sent?

Insert Character of Ship and Machinery precisely as in the Register Book. *Certificate to be sent to

B.S. due 7.97. will be held on the
vessel's return to the U. K.

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.

It is submitted that
this vessel is eligible to
remain as **CLASSED**.

R.S.

19.10.97

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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