

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

FRI 4 MAY 1894

(Received at London Office)

Date of writing Report 3rd May 18 94 When handed in at Local Office 18 94 Port of Glasgow
No. in Reg. Book. 411 Survey held at Glasgow Paisley Date, First Survey 4th April Last Survey 19th April 18 94
on the Machinery of the Wood, Iron or Steel S.S. "Ralston" Master Stewart
Tonnage { Gross 232 Net 100 Vessel built at Paisley By whom J. McArthur & Co When 1892 - 2
Registered Horse Power 33 Engines made at do When 92 Boilers, when made (Main) 92 (Donkey) —
No. of Main Boilers 1 Owners Tatou & Hendry Port Glasgow Voyage Coasting
Steam Pressure in Main Boilers 120 lb If Surveyed Afloat or in Dry Dock Kilwinburgh
in Donkey Boiler — (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 how expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>1-100 A 1</u> <u>2.92</u>	<u>3-2 M.C</u> <u>2.92</u>	

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

(Periodical Surveys, when held, must be reported in detail and serialim 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?

Do. " Donkey " " " "

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?

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?

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

On account of damage through the breaking of the high pressure engine - bottom end bolts, the following parts have been removed: H.P. bottom end bolts and braces, piston, piston rod and guide shoe also cylinder drain water service cocks and escape valve on cover. The engines were all opened up and all levers, rods and brackets tried for fairness and put in order. —

When the vessel was on slip the propeller shaft was found worn down and the wood loose, new strips have been fitted. This was stated to have been caused while the vessel was aground. —

Sea cocks all in good order. —

General Observations, Opinion, and Recommendation:— This vessel is now in my opinion in a good working condition and eligible to remain as classed without any fresh record of Survey.

Office or Registration Fee (per Sec. 27).....	£	:	:
Survey Fee (per Section 28).....	£	:	:
Special Damage Fee (per Section 28).....	£	2	2
Travelling Expenses (if chargeable).....	£	:	:

Fees applied for
3/5 18 94
Received by me,
3/5 18 94

John Henderson
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required
Committee's Minute TUES. 8 MAY 1894
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—(Revised 12/10/93.)
(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.

129178

on account of damage
to West H P piston, piston Rod &
other Piston Valve & H P

and bid Graves
 renewed. Glen Ruth
 provided a left
 hand support as
 Mathew's
 A.P.P.

96-5

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.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

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ACROSS THIS MARGIN.



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