

No. 14251

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

MON. MAR 2 1896

(Received at London Office)

Date of writing Report 18 \_\_\_\_\_ When handed in at Local Office 18 \_\_\_\_\_

No. in Reg. Book. Survey held at Glasgow Date, First Survey 14 Feb 1896 Last Survey 25 Feb 1896

99 on the Machinery of the Wood, Iron or Steel "Saint Margaret" Master Wilson

Tonnage { Gross 478 Net 178 Vessel built at Bowling By whom Scott & Co When 1889 YEAR. MONTH. 3

Registered Horse Power 80 RHP Engines made at Glasgow When 1889 Boilers, when made (Main) 1889 (Donkey) 1889

No. of Main Boilers 1 SB Owners R. Harper Port Glasgow Voyage Coasting

No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Henderson's Slip Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure in Main Boilers 160 in Donkey Boilers 80

CHARACTER.	Years elapsed since last survey.	Machinery and Boiler Surveys (including date of N.B., if any).
* for Special Survey.		
Date of last Survey and of Periodical Surveys.		
	<u>+ Boiler Survey + 100 A1.</u>	<u>+ L M C</u>
	<u>4.95</u>	<u>2.93</u>
	<u>SB. 101. 93</u>	<u>138.4 95</u>

Particulars of Examination and Repairs (if any) Damage

(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.)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes & found it in a good condition

Do. " Donkey " " " Yes & found it in a good condition

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? Yes & found them in a good condition

At what pressure were they afterwards adjusted under steam? 160 lb

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes & found it in a good condition

To what pressure were they afterwards adjusted? 60 lb

Has the propeller shaft been drawn and examined at this time? Yes. See below.

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

Examined the sea-cocks & connections & found them good.

On examining the tailshaft it was found that the aft liner was slightly slack. The liner has been renewed and the shaft has been replaced.

Examined the tunnel & thrust shaft & found them good. The engines of this vessel are placed aft.

Damage. The high pressure packing ring was found broken into small bits and the cylinder sides cut. Recommended the H.P. cylinder to be bored out (its diameter is now 15 3/4 inches) and recommended all the cylinders and slide valves to be opened out. This has been done and all found in good condition

General Observations, Opinion, and Recommendation:— As far as seen the machinery  
(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 any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 404, B.&M.S. 404 or L.M.C. 404, 140 lb., F.D., &c.)  
of this vessel is in a safe working condition and eligible in my opinion for the record B.S. 2.96.

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for
Survey Fee (per Section 28).....	£	1	19	<u>24/2/18 96</u>
Special Damage Fee (per Section 28).....	£	2	18	Received by me,
Travelling Expenses (if chargeable).....	£	:	:	<u>24/2/18 96</u>

C. J. Cromeyer  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

\*State if Certificate is required \_\_\_\_\_

Committee's Minute TUES. MAR 3 1896

Assigned BS 2.96

State if a Report is also made on the Ship or if not whether, and when, one will be made.  
 16-LRPH-Report No. 9-Transfer fee-5,000, 9/4/96.  
 The Surveyors are requested not to write on or before the space for Committee's Minute.

Insert Character of Ship and Machinery precisely as in the Register Book.

