

No. 114564

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

(Received at London Office)

SAT. JUL 18 1896

Date of writing Report July 15<sup>th</sup> 1896 When handed in at Local Office 18  
 No. in Reg. Book 650 Survey held at Glasgow Date, First Survey 25 June Last Survey July 13, 1896  
 on the Machinery of the Wood, Iron or Steel P. S. Prins Hendrik Master (No. of Visits 4)  
 Tonnage { Gross 1945 Net 886 Vessel built at Glasgow By whom Fairfield Coy When 1895-10  
 Registered Horse Power 1350 Engines made at " When 1896 Boilers, when made (Main) 1895 (Donkey) 1895  
 No. of Main Boilers 6 Owners Storm & Matt, Zealand Port Amsterdam Voyage Channel Sea  
 No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Both  
 Steam Pressure in Main Boilers 140 (State name of Dock.) Crovan  
 in Donkey Boilers 1190

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

| CHARACTER<br>* for Special Survey.<br>Date of last Survey and of<br>Periodical Surveys | Years<br>Assigned<br>how<br>expired. | Machinery and Boiler<br>Surveys<br>(including date of N.B., if any). |
|--|--------------------------------------|--|
| <u>A.1</u><br><u>10.95</u>   |                                      | <u>L.M.C.</u><br><u>10/95</u>  |

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

## Particulars of Examination and Repairs (if any)

(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?

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?

*The Combustion Chamber top which had been collapsed and damaged, and subsequently repaired at Stushing as per Rotterdam report (No 2044) has been removed here and refitted, together with all the girders & stays connected therewith & on completion tested by Hydraulic pressure to 210 lbs per sq inch (Satisfactorily)*

*The Paddle wheels of this vessel have been renewed except the bosses, the arms & floats being heavier than the original. The intention being to try & get more speed by harder driving*

*The Engines have been opened also the Condenser and cleaned & a Lead water filter (Coward & Rayner's) has been introduced with connects.*

## General Observations, Opinion, and Recommendation:—

(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. 494, B.M.S. 494 or L.M.C. 494, 140 lb., F.D., &c.)

*The above repairs have been carried out in a satisfactory manner by the builders and I am of opinion the vessel should remain as classed*

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

*James Morrison*  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*Glyde District*

\*State if Certificate is required

Committee's Minute TUES. JUL 21 1896

Assigned as now

State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

Certificates to be sent to: (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 Register Book.