

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

Date of writing Report 23<sup>rd</sup> Jan 1893 When handed in at Local Office Tilbury is 18 Port of London

No. in Reg. Book 354 Survey held at Tilbury Date, First Survey 13<sup>th</sup> Jan 1892 Last Survey 21<sup>st</sup> Jan 1893 (No. of Visits 4)

354 on the Machinery of the Wood, Iron or Steel S.S. Maryland Master Morgan

Tonnage { Gross 2778 Net 1650 Vessel built at W. Martlepool By whom W. Gray & Co When 1886 11

Registered Horse Power 300 Engines made at W. Martlepool When 1886 Boilers, when made (Main) 1886 (Donkey) 1886

No. of Main Boilers 2 Owners Atlantic Transport Co Port London Voyage New York via Swansea

Steam Pressure in Main Boilers 150 lbs Surveyed Afloat or in Dry Dock Both Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boiler 60 lbs (State name of Dock.) Tilbury

Last Survey No.            Port            Damage           

Particulars of Examination and Repairs (if any) Completion of B.S.

(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).
* 100A1 10.92.		* LMC.390
S.S. 146 N. 1.90.		

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No

Do. " " Donkey " " " Yes

If this was not done, state for what reasons? Main boilers examined in Nov. last

And what parts of the Boilers could not be thus thoroughly examined? all 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? Yes

To what pressure were they afterwards adjusted? 60 lbs

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

The following recommendations and repairs were effected, consequent on the vessel grounding in the river Potomac, on the 25<sup>th</sup> December last, when on a voyage from Baltimore towards London.

The vessel was placed on the blocks in dry dock.  
The propeller, and stern bush, with their fastenings were found in good order.  
All Sea Connections, Circulating pump, and Surface Condenser water spaces, were opened out, cleaned, examined and found in good order.  
The main Circulating water discharge pipe was found fractured at the neck of the flange next the Condenser, this pipe was taken off and a new flange effectually fitted.

Completion of Boiler Survey.

Both donkey boilers and their safety valves were examined internally and externally. found all in safe working condition. these boilers were afterwards seen under steam and their safety valves adjusted to lift at 60 lbs pressure per sq".

General Observations, Opinion, and Recommendation:— The machinery as far as  
 (State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 0.02, B.E.M.S. 0.02 or L.M.C. 0.02, as the case may be.)

seen is now in good and efficient working order, and the vessel in my opinion is eligible to remain as classed, with the notification B.S. 11.92 recorded in the register book.

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for
Survey Fee (per Section 28).....	£ : :	<u>24/11 1893</u>
Special Damage Fee (per Section 28).....	£ <u>2 : 2</u> -	Received by me,
Travelling Expenses (if chargeable).....	£ : :	<u>3/21 1893</u>

Robt Balfour  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

\* State if Certificate is required

Committee's Minute FRI 27 JAN 1893

Assigned BS 11.92



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Lloyd's Register Foundation

LN 698-0042

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

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



It is submitted that  
this vessel is eligible for  
THE RECORD. B S 11-92

On acct. of damage the Main  
Circulating discharge pipe was  
repaired.

W. A.

24-1-93