

No. 56859

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

(Received at London Office) THUR. 22 AUG 1895

Date of writing Report Aug 21 1895 When handed in at Local Office London is Port of London  
 No. in Reg. Book 121 Survey held at London Date, First Survey July 6 Last Survey Aug 21 1895  
 on the Machinery of the Wood, Iron or Steel S.S. MALLARD Master Hayes  
 Tonnage Gross 250 Net 803 Vessel built at Dundee By whom Gourlay Bros & Co When 1882 YEAR. MONTH. 5  
 Registered Horse Power 130 Engines made at Do When 1882 Boilers, when made (Main) 1882 (Donkey) 1882  
 No. of Main Boilers 2 Owners General Steam Nav. Co Port London Voyage Mediterranean  
 No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Canal Dry Dock, Deptford Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 Steam Pressure in Main Boilers 70 lbs (State name of Dock.) 4 in water  
 in Donkey Boilers 45 lbs

Last Survey No. Port

Particulars of Examination and Repairs (if any) Comp. of Special Survey

(Periodical Surveys, when held, must be reported in detail and serially 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 date and initials of any letters respecting this case.)

CHARACTER * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned to last Survey.	Machinery and Boiler Surveys (including date of N.B., if any).
* 100 A. 1. 4. 94.		* L.M.C.
SS. Lon No. 2. 90.		12. 90.
		B.S. 10. 93

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?

Yes.

Do. " Donkey " " "

Yes.

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.

At what pressure were they afterwards adjusted under steam?

70 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler?

Yes.

To what pressure were they afterwards adjusted?

45 lbs.

Has the propeller shaft been drawn and examined at this time?

No.

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

Completed.

Examined Main & Donkey Boilers internally & externally & Safety valves, also Gilders Pistons, Slide Valves, Pumps Condenser, Crank, Thrust, Manned Shafts, Rigs connections, Slues & Co., all found to be in good condition except the gusset stays of the Donkey Boiler, some patches in the Donkey Boiler furnace which were leaking, & the shell of the Donkey Boiler which was somewhat wasted. The gusset stays have now been renewed, the patches in the furnace were cut off & renewed & on account of the wasted condition of the shell of the Donkey Boiler the pressure has been reduced to 45 lbs. All the Safety valves have been adjusted under steam.

The Sea connections of the Tail and Shaft have already been examined See Newcastle report No. 30754.

General Observations, Opinion, and Recommendation:—This vessel's Machinery is now in (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. 1.04, B.M.S. 1.04 or L.M.C. 1.04, 1.05 lb., F.D., &c.) Safe condition & in my opinion the vessel is eligible for record \* L.M.C. 8. 95.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for  
 Survey Fee (per Section 28) £4 : 0 : 0 23/81 1895  
 Special Damage Fee (per Section 28) £ : 8 : 0  
 Travelling Expenses (if chargeable) £3 : 12 : 0 34/81 1895  
 Received by me, P. M. Salmon

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

\* State if Certificate is required.

Committee's Minute TUES. 27 AUG 1895

Assigned + L.M.C. 8. 95



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LON700-0237



Slight repairs to donkey boiler  
owing to wear & tear

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 shew through to the other side.

It is submitted that  
this vessel is eligible for  
THE RECORD + L.M.C. 8. 95.  
Donkey boiler requires to be recorded  
45 lbs.

26. 8. 95.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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