

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

(Received at London Office **TUES. 20 JUL 1893**)

Date of writing Report July 19 18 93 When handed in at Local Office Port of London  
 No. in Reg. Book 25 Survey held at London Date, First Survey July 14 Last Survey July 19 1893  
 on the Machinery of the Wood, Iron or Steel S.S. "McGAREL" Master Cary  
 Tonnage Gross 1431 Net 926 Vessel built at N. Shields By whom J. & W. Smith When 1883 Boilers, when made (Main) 1883 (Donkey) 1883  
 Registered Horse Power 150 Engines made at Newcastle Port London Voyage West Indies  
 No. of Main Boilers two Owners Strutton Sons & Co Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)  
 Steam Pressure in Main Boilers 80 lbs If Surveyed Afloat or in Dry Dock S. W. India Dock  
 in Donkey Boiler 50 lbs

Last Survey No. 5453 Port How Completion of B.S.  
 Particulars of Examination and Repairs (if any) of B.S.

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 dates and initials of any letters respecting this case.

CHARACTER * for Special Survey. Date of last Survey and of Periodical Surveys	Years Assigned when expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A.</u> <u>9.91.</u> <u>55. SHL. No. 1. 88</u>		<u>L.M.C.</u> <u>6.92.</u>

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 already examined.  
 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? No.  
 Did the Surveyor examine the Safety Valves of the Main Boiler? Yes.  
 At what pressure were they afterwards adjusted under steam? 80 lbs per sq.  
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes.  
 To what pressure were they afterwards adjusted? 50 lbs per sq.  
 If the Survey is not complete state what arrangements have been made for its completion? Completed.

Examined Donkey boiler internally & externally & safety valves, found two patches at bottom of furnace seams corroded & leaking, these patches were cut off & renewed. The boiler was otherwise in good condition.  
All the boilers were afterwards seen under steam & the safety valves adjusted to their respective working pressures.

No 3 pt. held app. as prepared for about 9 weeks.

General Observations, Opinion, and Recommendation:— This vessel's boilers are now in good condition & in my opinion the vessel is eligible to remain as classed & have record B.S. 7.93. as recommended in London report No. 54564

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

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

\*State if Certificate is required  
 Committee's Minute TUES. 25 JUL 1893  
 Assigned 287, 93

FRI 27 OCT 1893



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

\*Certificate to be sent to

14-LRFE—Form No. 9—Transfer Ink—10/000, 20/1/93.  
 (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.

It is submitted that  
this vessel is eligible for  
THE RECORD BS 7.93-

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.

on account of wear & tear  
minor repairs have been  
done to the donkey  
boiler —

21/7/93 —



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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.