

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

TUES 10 NOV 1896

(Received at London Office)

Date of writing Report 7<sup>th</sup> Nov 1896. When handed in at Local Office 7<sup>th</sup> Nov 1896. Port of London.

No. in Reg. Book. Survey held at London. Date, First Survey 2<sup>nd</sup> Nov Last Survey 4<sup>th</sup> Nov 1896

1080 on the Machinery of the Wood, Iron or Steel T. J. Arena. Master J. J. J. J.

Tonnage { Gross 739 Net 426 Vessel built at Sunderland By whom Davison & Co. When 1873

Registered Horse Power 108 Engines made at H. J. J. J. When '85 Boilers, when made (Main) '85 (Donkey) '93

No. of Main Boilers 1 Owners R. M. J. J. Port Nadderalla Voyage Nadderalla

No. of Donkey Boilers 1 Steam Pressure 150 lb If Surveyed Afloat or in Dry Dock Afloat in Surrey

in Main Boilers 150 lb in Donkey Boilers 70 (State name of Dock.)

Last Survey No. 570 Port London

Particulars of Examination and Repairs (if any) 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.)

Particulars of Classification <i>(which must be inserted precisely as in Register Book &amp; Supplements).</i>		
CHARACTER. * For Special Survey. Date of last Survey and of Periodical Surveys.	Years Assessed now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+ 90 A1 5-96		- Luc 8-93
55. Nvic 10-3 10-86		
1-1901-10-2 '93		BS- 9-98

Did the Surveyor personally go inside 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? 150 lb

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes.

To what pressure were they afterwards adjusted? 65 lb

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? Complete

Now done: - Main Boiler examined throughout. Slight corrosion observed in various screwed stays but this Boiler is still generally in satisfactory condition. Donkey Boiler examined and now found in good order.

## 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. 9,95, B.&M.S. 9,95 or L.M.C. 9,95, 140 lb., F.D., &c.)

The Machinery of this vessel is in good condition and in my opinion eligible to remain as classed with fresh record of B.S. 11-96.

Office or Registration Fee (per Sec. 27)	£ 1 : 10	Fees applied for	11/11 1896
Survey Fee (per Section 28)	£ 1 : 10	Received by me,	16-11 1896
Special Damage Fee (per Section 28)	£ 1 : 7 : 0		
Travelling Expenses (if chargeable)	£ 1 : 7 : 0		

\*State if Certificate is required ✓

Committee's Minute FRI 13 NOV 1896

Assigned R. J. J. J.

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



LON711-0005



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.

*It is submitted that  
this vessel is eligible for  
THE RECORD. B.S. 11.96.*

*R.L.  
11/11/96.*

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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