

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

(Received at London Office)

FRI MAY 22 1896

Date of writing Report 21 May 1896 When handed in at Local Office 21 May 1896 Port of London

No. in Reg. Book 1063 Survey held at London Date, First Survey 21 May Last Survey 20 May 1896

on the Machinery of the Wood, Iron or Steel S.S. Arena Master Sequer

Tonnage Gross 759 Net 426 Vessel built at Sumnerland By whom Division 060 When 1873 9

Registered Horse Power 108 Engines made at N. de When 18 Boilers, when made (Main) 85 (Donkey) 93

No. of Main Boilers 1 Owners R. M. Hornburn Port Madras Voyage Madras

No. of Donkey Boilers 1 Steam Pressure— in Main Boilers 150 lb If Surveyed Afloat or in Dry Dock in Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boilers 70

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

Particulars of Examination and Repairs (if any) which in Dry Dock

(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 As now expired.	Machinery and Boiler Surveys (Including date of N.B., if any).
<u>Aug 01. 5.95</u>		<u>L.M.C. 8.93</u>
<u>55. Dec. 13. 095</u>		<u>08. 7.95</u>
<u>55. Dec. 14. 95</u>		

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?

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

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

Woodwork, Propeller, Stern beam and all outside of hull  
of sea connections examined and found satisfactory.

## General Observations, Opinion, and Recommendation:—

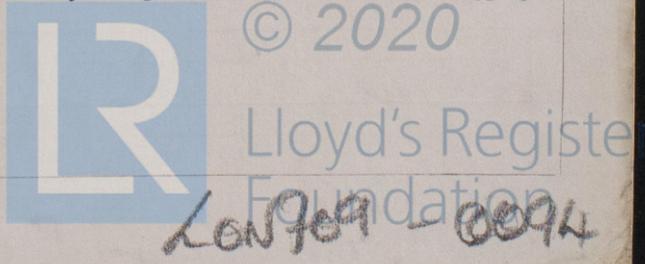
(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 0.95, B.&M.S. 0.95 or L.M.C. 0.95, 140 lb., F.D., &c.)

The machinery of this vessel is in good order so far as now seen and in my opinion eligible to remain as classed withou fresh record.

	£	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)				18
Received by me,				

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

Committee's Minute TUES. MAY 26 1896  
Assigned as now.



Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

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

