

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

(Received at London Office) **TUES. 29 AUG 1899**

Date of writing Report *28 Mgt 1899* When handed in at Local Office *28 Mgt 1899* Port of *London*
 No. in Reg. Book. *241* Survey held at *London* Date, First Survey *22 Mgt 1899* Last Survey *22 Mgt 1899*
 on the Machinery of the *Wood, Iron or Steel* *S.S. Arena* Master

Tonnage Gross *739* Net *426* Vessel built at *Amsterdam* By whom *Dariusz Sons* When *1873* 9
 Registered Horse Power *108* Engines made at *Hijckel* When *'85* Boilers, when made (Main) *'85* (Donkey) *'93*
 No. of Main Boilers *1* Owner *A. M. Norburn* Port *Nederwalla* Voyage *Nederwalla*
 No. of Donkey Boilers *1* Steam Pressure in Main Boilers *150 lb* of Surveyed Afloat or in Dry Dock *at water in E. Dock.* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER.	Assigned	Machinery and Boiler
for Special Survey.	how	Surveys
Date of last Survey and of Periodical Surveys.	often	(including date of N.B., if any).

Last Survey No. *61006* Port *London*
 Particulars of Examination and Repairs (if any) *B.S. in part + 90 A. 15.99. L.M.C. 2.99.*

(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.)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *yes.*
 Do. " Donkey " " " *no.*
 If this was not done, state for what reasons? *Letter at work.*

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* To what pressure were they afterwards adjusted under steam? *not adj.*
 Did the Surveyor examine the Safety Valves of Donkey Boiler? *no* To what pressure were they afterwards adjusted under steam? *not adj.*

Has the propeller shaft been drawn and examined at this time? *no* If spare propeller shaft fitted, state whether new? *✓*

State the distance between lignum vitae of stern bush and top of after bearing of screw, shaft? *✓*

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done *On vessel, next return to the W. R. Donkey Boilers & its Safety Valves to be examined and all Safety Valves to be adjusted under steam. Downer, advised how done. Main Boiler examined throughout and all parts found to be in satisfactory condition.*

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. 9,07, B.&M.S. 9,07 or L.M.C. 9,07, 110 lb., &c.)
The machinery of this vessel as now seen is in good order and in my opinion eligible to remain as classed with fresh record of B.S. - 8.99. When this survey is completed.

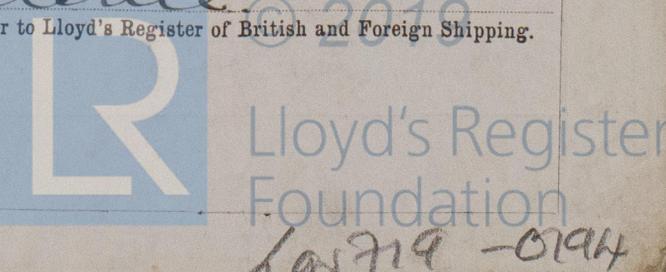
Office or Registration Fee (per Sec. 27)..... £
 Survey Fee (per Section 28)..... £ *1.10*
 Special Damage Fee (per Section 28)..... £ *3.*
 Travelling Expenses (if chargeable)..... £ *1.7.*

Fees applied for *29/8/99*
 Received by me, *8/9 18 99*

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

State if Certificate is required
 Committee's Minute *for* **FRI. 1 SEP 1899** **FRI. SEP 15 1899**

Assigned *Deferred for comp. of B.S.*



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.

*Certificate to be sent to

B.S. No. 6.99 To be completed on
the return of the vessel to the U.K.
Main boiler examined.

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 to cause it to show through to the other side.

It is submitted that this
vessel WILL BE eligible for
the record. B.S. 8.99 when the
Donkey boiler & its safety
valves have been examined
and all safety valves
have been adjusted
under steam.

MSD
29/8/99

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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