

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

(Received at London Office) SAT. 4 FEB 1893

Date of writing Report *Feb 3* 18 *93* - When handed in at Local Office is *London* Port of *London*

No. in Reg. Book. *263* Survey held at *London* Date, First Survey *Jan 17<sup>th</sup>* Last Survey *Jan 27<sup>th</sup>* 1893.  
on the Machinery of the *Wood, Iron or Steel* *S.S. "SARGASSO"* Master *Harris* (No. of Visits *four*)

Tonnage Gross *1444* Net *927* Vessel built at *Glasgow* By whom *J. & G. Thompson* When *1883* Boilers, when made (Main) *1883* (Donkey) *1883*

Registered Horse Power *120* Engines made at *London* Owners *Scrutton, Sons & Co* Port *London* Voyage *West Indies*

No. of Main Boilers *one* Steam Pressure in Main Boilers *90 lbs* If Surveyed Afloat or in Dry Dock *S.W. India Docks & London Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>100.A.1</i>	<i>1-90 6-92</i>	<i>L.M.C 3-88</i>
<i>SS.BRS. 704-88.</i>	<i>2-92</i>	<i>B.S. 7-90</i>

Last Survey No. *3158* Port *London* Particulars of Examination and Repairs (if any) *Damage & B.S.*

(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 " " " *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? *Yes*

Did the Surveyor examine the Safety Valves of the Main Boiler? *Yes*

At what pressure were they afterwards adjusted under steam? *90 lbs per sq*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes*

To what pressure were they afterwards adjusted? *60 lbs.*

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

*Examined Main & Donkey Boilers internally & externally & Safety Valves; all found to be in good condition; the boilers were afterwards seen under steam & the safety valves adjusted to lift at 90 lbs & 60 lbs respectively.*

*Examined High pressure Cylinder, which was found to be cracked on after side. A patch about 24" square was pinned over the crack & the patch was supported by a stay 2" in dia: to side of L.P. Valve chest; the cylinder was bored out & a liner (metal 1/2 thick) was fitted in & the piston reduced in diameter to suit. New brasses were fitted in H.P. Crosshead bearings.*

*The owners intend on vessel's return from present voyage to fit a new H.P. Cylinder. (in about three months time)*

*The present diameter of the H.P. Cylinder is 28 1/2"*

General Observations, Opinion, and Recommendation: *The vessel's machinery is now*

(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: (thus, for example, B.S. 0,02, B.E.M.S. 0,02 or L.M.C. 0,02, as the case may be.)

*as far as seen in good condition & in our opinion the vessel is eligible to remain as classed & have notification B.S. 1.93 recorded in the Register Book*

Office or Registration Fee (per Sec. 27) £ : : Fees applied for *4/21 18 93*

Survey Fee (per Section 28) £ *1 10 0* Received by me, *2/12/ 93*

Special Damage Fee (per Section 28) £ *2 2 0*

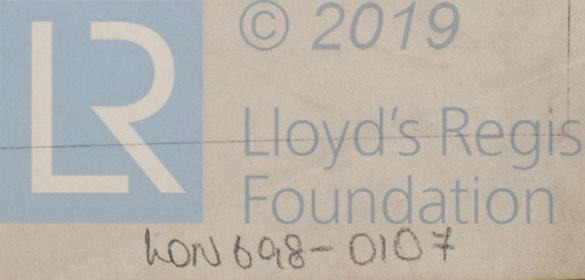
Travelling Expenses (if chargeable) £ : :

\*State if Certificate is required

Committee's Minute *FRI 10 FEB 1893*

Assigned *B.S. 1.93*

*Note Cy.*



No State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

\*Certificate to be sent to. (The Surveyors are requested not to write on or before 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

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.

THE RECORD 128.1.93

On account of a crack in  
the H.P. Cylinder a patch  
and a liner have been  
fitted.

The diameter of the H.P.  
Cylinder should now  
be recorded at 28 1/2

C.W.S.

7.2.93

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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