

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

(Received at London Office SAT. JAN. 20. 1912)

Date of writing Report 19th Jan 1912 When handed in at Local Office 19th Jan 1912 Port of BARRY

No. in Reg. Book 2 supp. Survey held at Barry Date, First Survey and Last Survey 13th Jan 1912

Machinery of the Wood, Iron or Steel SS. "Helvetia" Master J. Bonnell (No. of Visits one)

Tonnage Gross 4937 Net 2719 Vessel built at Newcastle By whom Armstrong, Whitworth & Co. Ltd. When 1911-5

Registered Horse Power 480 Engines made at Lunderland By whom G. Clark, Ltd. When 1911

No. of Main Boilers 3 Boilers, when made (Main) 1911 (Donkey) ✓

No. of Donkey Boilers 1 Owners (W. Lowden & Co. Ings) Port Liverpool Voyage Rio de Janeiro

Steam Pressure in Main Boilers 180 lbs If Surveyed Afloat or in Dry Dock Commercial Particulars of Classification (which must be inserted precisely as in Register Book & Supplements.)

in Donkey Boilers ✓

CHARACTER. * For Special Survey. * Date of last Survey and of Periodical Surveys.	Years allowed to elapse.	Machinery and Boiler Surveys (including date of N.B., if any).
+100 A.I.		+L.M.C. 4-11.
5-11.		

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any) Damage.

(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.)

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined? yes, not reqd. Was a damage report made by anyone else? If so, by whom? Sal: Cos.

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? BS not due.

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? ✓ To 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 under steam? ✓

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? ✓, and of the Donkey Boiler? ✓

Did the Surveyor examine the drain plugs of the Main Boilers? ✓, and of the Donkey Boiler? ✓

Did the Surveyor examine all the mountings of the Main Boilers? ✓, and of the Donkey Boiler? ✓

Has screw shaft now been drawn and examined? yes. Is it fitted with continuous liner? yes or two liners? ✓ or is it without liners? ✓

Has shaft now been changed? no. If so, state reasons Found in good order.

Is the shaft now fitted new? ✓ Has it a continuous liner? ✓ or two liners? ✓ or is it without liners? ✓

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? 1/8"

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete

Damage stated to have been caused by grounding at Savannah.

Now done :- Vessel placed in dry dock.

Tail shaft and Sea-cock examined, found in good order.

Propeller fastenings & openings satisfactory.

General Observations, Opinion, and Recommendation:— The Machinery as now seen is in good order, eligible in my opinion to remain as classed, and have fresh record of Tail shaft last seen, 1.12. in the Register book.

Survey Fee (per Section 28) £ : : Fee applied for 19

Special Damage or Repair Fee (if any) £ : : Received by me, 19

Travelling Expenses (if chargeable) £ : :

J. G. MacKillop
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute _____ TUE. JAN. 23. 1912

Assigned _____



THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

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

Is a Certificate required? If so, to be sent to _____

grounding damage
screw shaft & sea cond exam^t.

It is submitted that
this vessel is eligible to
remain as UNCLASSIFIED.

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.

(a)
70.1.12

S. 1.12

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