

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

(Received at London Office)

Date of writing Report 21-4-19 When handed in at Local Office 21-4-19 Port of Bilbao
 No. in Reg. Book. 543 Survey held at Bilbao Date, First Survey 9-4-19 Last Survey 9-4-19
 on the Machinery of the Wood, Iron or Steel SS "GLORIA" Master FELIPE BASAURI
 Tonnage { Gross 284 Vessel built at Gijon By whom ASTILLEROS DE RIERA When 1919
 { Net 118 Engines made at BARCELONA By whom Converted into marine When ✓
 Registered Horse Power 140 Boilers, when made (Main) 1918 (Donkey) Type ✓
 No. of Main Boilers 1 Owners MACLENNAN E YBARGARAI Port Bilbao Voyage coasting
 No. of Donkey Boilers ✓ If Surveyed Afloat or in Dry Dock afloat
 Steam Pressure in Main Boilers 130 lb (State name of Dock.) ✓
 in Donkey Boilers ✓

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.	Year Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>Contemplated</u>		<u>Class</u>
<u>not yet assigned</u>		

Last Report No. 5321 Port Bilbao

Particulars of Examination and Repairs (if any) Condenser stiffeners

Periodical Surveys, when held, must be reported in detail and verbatim 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 summarized at the end of the report. State also the dates and initials of any letters respecting this case. E 26-2-19

- Is 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? Was a damage report made by anyone else? If so, by whom?
- 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? 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? Is it fitted with continuous liner? or two liners? or is it without liners?
- Has shaft now been changed? If so, state reasons
- Has 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?

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

The condenser of this vessel now has been tested under 20 lbs per sq" after fitting the 2 outside angle stiffeners spaced 20 inches apart and same found tight and satisfactory.

General Observations, Opinion, and Recommendation:— The machinery of this vessel
 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. 9,11, B.&M.S. 9,11, or L.M.C. 9,11, 140 lb, F.D., &c.)
Eligible in my opinion to have notation of MS 1-19
and NB 1-19

Survey Fee (per Section 89) 75
 Special Damage or Repair Fee (if any) 0
 Travelling Expenses (if chargeable) 8
 Fees applied for 22-4-19
 Received by me, 19

A. de Rarero

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. MAY 6 - 1919

Signed L. M.C. 1-19

MACHINERY CERTIFICATE

009570-009579-0051

this office

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

