

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

(Received at London Office TUE. APR. 6 1920)

Date of writing Report 27 March 20 When handed in at Local Office 10 Port of Gibraltar

No. in Reg. Book. 31229 Survey held at Gibraltar Date, First Survey 17/3/20 Last Survey 19/3 1920

31229 on the Machinery of the Wood, Iron or Steel S. S. Antonio Master Munoz

Tonnage Gross 2343 Vessel built at Pt. Coquitlam, B.C. By whom Pacific Construction When 1918 11

Net 1441 Engines made at Seattle By whom Puget Sound Works When 1918

Boilers 2 Boilers, when made (Main) 1918 (Donkey) Donkey

Boilers 200 Owners N. Galanos Port Andros Voyage

Boilers 200 If Surveyed Afloat or in Dry Dock (state name of Dock.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. X for Special Survey, Date of last Survey and of Periodical Surveys.	Years Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+ 12 A 1		L M C
57 19		3-19
Salted		WITBRS

Port No. 1914 Port Per  
Classes of Examination and Repairs (if any)

Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on damage (the cause of which must be stated) should be separated from Repairs due to other causes; and any detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

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 not accepted? Was a damage report made by anyone else? If so, by whom?

Did you personally go inside each Main Boiler separately and make a thorough examination at this time?

Do you personally go inside each Donkey Boiler separately and make a thorough examination at this time?

What, if any, repairs were done, state for what reasons?

Were any parts of the Boilers could not be thus thoroughly examined?

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 you examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?

Did you examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?

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

Did you examine the drain plugs of the Main Boilers? and of the Donkey Boiler?

Did you examine all the mountings of the Main Boilers? and of the Donkey Boiler?

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

Has the screw shaft now been changed? If so, state reasons

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

What is the distance between lignum vitae of stern bush and top of after bearing of screw shaft?

Is the screw shaft complete? If not complete state what arrangements have been made for its completion and what remains to be done?

6 tubes in the Starboard Boiler were badly bulged

5 have been removed and replaced by spare tubes

1 tube has been plugged

The boiler was finally satisfactorily tested under water pressure

20 spare plugs were made and supplied to the ship

### 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, 11, E.&M.S. 9, 11, or L.M.C. 9, 11, 140 lb., &c.)

Recommended that this vessel should be continued as now classed

Fee (per Section 28) £ 8.6.0 Fees applied for 19/3 1920

Damage or Repair Fee (if any) (per Section 28.) £

Printing Expenses (if chargeable) £

Received by me, 22/3 1920

TUE. APR. 13 1920

Committee's Minute

Assigned

Asnow

subject

Andrew J. Stephens 2020  
Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

W 977-0098

5 tubes in Steam boiler renewed & one plugged

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.

B. F. due 3.20 no arrangements

It is submitted that this vessel is eligible to remain as **CLASSED**.  
Subject to the Water Tube Boilers being surveyed annually.  
Survey due 3.20

*[Signature]*  
8/4/20

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.