

REPORT OF SURVEY FOR REPAIRS &c. OF ENGINES AND BOILERS

4565

Date of writing 12/7/49
 No. in Survey 60930
 Santos & Rio de Janeiro
 "GUARARA"
 17/10/48
 Rio de Janeiro
 27/5/49
 Surveyor in Santos-3
 from Rio office.
 Year 1919-1
 When
 R. Cork & Sons, Ltd.
 Plenty & Son, Ltd.
 Empreza Internacional de Transportes, Ltda.
 Both
 Afloat Santos & Rio
 & S. Cruz dock - Rio

Particulars of Classification (which must be inserted in the Register Book as in the Register Book)
 100AI 4,47
 LMC 2,45
 BS 4,47
 CL 3,47
 ssRio 2nd No. 3-2/45
 Cargo battens not fitted.

Particulars of Examination and Repairs (if any) View to LMC and Installing New Engines
 Damage report made by Surveyor? If so, by whom?
 Is Surveyor personally to make each Main Boiler separately and make thorough examination of this time?
 State for what reasons?
 Special means in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of these parts of each Boiler?
 State date of internal examination of each boiler

Surveyor examine the Safety Valves of the Main Boilers?
 To what pressure were they afterwards adjusted under steam?
 Surveyor examine the Safety Valves of the Donkey Boilers?
 To what pressure were they afterwards adjusted under steam?
 Surveyor examine the manholes, doors and their fastenings of the Main Boilers?
 and of the Donkey Boilers?
 Surveyor examine the drain plugs of the Main Boilers?
 and of the Donkey Boilers?
 Surveyor examine all the mountings of the Main Boilers?
 and of the Donkey Boilers?

Has it a continuous liner?
 Is an approved oil retaining appliance fitted at the after end?
 Has the shaft now fitted been previously used?
 Has it a continuous liner?
 State date of examination of Screw Shaft
 State the wear shown in the

Is electric light and/or power fitted?
 If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?
 Union resistance of the generator, circuits and apparatus been tested and found to be not less than 100,000 ohms?
 Engine parts, when referred to by numbers, should be counted from forward.

Where and when tested?
 Superintendent.
 moved from the vessel and replaced by a 480 B.H.P. Diesel Engine supplied by Messrs Fairbanks
 C2. - 8 cyl. 2-cycle. 8 1/2" x 11 1/2". A certificate for this engine has been issued by
 ican Bureau of Shipping. The following auxiliary machinery has been installed for which
 ficates have been supplied. Air Receivers, Auxiliary Diesel, driving a dynamo and air comp-
 Dynamo belt driven from main engine, Motor driven Bilge pump and General Service and Ballast
 rce of supply of air piping not obtained. Separate side bunker and separate bottom settling
 lt by the owners without submission of plans. Seatings for auxiliaries and tanks made and
 the owners, without the preparation of plans. The workmanship throughout is very poor, and
 applies to the supply and fitting of a new switchboard and a complete new wiring system.
 ure from the rules in all these matters has been continuously pointed out to the owners

Commencement of the work in October last, in Santos. On the occasion of each protest the
 representative stated that he would meet all the requests put forward and finally he agreed
 the vessel to Rio and put the work into the hands of a reputable shipyard. The vessel was
 p.t.o.

ations, Opinion, and Recommendation. The machinery of this vessel is not eligible, in my
 what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon the survey, and also any alteration required
 made in the records of the vessel's machinery, boilers, working pressure, &c.; that, for example, 25 1/2, 20 1/2, 21 1/2 or 21 1/2 1/2, 22, &c.

have this Society's Certificate and it is recommended, on the Report 8, that the Character
 from the Register Book.

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

3.000,00
 900,00
 And L. Agents fee in Santos charged separately.
 FRI. 22 JUL 1949

Received by me,
 12/7/49
 19

Engineer Surveyor to Lloyd's Register of Shipping.
 for Self and Gaston Lee acting on behalf of

Lloyd's Register Foundation
 007967-007976-0189

brought to this port on the 20th May, examined in drydock and left at anchor pending arrangements being made for the completion of the work to this Society's Requirements. The owners have now written stating that they wish the Class of the vessel to be withdrawn, as per letter to the Secretary from this office dated 11/7/49.



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