

PORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

9 / 12 / 54 9 / 12 / 54 Rio de Janeiro 15 DEC 1954
Survey held at Rio de Janeiro Date Final Survey 15/11/1954 Last Survey 9 / 12 / 54

on the Machinery of the Wood Iron or Steel "CAMBOINHAS"
Gross 1129 Vessel built at Sunderland By whom Sunderland S. B. Co. Ltd. When 1913-imo.
Net 2557 Engines made at Sunderland By whom N.E. Marine Eng. Co. Ltd. When 1913-imo.
341 Boilers, when made (Atain) (Donkey)
Owners Cia. Navegação e Comércio Pan-American Owners' Address
Managers - Port Pernambuco Voyage
If Surveyed Afloat or in Dry Dock Drydock
Dique Rio de Janeiro
Particulars of Classification (which must be inserted precisely as in Register Book for Shipments)

CHARACTER	THICKNESS	MAINTENANCE
For Special Survey, Date of last Survey and of Periodical Surveys	MAINTENANCE	Machinery and Boiler Surveys (including date of N.B. Survey)
+100A1 - 1,53		+LMC 8,51
Reclassified 1,53		BS 1,53
ssRio. -8,51 (Dr.)		TS CL 7,51

Class of Examination and Repairs (if any) Boiler Survey, Dkg. T.S.
Where the Surveyor has not made a special damage report he is required to state whether he offered his assistance for this purpose, and why they were declined.
Where report made by anyone else? If so, by whom?
Surveyor particularly to examine each Main Boiler separately and make a thorough examination at this time? yes
Donkey
For what reasons? What parts of the Boilers could not be thoroughly examined?
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?
Date of internal examination of each boiler 26.11.54
Surveyor examine the Safety Valves of the Main Boilers? yes To what pressure were they afterwards adjusted under steam? 180lbs.
Surveyor examine the Safety Valves of the Donkey Boilers? To what pressure were they afterwards adjusted under steam?
Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes and of the Donkey Boilers?
Surveyor examine the drum plugs of the Main Boilers? and of the Donkey Boilers?
Surveyor examine all the mountings of the Main Boilers? yes and of the Donkey Boilers?
Have shafts been drawn and examined? yes Has it a continuous liner? yes Is an approved oil retaining appliance fitted at the after end? no
Have such changes? no If so, state reasons Has the shaft now fitted been previously used? Has it a continuous liner?
Have oil retaining appliances fitted at the after end? State date of examination of Screw Shaft 22.11.54 State the wear down in the shaft 1/16"
Is electric light and/or power fitted? If so, did the Surveyor examine the generators, motors, switchgear cables and fuses?
Insulating resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?
Is the machinery of the vessel complete, state what arrangements have been made for its completion and what remains to be done Complete.
Now Done. Vessel in drydock. Examined propeller, screwshaft (drawn inboard), sternbush, sea cocks and valves and all outside fastenings of underwater fittings.
Both boilers examined internally and externally complete with safety valves, doors, mountings, rolling chocks, boilers stools and collision chocks. Boilers examined under steam and the safety valves adjusted to the above stated pressure.
Repairs for Wear and Tear. Boiler mountings overhauled. 5 tubes in stard. boiler port nest renewed. Screwshaft liner dressed up at the aft end.

Observations, Opinion, and Recommendation:—
The machinery of this vessel is eligible, in my opinion, to be continued as classed with fresh record of BS 12.54 and Shaft seen (CL) 11.54.

2.800,00 Fee applied for, 9.12.54
400,00 Received by me, 12.
TUESDAY - 4 JAN 1955
BS 12,54
S. 11,54
M. Caldwell
Engineer Surveyor to Lloyd's Register of Shipping.
Lloyd's Register Foundation
011280-011293-0079

BS due 1.54 pt. bell 2.54 now
completely reheld. Docking
Screwshaft down & ex'd; lines
dressed up & a few hitches secured
in starboard hooter.

*It is submitted that this
vessel is eligible for THE
RECORD* BS 12.54

S 11.54

ltt / 2-9

24 DEC 1954



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