

DISCLOSED  
SECTION  
No.

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SECTION  
No.

-8 JAN 1962

Rpt. 9

Date of writing report 14th. December, 1961  
Survey held at Rio de Janeiro

Received London

No. of visits 5

Port Rio de Janeiro

No. 8195

First date 30th. Novem. Last date 14th. December, 1961.

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 29720 SS. Name M.V. "SANTA CECILIA" Gross tons 483 Date of build 1875  
Owners Transportes Maritimos 1001 Ltda Managers - Port of Registry Rio de Janeiro  
Engines made Fkn By Alpha-Diesel A/S Type Oil Engine  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers - W.P. -  
No. of Aux./Donkey Boilers - W.P. -  
Surveyed Afloat or in Dry Dock Both  
Nature of Survey Dkg. & T.S.  
Was Damage Report issued? no Int. Cert.? yes  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
100A1	LMC 8/59
Classed 10/51	NE 8/59
SS 8/59	TS 8/59Nb
DS 8/59	

Yes

Now

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination, a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers Good Wear Down of Stern Bushes Good fit Oil Glands None Sea Connections =  
Fastenings Good Has Screwshaft/Torque been drawn? yes Date of Examination 11:12:61 Has Shaft been changed? no  
Has Shaft now fitted been previously used? Has Shaft now examined and a continuous liner? no Approved oil gland? no

MAIN ENGINES (Recip. Steam or I.C.)

NOBT

NOBT

1 Cyls., Covers, Pistons & Rods

2 Valves & Gears

3 Connecting Rods, Top Ends & Guides Side  
Centre

4 Crankpins & Bearings Side  
Centre

5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? no

OPINION OF MACHINERY AND RECOMMENDATIONS

Eligible, in my opinion, to be reclassified L.M.C. and to have notation of T.S. b. 12,61.

Date of Committee

Decision

TS (b) 12.61



32 Essential Independent Pumps (Identify by position).....  
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....  
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?.....  
35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service).....  
38 Independent Air Compressors, Coolers & Safety Devices.....  
39 Air Receivers & Safety Devices—Main..... 40 Auxiliary.....  
41 Oil Fuel Tanks (Not forming part of hull structure).....  
42 Evaporators..... 43 Have Evaporator Safety Valves been tested under steam?.....  
44 Steering Machinery..... 45 Windlass..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....  
.....  
.....

PROPULSION		ELECTRICAL EQUIPMENT	
		PORT	STARBOARD
a	Generators		
b	Exciters		
c	Air Coolers		
d	Motors		
e	Air Coolers		
f	Control Gear, Cables, etc.		
g	Insulation Resistance		
h	Insulating Oil Test		
i	Overspeed Governors		
j	Magnetic Couplings		
k	Air Gap		
		AUXILIARY EQUIPMENT	
		l	Generators & Governors
		m	Motors
		n	Switchboards & Fittings
		o	Circuit Breakers
		p	Cables
		q	Insulation Resistance
		r	Steering Gear Generators and Motors
		s	Navigation Light Indicators

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN	AUXILIARY, DONKEY or PRESS
Superheaters	
Safety Valves	
Mountings, Doors & Fastenings	
Safety Valves Adjusted to { Sat. Spt.	
Boiler Securing Arrangements	
Main Economisers	Exhaust Gas Heated Economisers
Steam Heated Steam Generators	Steam Generator Safety Valves Adjusted to
Were Oil Burning System & Remote Controls examined working in accordance with Rules?	Forced Circulating Pumps
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?	Funnel

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main	Auxiliary (over 3 in. bore)
Were Copper Pipes annealed?	Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

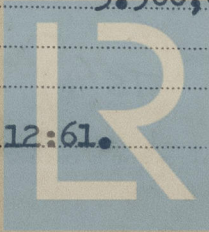
NOW DONE REPAIRS W.& T. Opportunity was taken by Owners to withdraw screwshaft for examination in expectation ship may not be docked until 1,63 White metal sternbushes found worn & now remetalled. Screwshaft removed to workshop and given slight skimming in lathe. Lubrication arrangements to stern-bush now improved as ship is without approved oil gland. (Screwshaft bronze and notation of T.S. b. 12,61 now recommended).

It is submitted that ship may have condition of "Class Suspended" removed & reclassified L.M.C. in view of the satisfactory drydocking now held.

LEAVE THIS SPACE BLANK

Survey fees T.S.& Rprs, 15.000,00  
Expenses... 3.500,00

Date when A/c rendered 14:12:61.



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