

Rpt. 9

Date of writing report 15-3-60

Received London

Port Rio de Janeiro

No. 7548

Survey held at Rio de Janeiro

No. of visits 11

First date 27-1-60

Last date 3-3-60

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 23162 Name S.S. "NAVEM MONICA"

Gross tons 2895 Date of build 4-1945

Owners Navegação Mercantil S/A

Managers

Port of Registry Rio de Janeiro

Engines made Three By Canada Iron Foundries Ltd

Type T. 3 Cyl.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 2 W.P. 200 lbs

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Both

Nature of Survey D.K.G., B.S. & Mod. E.S.

Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only)

Hull	Machinery
+100A1 SS 9/54	+LMC 9/54
DS 8/58	MBS 8/58
Reclassified 10/54	TS CL 8/58
CLASS SUSPENDED	SPS 9/54
SURVEYS OVERDUE	9/59

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.

Yes Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

DOCKING Propellers Good Wear Down of Stern Bushes 5/32" Oil Glands None Sea Connections Good

Fastenings Good Has Screwshaft Tubeshaft been drawn? No Date of Examination Has Shaft been changed?

Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? Approved oil gland?

MAIN ENGINES (Recip. Steam) PORT MAIN ENGINE STARBOARD

1 Cyls., Covers, Pistons & Rods GOOD

2 Valves & Gears GOOD

3 Connecting Rods, Top Ends & Guides Centre GOOD

4 Crankpins & Bearings Centre GOOD

5 Journals & Bearings GOOD

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

SCAVENGE BLOWERS

16 SUPERCHARGERS

MAIN TURBINES

17 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

18 STEAM COMPRESSORS

19 CLUTCHES & HYDRAULIC COUPLINGS

20 REDUCTION GEARING

21 THRUST BLOCKS, SHAFTS & BEARINGS GOOD

22 INTERMEDIATE SHAFTS & BEARINGS GOOD

23 HOLDING DOWN BOLTS & CHOCKS GOOD

24 CONDENSERS (MAIN & AUX) (tested) GOOD

25 STEAM RE-HEATERS

26 DE-SUPERHEATERS

27 STOP & MANOEUVRING VALVES GOOD

28 MAIN ENGINE DRIVEN PUMPS GOOD

29 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

30 Have Main Engines been tested working and manoeuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS

The Machinery of this ship is in good condition and

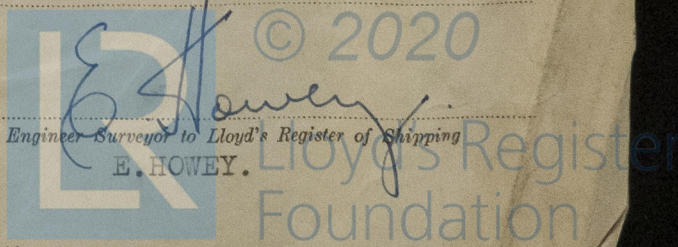
eligible, in my opinion, to be re-classed in the Register Book with fresh records of

M.B.S. 3,60; E.S. (MODIFIED) 3,60; and S.P.S. 3,60.

Date of Committee THURSDAY 23 JUN 1960

Decision E 3360 MBS 360 SPS 360

40m. 3.58 T. (MADE AND PRINTED IN ENGLAND.)



008533-008540-0142

32 Essential Independent Pumps (Identify by position) All Good
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls. All Good
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes
35 Fresh Water Coolers None 36 Lub. Oil Coolers None 37 Heaters (state service) Feed & O.F. Good
38 Independent Air Compressors, Coolers & Safety Devices XXXXXX
39 Air Receivers & Safety devices Main XXXXXX
40 XXXXXX
41 Oil Fuel Tanks (Not forming part of hull structure) None
42 Evaporators Good 43 Have Evaporator Safety Valves been tested under steam? Yes
44 Steering Machinery Good 45 Windlass Good 46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position) Both steam dynamos Good

ELECTRICAL EQUIPMENT

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

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

MAIN P. & S. Good 18-2-60
Superheaters Good
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to Sat. 200 lbs/sq"
Spt. 200 lbs/sq"
Boiler Securing Arrangements Good
Main Economisers
X Steam Heated Steam Generators
Steam Generator Safety Valves Adjusted to Yes
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Yes
AUXILIARY, DONKEY or PRESS
Exhaust Gas Heated Economisers
Forced Circulating Pumps None
Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)

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

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)

H.P. cylinder & valve rings renewed, also valve spindle together with its neck ring & gland.
M.P. crank pin bearing remetalled.
All main bearings overhauled and adjusted.
P. & S. Boiler plain smoke tubes all renewed together with air heater tubes.

LEAVE THIS SPACE BLANK

Survey fees M.B.S. 31 16.000,00
E.S. 31 25.000,00

Damage fee ...

Expenses... (Rpt. S.)

Date when A/c rendered 15-3-60

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Lloyd's Register
Foundation