

REC'D NEW YORK SEP 27 1957

Rpt. 9

Date of writing report Sept. 25, 1957.

Received London 21 OCT 1957

Port Newport News, Va. No. 7718.

Survey held at Newport News, Va.

No. of visits Two

First date and Last date Sept. 24, 1957

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 27378 Name M.V. "SANTA MARINA"

Gross tons 7164 Date of build 1943 - 11

Owners Araucana Cia. Armadora S.A.

Port of Registry Panama

Engines made Tto. By John Inglis Co. Ltd.

Type Steam recip.

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. 250 psi.

Hull	Machinery
*100-A-1	*LMC. 3-52
SS. Bal. 1-53	Boilers 6-56
Docking 1-57	T.S.(CL) 1-57

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

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey MBS.

Was Damage Report issued? - Int. Cert.? Yes

Last Report (For Head Office, only)

76 89 MBS

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 - Wear Down of Stern Bushes - Oil Glands - Sea Connections -
 Fastenings - Has Screwshaft/Tubeshaft been drawn? - 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 or I.C.) PORT STARBOARD

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

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?
 OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel so far as now seen, is in good condition, and eligible in my opinion to remain as now classed, with fresh record of MBS. 8-57, when survey has been completed; subject to main engine No. 1 main main bearing being remetaled before completion of ES. as previously recommended.

Date of Committee NEW YORK OCT 2 1957
 Decision Defenses for Comp ET and MBS.

have: ES 3.57 } on completion
 MBS 8.57 }
 Write own re-comp means



7920-285210-996210

If certificate is required state where to be sent.



just.
 under working
 Surveyed the
 and that I will
 Shipping, London
 me in connection
 that I will Rec
 Survey Records
 and that her Ma
 subject to main
 completion of
 Parts now examin
 (C.S. Items only)

This Certificate is issued upon
 "While the Committee of
 properly executed, it is to be
 circumstances whatever to be
 its Surveyors or in any entry
 default or negligence of any of
 the Society."

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		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
a Generators.....			l Generators & Governors.....
b Exciters.....			m Motors.....
c Air Coolers.....			n Switchboards & Fittings.....
d Motors.....			o Circuit Breakers.....
e Air Coolers.....			p Cables.....
f Control Gear, Cables, etc.....			q Insulation Resistance.....
g Insulation Resistance.....			r Steering Gear Generators and Motors.....
h Insulating Oil Test.....			s Navigation Light Indicators.....
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 Starboard only (good) Sept. 24, 1957. AUXILIARY, DONKEY or PRESS.....

Superheaters Good.

Safety Valves Good.

Mountings, Doors & Fastenings Good.

Safety Valves Adjusted to { Sat. -
Spt. -

Boiler Securing Arrangements Good

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? No Forced Circulating Pumps -

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? - Funnel Good.

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 FOR MBS.

Starboard Boiler examined internally and externally over all parts, together with doors and fastenings and all found in good order.
Principal boiler mountings opened up, valves ground in, examined, found or placed in good order, covers re-jointed and glands re-packed.

Repairs Now Done:- Starboard boiler refractory repaired where found necessary.

Remaining to Complete Survey:-

Port and starboard boiler safety valves to adjust.
Fuel oil burning installation to examine under working conditions.

Survey fees \$50.00

Damage fee

Expenses... \$10.00

Date when A/c rendered..... Sept. 25th, 1957.



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23 OCT 1957

LEAVE THIS SPACE BLANK

Miss & complete on this report

advis. MBS

recommending

making survey