

Rpt. 9

Date of writing report 30/5/59

Received London

Port LA SPEZIA (GENOA)

No. 24235

Survey held at LA SPEZIA

No. of visits 5

First date 30/4/59

Last date 19/5/59

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 70625 Name S/S "MARISTRELLA" Gross tons 7952 Date of build 1921

Owners Maristrella Nav.S.A. Managers -- Port of Registry Monrovia

Engines made 1921 By John Cockerill, S.A. Type Q. 8Cy. 23" 33" 47" & 67" x 48"

No. of Main Engines 2 No. of Screws 2 Records of Survey & Special Notations as per Register Book

No. of Main Boilers 6 W.P. 215 lb.

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

Surveyed Afloat or in Dry Dock both

Nature of Survey DS-Rps- Gen. Exam.

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

Last Report (For Head Office only)

Table with columns for Hull and Machinery. Hull items include shelter dk, SS(dr), SS, and DS. Machinery items include LMC, ES, BS, TS CL, and SPS.

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.

Now If so, is the Report sent now, or when will it be sent?

DOCKING Propellers good Wear Down of Stern Bushes 4.5 mms. (p.&s.) Oil Glands -- 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 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

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 good good

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES good

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now surveyed, is in satisfactory condition and eligible to remain as now classed with fresh record of MBS 5/59.

proposal to postpone the ES until May 1960 is recommended to the favourable consideration of the Committee.

Date of Committee TUESDAY - 7 JUL 1959

Decision Deferred for ES with a/c MBS 5.59 without spl cdr (P. Cesari)

40m,358 T. (MADE AND PRINTED IN ENGLAND.)



005377 - 005386 - 0182

32 Essential Independent Pumps (Identify by position)

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls good

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 good 46 Fire Extinguishing Arrangements good

AUXILIARY ENGINES (Identify by position)

		ELECTRICAL EQUIPMENT	
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
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 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 All ex'd. AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves All = good

Mountings, Doors & Fastenings All = good

Safety Valves Adjusted to { Sat. All = 200 lbs/sq.in.
 Spt. -

Boiler Securing Arrangements All = 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? good Forced Circulating Pumps

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Yes = good Funnel efficient.

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)

W. & T. Repairs: only minor repairs now carried out.

Condition of Class: Reg. Prop. & after end of sternbushes to be specially ex'd by N.D.D.

Now found: After end of sternbush (p.&s.) in order. Port propeller in order. Starboard 3 bladed propeller (loose-bladed type); boss in order. (1st) blade slightly distorted and cracked (crack 4" long). (2nd) blade heavily distorted and part missing (12" x 33" at blading edge & 1" x 25" at following edge). (3rd) blade heavily distorted and cracked in 4 places.

Now done: (1st) blade satisfactorily repaired in place. (2nd) & (3rd) blades satisfactory renewed whilst boss in place using two new bronze spare blades existing on board. The two new blades (no test marks noted) were surface examined and found free from visible defects.

Now done Gen. Exam. p.&s. M.E. trust blocks, windlass & piping systems examined and Electrical plants megger tested and made good as found necessary.

It is submitted that the Owners' proposal to postpone ES until May, 1960 being favourably considered by the Society's Committee.

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Survey fees GEN. EXAM. = £ 17-3-0
 MBS = £ 68-12-0
 RPRS = £ 13-14-0

Damage fee ...
 Expenses... (See R/Rs)
 S.A.F. £ 10-17-0
 Date when A/c rendered 9/6/59

