

24 MAR 1959

Rpt. 9

Date of writing report 10.3.59

Received London

Port ROUEN

No. 1170

Survey held at ROUEN

No. of visits 2

First date 3.3.59

Last date 4.3.59

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 70396 Name M.V. MARIA LETIZIA G. Owners Gestioni Esercizio Navi Sicilia (G.E.N.S.) Gross tons 10488 Date of build 1944

Engines made 1944 By Elliot Co. Type Steam turbine connected to elec. motor & sc. shaft. Port of Registry Palermo

No. of Main Engines 1 No. of Screws 1 No. of Main Boilers 2 W.T.B. W.P. 500 Lbs. Spt. 474 Lbs. No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock afloat Nature of Survey class restriction

Was Damage Report issued? - Int. Cert.? Yes. Last Report (For Head Office only) 14604 H. HG

Table with columns for classification (L.M.C., E.S., M.B.S., T.S. C.L., S.P.S.) and values (8.58, 8.58, 8.58 (N), 9.57). Includes 'WRECK SECTION' stamp and 'Carrying petroleum in bulk. Fitted for oil fuel.'

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

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

19 STEAM COMPRESSORS

20 CLUTCHES & HYDRAULIC COUPLINGS

21 REDUCTION GEARING

22 THRUST BLOCKS, SHAFTS & BEARINGS

23 INTERMEDIATE SHAFTS & BEARINGS

24 HOLDING DOWN BOLTS & CHOCKS

25 CONDENSERS (MAIN & AUX.)

26 STEAM RE-HEATERS

27 DE-SUPERHEATERS

28 STOP & MANOEUVRING VALVES

29 MAIN ENGINE DRIVEN PUMPS

30 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this Vessel is eligible in my opinion to remain as classed subject to main generator air cooler tubes being renewed by the end of May 1959.

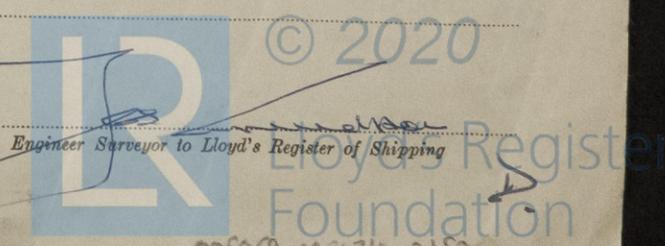
REGISTRO ITALIANO CERTIFICATE ENDORSEMENT Surveyed main generator air cooler recommended that the Vessel be continued in her present class until end of May 1959, when it is recommended that the tubes of main generator air cooler should be renewed.

Date of Committed THURSDAY 9 APR 1959

Decision As new subject

White Sen.

Noted for Header



- 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).....

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.....
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 ..... 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)

At the request of Owners' Representative attended on board for examination of main generator air cooler on account of recommended class restriction as per Hong Kong Surveyors Interim Certificate issued 12.12.58 "Main generator air cooler to be re-examined and dealt with by March 1959". An extension of limiting period until the end of May 1959 has been requested.

NOW DONE:- Main generator air cooler examined and found evidence of leakage passing expanded joints of tubes (salt deposits); 7 tubes have been blanked off with plugs at sometime previously several tubes have sagged and tube fins are distorted in way of intermediate supporting plate holes. The Cooler has now been hydraulically tested to 50 Lbs/sq" leakage arrested by expanding of tubes and where not affective 3 tubes have been blanked off with plugs. Vibration appears to be causing this leakage through disturbance of the expanded ends of the tubes and the cooler has been seated on a thick flexible rudder joint for damping effect.

Satisfactory arrangements for detecting leakage from the cooler have been arranged such as illuminated observation ports in cooler housing and observation glass at bottom of generator casing. The Generator has been examined and megger tested at this time and found clean and in good order.

It is submitted that Owners' request for extension of limit merits favourable consideration of the Committee.

For Fees see LR/RI slip attached.

Damage fee ... ..

Expenses... ..

Date when Alc rendered.....

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