

Rpt. 9

Date of writing report 23-7-55

Survey held at Barcelona

Received London 30 JUL 1955

No of visits 13

Port BARCELONA

First date 13-4-55

No. 6389

Last date 16-7-55

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 18986. 95766 S.S. Name M.V. "MARIA ROSA"

Owners Naval Agency Corp. S.A.

Gross tons 395 Date of build 1944-4

Engines made 1944 By British Auxiliaries Ltd.

Port of Registry Puerto Limon

No. of Main Engines 1 No of Screws 1

Type Oil engine

No. of Main Boilers W.P.

Records of Survey & Special Notations as per Register Book

No. of Aux./Dokey Boilers W.P.

Surveyed Afloat or in Dry Dock Both

Nature of Survey MBS

Was Damage Report Issued? Int. Cert.?

Last Report (For Head Office only)

Hull	Machinery
BS* 10,53	MBS* 6,51
SS.Nwc.6,51	MS 10,53
	TS 5,51 OG

Tanker - Oils F.P. below 150° F. For service in the Baltic & Mediterranean, also European Coasting including Great Britain & Ireland but nor North of 60° N. *Oil Eng*

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 **1 mm** Oil Glands **Good** Sea Connections **Good**
 Fastenings **Good** Has Screwshaft/Tubeshaft been drawn? **Yes** Date of Examination **22-5-55** Has Shaft been changed? **No**
 Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? **No** Approved oil gland? **Yes**

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

1 Cyls., Covers, Pistons & Rods **All good**

2 Valves & Gears **All good**

3 Connecting Rods, *Top Pins & Guides* & *gudgeon pins* { Side **All good**
Centre **All good**

4 Crankpins & Bearings { Side **All good**
Centre **All good**

5 Journals & Bearings **All good**

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods **All good**

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings **All good**

10 Safety Devices **All good**

ENGINE DRIVEN SCAVENGE PUMPS

Covers, Pistons & Rods **Good**

Connecting Rods & Top Ends **Good**

Crankpins & Bearings **Good**

Journals & Bearings **Good**

SCAVENGE BLOWERS

RECHARGERS

STEAM TURBINES

Basings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS **Good**

INTERMEDIATE SHAFTS & BEARINGS **Good**

HOLDING DOWN BOLTS & CHOCKS **Good**

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES **Good**

MAIN ENGINE DRIVEN PUMPS **Good**

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES **Good**

Have Main Engines been tested working and manoeuvring? **Yes**

OPINION OF MACHINERY AND RECOMMENDATIONS **The machinery of this vessel so far as now seen is in efficient condition and eligible in our opinion to remain as classed with fresh record of MBS* 7,55 subject to T.S. being renewed by end of May 1956 (12 months limit).**

FRIDAY 9 SEP 1955

Date of Committee

Decision

MBS 7.55 subject (withhold TS record)*

30m, 5, 54. T.

if Mansel Brown
 Engineer Surveyor to Lloyd's Register of Shipping



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CERTIFICATE WRITTEN

Lloyd's Register Foundation

003895 - 003905 - 0051 1/2

22 Essential Independent Pumps (Identify by position) Good. Ballast pump (in pump room) G.S. pump (Port fwd) 1 lub. oil hand pump (Port aft) 1 elec. transfer pump (Starbd. aft) (See Rpt) 1 hand transfer pump (Starbd. aft) Cargo pump in pump room

23 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls Good

24 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes

25 Fresh Water Coolers 26 Lub. Oil Coolers Good 27 Heaters (state service)

28 Independent Air Compressors, Coolers & Safety Devices Good

29 Air Receivers & Safety devices—Main Good

30 Oil Fuel Tanks (Not forming part of hull structure) Good

31 Evaporators

32 Steering Machinery Good

33 Have Evaporator Safety Valves been tested under steam?

34 Windlass Good

35 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position) Port. Good

PROPULSION	PORT	STARBOARD	ELECTRICAL EQUIPMENT	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	Good
g Insulation Resistance			r Steering Gear Generators and Motors	Good
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 AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves

Mountings, Doors & Fastenings

Safety Valves Adjusted to { Sat. Spt.

Boiler Securing Arrangements

Main Economisers

Steam Heated Steam Generators

Were Oil Burning System & Remote Controls examined working in accordance with Rules?

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

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)

Vessel now fitted with small geared O.F. transfer pump. Motor ZIEHL - ABEGG Berlin 1207

Type GS4 PSO 187 Volts 110 Umor 1500 Amps 2 Per - Cos -

Fitted with hot air system for cargo (liquid caustic soda) heating to approved plans No

521 - 3,55 Approved 18-5-55 and 31-5-55, Secretary's letter and telegrams. Oil burning

system with thermostat control installed. Fan and motor Model No 29875 Type SD frame

1246 form D Volts 110 HP 1/2 Temp rise 40°C open. Time rating continuous. Pat 1169

General Electric Co. Fan for circulating hot gas fitted in trunkway driven by

Motor Compagnie Francaise Thomson Houston Unis. R.P.M. 1400 No 17169 HP 4

Amps 25 Volts 115.

The construction of the hot air generator according to approved plans

was examined and tested under working conditions, and found satisfac

Drip trays are fitted under boiler front and all electric motors

to burners and fans are remote controlled from spaces outside the

machinery space.

N.B. A spare main bearing keep has been secured from

Engine Builders but as repaired keep (See London Rpt.)

LEAVE THIS SPACE BLANK

Survey fees	MBS	2.620.-	Ptas.
	TS	375.-	"
	E.I.	560.-	"
	Alterations	1.500.-	"
Damage fee			
Expenses		150.-	"
Date when A/c rendered		26-7-55	

Rpt. 9a.

Port of BARCELONA

Continuation of Report No. 6389 dated 23-7-55

on the

"MARIA ROSA"

13-3-55) was considered adequate, the new keep is now carried as spare.

T.S. drawn and found corroded at top end of cone but considered

efficient for 12 months. Owner however states that a new shaft is now on

order in U.K. and will be fitted during the coming winter when vessel will

lay up in U.K. as liquid caustic soda cargo is seasonal only during summer months.

It is submitted that this deferral of renewal of T.S. for 12 months

merits the favourable consideration of the Committee.

S.R.L. ADDITION.— T.S. to be renewed by the end of May 1956 (12 months limit)

Alfred Brown

