

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. "MARIA ROSA"

Owners Naval Agency Corp. S.A.

Gross tons 395 Date of build 1944-4

Engines made 1944 By British Auxiliaries Ltd.

Managers

Port of Registry Puerto Limon

No. of Main Engines 1 No of Screws 1

Type Oil engine

No. of Main Boilers W.P.

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)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
BS * 10,53 SS.Nwc.6,51	MBS * 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. <i>Oil Eng</i>	

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.)				STARBOARD			
PORT							
1 Cyls., Covers, Pistons & Rods	All good						
2 Valves & Gears	All good						
3 Connecting Rods, Guides & Gudgeon pins	All good						
4 Crankpins & Bearings	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							
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							
PERCHARGERS							
MAIN TURBINES							
Cases, 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

30m, 5, 54. T.

MBS * 7.55 subject
(withhold TS record)

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

CERTIFICATE WRITTEN

Lloyd's Register
Foundation

003895 - 003905 - 0051 1/2

Good. Ballast pump (in pump room) G.S. pump (Port ford) 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

Yes

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

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 Auxiliary

Good

31 Oil Fuel Tanks (Not forming part of hull structure)

Good

32 Evaporators

33 Have Evaporator Safety Valves been tested under steam?

34 Steering Machinery

Good

35 Windlass

Good

36 Fire Extinguishing Arrangements

Good

AUXILIARY ENGINES (Identify by position)

Port. Good

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 deferment 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)

Abraham Brown

PROPULSION	PORT	STARBOARD	ELECTRICAL EQUIPMENT	AUXILIARY EQUIPMENT
a Generators			1 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

Exhaust Gas Heated Economisers

Main Economisers

Steam Generator Safety Valves Adjusted to

Steam Heated Steam Generators

Forced Circulating Pumps

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

Funnel

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 - ABECC Berlin 1207

Type GS4 PS0 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 satisfactory

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. 1)

Survey fees MBS 2.620.- Ptas.
TS 375.- "
E.I. 560.- "
Alterations 1.500.- "

Damage fee ... 150.- "
Expenses... ..

Date when A/c rendered 26-7-55