

Rpt. 9

Date of writing report 24/11/56

Received London

Port Calcutta

No. 17303

Survey held at Chittagong, Pakistan

No. of visits 1

First date and

Last date 19/11/56

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 60256 Name S.S. "MARIALAURA"

Gross tons 7141 Date of build 1945 - 7

Owners Fratelli D'Amica

Managers

Port of Registry Rome

Engines made Hpl By Cen. Marine Eng. Works.

Type T 3 Cy.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 3 SB W.P. 220 lb(Spt)

~~XXXXXXXXXX~~ W.P.

Surveyed Afloat Chittagong

Nature of Survey Part B.S.

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

Last Report (For Head Office only)

Hull	Machinery
+100 A1	+LMC - 7/53
9/55	BS - 6/55
S.S. Nap - 7/53	CL - 9/55
R.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 ..... 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
- 19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
- 20 STEAM COMPRESSORS
- 21 CLUTCHES & HYDRAULIC COUPLINGS
- 22 REDUCTION GEARING
- 23 THRUST BLOCKS, SHAFTS & BEARINGS
- 24 INTERMEDIATE SHAFTS & BEARINGS
- 25 HOLDING DOWN BOLTS & CHOCKS
- 26 CONDENSERS (MAIN & AUX.)
- 27 STEAM RE-HEATERS
- 28 DE-SUPERHEATERS
- 29 STOP & MANŒUVRING VALVES
- 30 MAIN ENGINE DRIVEN PUMPS
- 31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES ..... Have Main Engines been tested working and manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS **The machinery of this vessel as now seen is in safe working condition and eligible in my opinion to remain as classed with fresh record of B.S. 5/56 when the survey has been completed, subject to the tubes fitted with stoppers and the burned tubes in centre boxes of Port and Centre boilers being dealt with before the end of January, 1957.**

FRIDAY 14 DEC 1956

Date of Committee

Decision *Deferred for comp BS Subject*

*E. D. Cook*  
 E. D. COOK.  
 Engineer Surveyor to Lloyd's Register of Shipping

*Back r write slip  
 Write back (copy reply from Nap)*

Noted for Header

Lloyd's Register of Shipping  
 008751-00 FOUNDATION

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent

9. 17333.

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	
PORT	STARBOARD	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 **Port & Star'bd 19/11/66** + AUXILIARY, DONKEY or PRESS \_\_\_\_\_

Superheaters **Good**

Safety Valves **Good**

Mountings, Doors & Fastenings **Good**

Safety Valves Adjusted to { Sat. **Not adjusted**  
Spt. **Not adjusted**

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? **Yes Good** 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)

**Defects:** Port boiler: port box, 3 tubes fitted with stoppers.  
centre box, 1 tube fitted with stopper, 2 further tubes marked for fitting stopper now, a number of tubes noted burned at combustion chamber end.

Centre boiler: port box, 1 tube fitted with stopper.  
centre box, a number of tubes noted burned at combustion chamber end.

The Master and Chief Engineer stated that no spare tubes were available on board or procurable at that port. The Owners had tubes in hand for retubing all 3 boilers on the vessels return to Italy in about 6 months time. They were advised to procure a stock of tube stoppers before leaving the port and arrange for a number of new tubes to be fitted on the vessels arrival at Japan where she is now proceeding via Mormugao.

/2...

LEAVE THIS SPACE BLANK

Survey fees ~~Rs. 2000/-~~ **Rs. 2000/-**

**"For Fees see L.R./R.I. slip attached".**

Damage fee ...

Expenses ...

Date when A/c rendered **28/11/56**

9. 17333.

It is recommended that the tubes fitted with stoppers and the burned tubes in centre boxes of port and centre boilers be dealt with before the end of January, 1957 meantime considered efficient.

**To Complete B.S:** Defective tubes in Port and Centre boilers (centre boxes) to be renewed and tube stoppers examined.

Safety valves of all 3 boilers to adjust.

Oil burning system and remote controls to be examined working in accordance with the Rules.

Surveyors at Shimonoseki, Japan advised.

*B.D.B.*

*R.I. Class Certificate on board endorsed.*