

Rpt. 9

Date of writing report 19-4-56

Received London

Port LISBON

No. 7032

Survey held at LISBON

No. of visits

30 APR 1956

First date 12-4-56

Last date 18-4-56

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 17663 S.S. Name MY "LIMA" Gross tons 4056 Date of build 1907  
Owners Empresa Insulana de Navegação Managers - Port of Registry LISBON  
Engines made Hartlepool Richardsons, Westgarth Type T 3 Cy.  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers Three W.P. 200lb  
No of Aux./Donkey Boilers - W.P. -  
Surveyed Afloat or in Dry Dock Afloat  
Nature of Survey +LMCM.S. BS.  
Was Damage Report issued? - Int Cert.? Yes  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
100A1 6-55	L.M.C. 5-51
Dr. 4-47	BS. 3-55
SS. Lis. 10-51	CL. 5-54

The condition 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 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 H P Good  
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 far as now surveyed is in good working order and in my opinion is eligible to remain as classed with fresh record of BS 1-56 now and +L.M.C. M.S. 12-55 as previously recommended when the survey has been completed, and without subject regarding H.P. valve

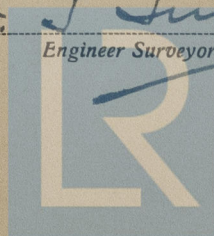
Date of Committee

Decision

THURSDAY 31 MAY 1956  
Deferred for E.P.L.M.C.S.  
- but BS 1, 56

(Delete notation  
of +LMCM.S. 10, 55)

Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register  
Foundation

32 Essential Independent Pumps (Identify by position) Lower O F pressure, Ford. F O trans pumps Good.

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) OF Heaters & Feed heater Good

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) Turbo Generator (St. inbd.) Good

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			z Generators & Governors
b Exciters			
c Air Coolers			m Motors
d Motors			
e Air Coolers			n Switchboards & Fittings
f Control Gear, Cables, etc.			o Circuit Breakers
g Insulation Resistance			p Cables
h Insulating Oil Test			q Insulation Resistance
i Overspeed Governors			r Steering Gear Generators and Motors
j Magnetic Couplings			s Navigation Light Indicators
k Air Gap			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of each boilers)

MAIN Ford. Good 12-4-56 AUXILIARY, DONKEY or PRESS

Superheaters -

Safety Valves Ford. Good

Mountings Doors & Fastenings Good

Safety Valves Adjusted to { Sat. P & S Aft & Ford. 200lbs ins. sq. 6pt.

Boiler Securing Arrangements Ford. 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? Yes 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)

H P valves spindle removed, skimmed up, new packing fitted, valve adjusted & all placed in good order. It is submitted that the item regarding the H.P. valve be deleted from the S.R.L.

TO COMPLETE FOR L.M.C. L.P. cylinder, Aux. condenser, steering eng. windlass, stop & manoeuvring valves, Pumping arrangements etc. Electrical arrangements etc. Elect. equipment, Aux. Eng. & Generators except turbo-Gen. Independent pumps except Ballast, G.S. both main feed, upper and lower O.F. pressure, F.O. Transfer pumpss.

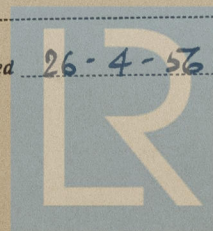
Survey fees ... B.S. 2.700\$00

L.M.C. Deferred for completion

Damage fee ...

Expenses ... 100\$00

Date when A/c rendered 26-4-56.



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It is submitted that this vessel is eligible for THE RECORD - B.S. 1.56 was written by C. C. C.

It is submitted that the vessel WILL BE eligible for the record & incurs 10/55 when the survey has been completed, as this report

This admiral cancels 19/4/56 supercedes stating when MS 1055 confirmed in error

29.5.56