

Ship's Name ~~SS~~/MS

"METROPOLITAN"

Gross tons 5128

Is there a rpt. 8? Yes

Port KOBE

Rpt. No. 12407

No. of visits 5

First date 5th Jan. 1964

Last date 11th Jan., 1964

Interim Cert. issued Yes,

Damage rpt. issued

No

Last rpt. (H.Q. only)

& copy herewith? Bl-96344

& copy herewith?

Date of

completing rpt. 21st Jan., 1964

Surveyed at, if different from Port above Mukaishima

Is a rpt. 9B

attached?

Yes

MN

Nature of survey CSM, ABS & TS N (CL)
and Damage Repairs

Survey fees

CSM

ABS

TS

N/T Rep. & SRH

£ 15-0-0

24-0-0

10-10-0

5-0-0

Damage fee

£ 10-0-0

Expenses

£ 10-0-0

S.A. fee

£ 8-0-0

MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

1 Cyls., ~~xxxxxx~~
pistons & rods No. 3 Good

2 Valves & gears No. 3 Good

3 ~~xxxxxx~~
x guides centre No. 3 Good

Side

4 Crankpins &
bearings centre

Side

5 Journals &
bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

6 Cyls., covers,
pistons & rods7 Con. rods &
top ends8 Crankpins &
bearings9 Journals &
bearings10 Coolers &
safety devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

11 Cyls., covers,
pistons & rods12 Con. rods &
top ends13 Crankpins &
bearings14 Journals &
bearings

MAIN TURBINES (State Port—P or Starboard—S)

16 Casings, rotors,
blading, bearings
& thrusts

15 Levers

17 Reduction
gearing18 Scavenge
blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of

CSM (with date) when the survey has been completed and ABS 1,64 and TS N (CL) 1,64 without condition of class regarding propeller and M.E. No. 3 cylinder liner but any outstanding condition of class being dealt with as previously recommended.

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Date of Committee

ht

Minute

Surveyor to Lloyd's Register of Shipping

M. Hayashibara

THURSDAY 2 APR 1964

FRIDAY 3 APR 1964

TS (N) 1. 64

ABS 1. 64

010012-610023-0251

At part or complete Special Surveys those items which are not applicable to the ship are to be cancelled; 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.

considered that re-examination or repairs should be made before that date a distinguishing mark must be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".

The condition of any item is to be described as "good" only when it 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 repairs have been effected or it is

| | | | | |
|---|----|----------------------------------|----|-------------------|
| Exhaust steam turbines (with recip. eng.) | 20 | Thrust blocks | 21 | shafts & bearings |
| Steam compressors | 22 | Intermediate shafts & bearings | 23 | |
| Clutches & hydraulic couplings | 24 | Condensers (main & aux.) | 25 | |
| Steam re-heaters | 26 | Air ejectors (main & aux.) | 27 | |
| De-superheaters | 28 | Forced &/or induced draught fans | 29 | |
| Stop & manoeuvring valves | 30 | Holding down bolts & chocks | 31 | |
| Main engine driven pumps | 33 | Detuner or vibration damper | 32 | |
| Fresh water cooling pump, Good | | | | |

State
Port P. or
Starboard S.

| | | | |
|--|----|---|----|
| Crankcase doors & explosion relief devices | 34 | Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle) | 35 |
|--|----|---|----|

| | | |
|-----------------------------|----|---|
| Essential independent pumps | 36 | Independent fresh water cooling pump (p.s.), Good |
|-----------------------------|----|---|

| | | | |
|--|----|---|----|
| Bilge, ballast & oil fuel suction lines, fittings & controls | 37 | Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary? | 38 |
| Fresh water coolers | 39 | Lub. oil coolers | 40 |
| Heaters (state service) | 41 | Feed water filters | 42 |
| Auxiliary air receivers & safety devices | 43 | Starting air pipes | 44 |
| Main air receivers & safety devices | 45 | | |
| Independent air compressors coolers & safety devices | 46 | | |
| Oil fuel tanks (not forming part of the hull structure) | 47 | | |
| Have all evaporators safety valves been tested under steam? | 48 | Evaporators HP & LP | 49 |
| Fire extinguishing arrangements | 51 | Steering machinery | 52 |
| | | Distillers | 50 |
| | | Windlass | 53 |

Identify
by
position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

S.R.L. (No.211): (1) Drydockong (grounding) propeller and outside fastenings to be specially examined at the next dry docking.

(2) M.E. No.3 cylinder liner repaired by (Metalock 9,63) to be specially examined and dealt with as found necessary, Japan end of October, 1963 at latest.

Now Done: (1) Propeller specially examined at this time and found two blades slightly missing at the tips, which was considered remain to be efficient, and also outside fastenings specially examined and found no defects.

(2) M.E. No.3 cylinder liner replaced with ship's spare.

Identification marks are as follows:-

LLOYD'S SLD TESTED 100 LBS FB

It is recommended that the above two items be deleted from S.R.L.

Repairs due to Wear and Tear: M.E. No.3 top piston found cracks in way of piston ring landing, end also bottom piston replaced with ship's spare.

Marks are as follows:-

Top piston

Bottom piston

LLOYD'S TEST SLD 100 LBS

LLOYD'S TEST KOB SLD 100 LBS

RWS 10/12/62

RWS 3/10/63

(Continued to 9B/-)

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given, should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept., the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations in existing particulars in the Register Book should also be reported above.

2021
Register
Foundation