

Rpt. 9A REPORT OF MACHINERY SURVEYS AND REPAIRS (ENGINES AND AUXILIARIES)

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London

16. NOV. 1965

196.600

1563/65

Ship's Name SS/MS "AWATA MARU" LR No.503185

Gross tons 7,601 Port of Registry Tokyo Port Yokohama

Date of build 8-1952 Is there a rpt. 8? Yes Rpt. No. 6232

No. of visits 5 First date 9-10-65 Last date 18-10-65

Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? - Last rpt. (H.Q. only)

Date of completing rpt. 21-10-65 Surveyed at, if different from Port above Tokyo

Is a rpt. 9B attached? Yes MN 1720 Nature of survey Adv. of CSM, ABS, TS(CL) & Docking

Survey fees Damage fee - Expenses ¥ 5,000.-

CSM ¥ 150,000.-

ABS ¥ 15,400.-

TS(CL) ¥ 11,200.-

S.A. fee

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

| | | P. | S. | |
|---|--|----------------|----------------|------|
| 1 | Cyls., covers, pistons & rods | No.4 good | Nos.2 & 6 good | |
| 2 | Valves & gears | No.4 good | Nos.2 & 6 good | |
| 3 | Con. rods, cross-heads, bearings & guides centre | No.4 good | Nos.2 & 6 good | Side |
| 4 | Crankpins & bearings centre | No.4 good | Nos.2 & 6 good | Side |
| 5 | Journals & bearings | Nos.1 & 5 good | Nos.2 & 8 good | |

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

| | | | |
|----|-------------------------------|---|-----------------------------------|
| 6 | Cyls., covers, pistons & rods | 7 | Con. rods, cross-heads & bearings |
| 8 | Crankpins & bearings | 9 | Journals & bearings |
| 10 | Coolers & safety devices | | |

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

| | P. | S. | |
|----|---|------------------|--------------------------------------|
| 11 | Cyls., covers, pistons & rods No.4 good | Nos.2,4 & 6 good | 12 Con. rods, cross-heads & bearings |
| 13 | Crankpins & bearings | | 14 Journals & bearings |

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

| | | | |
|----|--|----|---------------|
| 16 | Casings, rotors, blading, bearings & thrusts | 15 | Levers |
| 17 | Reduction gearing | | |
| 18 | Scavenge blowers | 19 | Superchargers |

I recommend that the machinery of this ship remain as classed with/without fresh record of CSM (with date) on completion, ABS 10/65 and Starboard TS(CL) 10/65, subject to any outstanding conditions of class being dealt with as previously recommended.

ALSO FOR

SPL FOR

THEO

SEL

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

FRIDAY 10 DEC 1965

Minute

AS new
Suba TS. 10.65
ABS. 10.65

K. MOCHIZUKI & T. NISHIMURA

Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

013997-016003-2060

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 should 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.) | 21 Thrust blocks shafts & bearings | P. good | |
| 22 Steam compressors | 23 Intermediate shafts & bearings | S. " No.7 Intermediate shaft & No.13,14 & 15 bearing | Good |
| 24 Clutches & hydraulic couplings | 25 Condensers (main & aux.) | | |
| 26 Steam re-heaters | 27 Air ejectors (main & aux.) | | |
| 28 De-super-heaters | 29 Forced &/or induced draught fans | | |
| 30 Stop & manoeuvring valves | 31 Holding down bolts & checks | 32 Detuner or vibration damper | |
| 33 Main engine driven pumps | | | |
| 34 Crankcase doors & explosion relief devices | 35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle) | | |

State
Port P. or
Starboard S.

36 Essential independent pumps Bilge pump, good. Inboard fuel valve cooling pump, good.
S. inboard L.O. pump, good. Frwd. feed pump, good.
S. frwd. jacket cooling pump, good. O.F. burning gear pump, good.
Fire & Ballast pump, good.

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

Identify
by
position

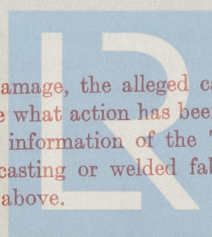
AUXILIARY ENGINES

P. aft (No.3) diesel generator engine in its entirety.

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

TSCL:- Stbd. propeller shaft removed to the shop and alignment checked on the lathe also skimmed up bronze liner.
The shaft was examined by magnaflux and found satisfactory.

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.



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