

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, RECIP., 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	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

NOTED BY  
RESB  
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

01397-016003-2060

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 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

MADE AND PRINTED IN ENGLAND

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Exhaust steam turbines (with recip. eng.)	20	Thrust blocks shafts & bearings	21	P. good
Steam compressors	22	Intermediate shafts & bearings	23	S. " No.7 Intermediate shaft & No.13,14 & 15 bearing
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	Detuner or vibration damper
Main engine driven pumps	33			
Crankcase doors & explosion relief devices	34			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	

Identify by position

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

**AUXILIARY ENGINES**

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

**PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.**

**TSC:-** 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.

