

Rpt. 9A REPORT OF **MACHINERY SURVEYS AND REPAIRS** (ENGINES AND AUXILIARIES)
FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London

Ship's Name ~~SS~~/MS "AKI MARU" Port of Registry Tokyo Port Kobe
 Gross tons 7,733 Registry Tokyo Port Kobe
 Date of build 2-1954 Is there a rpt. 8? No Rpt. No. 14008
 No. of visits One First date and Last date 19th Feb., 1965
 Interim Cert. issued Yes, Damage rpt. issued No Last rpt. (H.Q. only) & copy herewith? B1-114717 & copy herewith? No
 Date of completing rpt. 20th Feb., 1965 Surveyed at, if different from Port above -
 Is a rpt. 9B attached? No MN 1600 Nature of survey Machinery Repair
 Survey fees ¥10,000 Damage fee - Expenses -
 S.A. fee

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

- 1 Cyls., covers, pistons & rods No.1 cylinder tie rods Good
- 2 Valves & gears
- 3 Con. rods, cross-heads, bearings & guides centre Side
- 4 Crankpins & bearings centre Side
- 5 Journals & bearings

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)

- 11 Cyls., covers, pistons & rods 12 Con. rods, cross-heads & bearings
- 13 Crankpins & bearings 14 Journals & bearings

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

- 15 Casings, rotors, blading, bearings, & thrusts 16 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 survey, subject to any outstanding condition of class being dealt with as previously recommended.

(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 WEDNESDAY 31 MAR 1965

Minute DS 2.65 STBD TS 2.65 ABS 2.65

Surveyor to Lloyd's Register of Shipping

F. Okamoto

FOR CHAIRMAN CLASSN. CTTEE

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ALSO FOR

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POSTING

HEADER

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All or complete Special Surveys those items which are not applicable to 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 thus 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

20 Exhaust steam turbines (with recip. eng.)	21 Thrust blocks shafts & bearings	
22 Steam compressors	23 Intermediate shafts & bearings	
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 & chocks	32 Detuner or vibration damper
33 Main engine driven pumps		

State Port P. or Starboard S.

34 Crankcase doors & explosion relief devices

35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)

36 Essential independent pumps

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

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

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC. REPAIRS

Found: Starboard main engine No.1 cylinder port forward tie rod in way of bottom nut.

Now done: The tie rod was renewed.

Identification Mark: LLOYD'S NAG PC No1440
 NO.6848 21-1-65
 FIN AI 15-2-65

Other 3-tie rods of No.1 cylinder were removed and specially examined by dye-check process and found free from crack (good).

SRL No.250) Nil
 SRL Appendix.No.15

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.

