

REPORT OF MACHINERY SURVEYS AND REPAIRS
(ENGINES AND AUXILIARIES)

Received London

6 APR 1964

Ship's Name ~~SS/MS~~

"AKAGISAN MARU"

Gross tons 6637

Is there a rpt. 8? Yes

Port KOBE

Rpt. No. 12648

No. of visits 4

First date 4th March, 1964 Last date 10th March, 1964

Interim Cert. issued Yes,
& copy herewith? B1-98407Damage rpt. issued
& copy herewith? No Last rpt. (H.Q. only)Date of
completing rpt. 12th March, 1964

Surveyed at, if different from Port above Tamano

Is a rpt. 9B
attached? Yes

MN

Nature of survey CSM, ABS

Survey fees

CSM
ABS + EGT¥ 94,500.-
24,000.-

Damage fee

Expenses

¥ 4,000.-

S.A. fee

MAIN ENGINES, ~~BECHTEL~~ STRAUMOR I.C. (State Port—P or Starboard—S)

- | | | | |
|---|--|-----------------|------|
| 1 | Cyls., covers,
pistons & rods | Nos. 3 & 9 Good | |
| 2 | Valves & gears | Nos. 3 & 9 Good | |
| 3 | Con. rods, top ends
& guides centre | Nos. 4 & 5 Good | Side |
| 4 | Crankpins &
bearings centre | Nos. 1 & 9 Good | Side |
| 5 | Journals &
bearings | Nos. 1 & 9 Good | |

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

- | | | | |
|----|----------------------------------|---|-------------------------|
| 6 | Cyls., covers,
pistons & rods | 7 | Con. rods &
top ends |
| 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 &
top ends |
| 13 | Crankpins &
bearings | 14 | Journals &
bearings |

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

- | | |
|----|--|
| 15 | Levers |
| 16 | Casings, rotors,
blading, bearings
& thrusts |

- | | |
|----|--|
| 17 | Reduction
gearing |
| 18 | Scavenge
blowers No. 2 (after) Good |

19 Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of
ABS 3,64 now and CSM (with date) when the survey has been completed.

(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 13 MAY 1964

ht Minute

As now
ABS 3.64

Surveyor to Lloyd's Register of Shipping

L.O. Christensen

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

Exhaust steam
turbines (with
20 recip. eng.)

22 Steam compressors

24 Clutches & hydraulic couplings

26 Steam re-heaters

28 De-super-heaters

Stop & manoeuv-
ring valves

33 Main engine driven pumps

Thrust blocks
21 shafts & bearings

23 Intermediate shafts & bearings

25 Condensers
 (main & aux.)

27 Air ejectors
(main & aux.)

29 Forced &/or induced draught fans

31 Holding down
bolts & chocks

Shaft Nos. 1 & 2 (Bearing Nos. 1,2 & 3)
Good

State
Port P. or
Starboard S.

32 Detuner or vibration damper

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

34 Crankcase doors &
explosion relief devices

36	Essential independent pumps	Main fresh water cooling pump No.1 main lub. oil pump (starb'd side) Fuel valve cooling oil pump (port after) No.2 oil burning pump (starb'd side outboard)	All Good
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37 Bilge, ballast & oil fuel
suction lines, fittings & controls

39 Fresh water coolers

41 Heaters (state service)

43 Auxiliary air receivers
& safety devices

45 Main air receivers No.1 starb'd outboard - Good
& safety devices

Independent air compressors No.1 starb'd forward Good
coolers & safety devices

Coolers hyd. tested to 12 kg/cm² and 50 kg/cm²

47 Oil fuel tanks (not forming part of the hull structure)

48 Have all evaporators safety valves been tested under steam?

51 Fire extinguishing arrangementsEvaporators
49 HP & LP

Steering
52 machinery

50 Distillers

53 Windlass

Identify
by
position

AUXILIARY ENGINES

No.2 port outboard auxiliary generator engine, Good

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Wear and Tear Repairs:

Tear and Tear Repairs:
Main engine Nos. 3 & 9 cylinder liners worn now changed for Owners Lloyd's Tested spares.

Sundry minor repairs carried out.

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.