

24 NOV. 1962

Ship's Name SS/MS KOWA MARU Gross tons 21,974

Is there a rpt. 8? Yes Port Yokohama Rpt. No. 4436

No. of visits 6 First date 19-10-62 Last date 26-10-62

Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? No Last rpt. (H.Q. only)

Date of completing rpt. 27-10-1962 Surveyed at, if different from Port above No

Is a rpt. 9B attached? Yes MN 2400 Nature of survey CS, Comm. ABS, and TS

Survey fees CS ¥ 82,000.- Damage fee - Expenses ¥ 5,000.-
 ABS ¥ 48,000.-
 TS ¥ 10,500.-

S.A. fee ¥ 6,000.-

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

1 Cyls., covers, pistons & rods Nos. 1, 3 & 6 good

2 Valves & gears Nos. 1, 3 & 6 good

3 Con. rods, top ends & guides centre Nos. 4 & 6 good Side

4 Crankpins & bearings centre Nos. 4, 5 & 6 good Side

5 Journals & bearings Nos. 5 & 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)

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

17 Reduction gearing

18 Scavenge blowers 19 Superchargers No. 2 & 3 good

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

C.S. (with date) and ABS 10,62 when the surveys have been completed and TS(CL)

10,62 now.

All 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

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

J. L. Le Bull
Surveyor to Lloyd's Register of Shipping

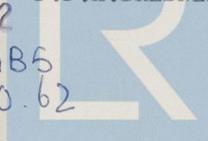
Date of Committee

THURSDAY 27 DEC 1962

P. F. H. BREBNER & S. TAKENAKA

Minute

Deferred for comp ABS but allow TS 10.62



Lloyd's Register Foundation

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| ALSO FOR |
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|---|--|--------------------------------|-------------------------------------|
| 20 Exhaust steam turbines (with recip. eng.) | 21 Thrust blocks shafts & bearings | Good | State Port P. or Starboard S. |
| 22 Steam compressors | 23 Intermediate shafts & bearings | Good | |
| 24 Clutches & hydraulic couplings | 25 Condensers (main & aux.) | Good | |
| 26 Steam re-heaters | 27 Air ejectors (main & aux.) | | |
| 28 De-superheaters | 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 | | | |
| 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 No.2 L.O.(aft) M/E F.W.Cooling(s.s.) / M/E S.W.Cooling(s.s.frd) Bilge(stard.frd) Feed (stard aft) Genr Cooling(aft) Cargo Oil Pump and Turbine complete (s.s.) All 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 | Both Good | 40 Lub. oil coolers | Good |
| 41 Heaters (state service) | | 42 Feed water filters | |
| 43 Auxiliary air receivers & safety devices | | 44 Starting air pipes | |
| 45 Main air receivers & safety devices | No.1 (frd) Good | | |
| 46 Independent air compressors coolers & safety devices | No.1 (p.s. inbrd) 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

AUXILIARY ENGINES No.2 (port side outboard) Generator Engine in its entirety. Good

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Wear & Tear Repairs :-

Some minor repairs effected at this time.

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.

