

16 APR 1963

Ship's Name ~~SS/MS~~ "OTOWASAN MARU" Gross tons 12,687

Is there a rpt. 8? Yes Port KOBE Rpt. No. 11389

No. of visits 5 First date 13th Feb., 1963 Last date 21st Feb., 1963

Interim Cert. issued Yes, Damage rpt. issued & copy herewith? Bl-87259 & copy herewith? No Last rpt. (H.Q. only)

Date of completing rpt. 11th March, 1963 Surveyed at, if different from Port above Tamano Nature of survey CSM, ABS, TS(CL) & Docking, Electrical Repairs

Is a rpt. 9B attached? Yes MN Expenses ¥1,500 S.A. fee

Survey fees CSM ¥94,500 ABLEG 39,000 TS 10,500 WFT 10,000

Damage fee

Expenses

S.A. fee

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

- 1 Cyls., covers, pistons & rods Nos. 4 & 7 Good
2 Valves & gears Nos. 4 & 7 Good
3 Con. rods, top ends & guides centre Nos. 4 & 7 Good Side -
4 Crankpins & bearings centre Nos. 1 & 3 Good Side -
5 Journals & bearings No. 6 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

I recommend that the machinery of this ship remain as classed with/without fresh record of CSM (with date) on completion and ABS 2,63 and TS (CL) 2,63 now.

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 omitted 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'.

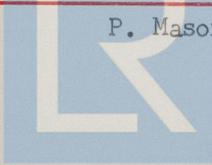
The condition of any item is to be described as "good" only when it has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where repairs have been effected or it is

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

Date of Committee THURSDAY 23 MAY 1963 ht Minute

AS now TS. 2.63 ABS. 2.63

Surveyor to Lloyd's Register of Shipping P. Mason



Lloyd's Register Foundation

Form with fields: ALSO FOR, SPL FOR, TRO, SRL, POSTING, HEADER, CERT

20 Exhaust steam turbines (with recip. eng.)	21 Thrust blocks shafts & bearings	
22 Steam compressors	23 Intermediate shafts & bearings	
24 Clutches & hydraulic couplings	25 XXXX 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	S.W. (No.3 from forward) Good Bilge (No.4 from forward) Good	

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 S.W. cooling (s.a.), Auxiliary S.W. (p.a.), Bilge pump (in after pump room), No.2 fuel valve cooling pump (p.inboard), 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

40 Fuel valve oil cooler ~~XXXX~~ oil coolers (tested) Good

41 Heaters (state service)

42 Feed water filters

43 Auxiliary air receivers & safety devices Aux. (E.R. p.f.) - Good
Emergency (in steering flat) Good

44 Starting air pipes

45 Main air receivers & safety devices

46 Independent air compressors, coolers & safety devices No.1(s.forward) & coolers tested - Good
Emergency (in steering flat) - 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

Steam engine for No.1 (s. forward) air compressor - Good

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

No.3 piston changed with Owners spare modified piston (Kobe certificate No. M-78108 refers).

Main Engine Driven S.W. Pump After liner renewed both buckets built up and machined.

Independent S.W. pump Liners machined and buckets built up.

Numerous minor wear and tear repairs to pumps effected this time.

Conditions of Class No.198: None

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.

