

Ship's Name **SS/MS HAKONESAN MARU** Gross tons **6927**  
 Is there a rpt. 8? **Yes** Port **Yokohama** Rpt. No. **5084**  
 No. of visits **2** First date **13-1-64** Last date **19-1-64**  
 Interim Cert. issued & copy herewith? **Yes** Damage rpt. issued & copy herewith? **-** Last rpt. (H.Q. only)  
 Date of completing rpt. **20-1-64** Surveyed at, if different from Port above **Ichihara, Chiba**  
 Is a rpt. 9B attached? **Yes** **MN 2250** Nature of survey **CSM, ABS & Docking**  
 Survey fees Damage fee **-** Expenses **¥ 4,000.-**  
 CSM **¥ 100,000.-**  
 ABS **¥ 12,000.-**  
 S.A. fee **-**

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

1	Cyls., covers, pistons & rods	Nos. 1, 2, 3 & 4	good	
2	Valves & gears	Nos. 1, 2, 3 & 4	good	
3	Con. rods, top ends & guides centre	Nos. 2 & 4	good	—Side
4	Crankpins & bearings centre	Nos. 6 & 8	good	—Side
5	Journals & bearings	Nos. 2 & 8	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
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17	Reduction gearing		
18	Scavenge blowers	19	Superchargers <b>F'wd. (No.1) good</b>

I recommend that the machinery of this ship remain as classed with/without fresh record of CSM (with date) when the survey has been completed and ABS 1/64 when the survey has been completed, subject to any outstanding conditions 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

Minute

**THURSDAY 5 MAR 1964**  
*as now*  
**ABS 1.64**

*[Signature]*  
**H. TERASHIMA**  
 Surveyor to Lloyd's Register of Shipping

ALSO FOR

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**CESR me**  
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Lloyd's Register  
 Foundation

011671-011677-0182

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 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	No.2	good
24	Clutches & hydraulic couplings	25	Condensers (main & aux.)		
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)

State Port P. or Starboard S.

36 Essential independent pumps  
 Outboard feed pump, Outboard lub. oil pump, Main fresh water cooling pump (jacket cooling)

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		Inboard, good
46	Independent air compressors coolers & safety devices		Inboard, 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
51	Fire extinguishing arrangements	52	Steering machinery
		50	Distillers
		53	Windlass

Identify by position

**AUXILIARY ENGINES**

Fwd. inboard, good

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

W. & T. Repairs

M.E. No.2 cylinder liner found wasted & now replaced with a new spare on board.

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.

