

Rpt. 9A REPORT OF MACHINERY SURVEYS AND REPAIRS (ENGINES AND AUXILIARIES)

Received London

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

27 SEP

Ship's Name ~~SS/MS~~ "NAGAOSAN MARU"
 Gross tons 6555 Port of Registry Tokyo Port KOBE
 Date of build 8,1960 Is there a rpt. 8? Yes Rpt. No. 13259
 No. of visits 3 First date 17th Aug., 1964 Last date 22nd Aug., 1964
 Interim Cert. issued Yes, Damage rpt. issued & copy herewith? No Last rpt. (H.Q. only)
 & copy herewith? B1-106282
 Date of completing rpt. 24th Aug., 1964 Surveyed at, if different from Port above Tamano
 Is a rpt. 9B attached? Yes MN Nature of survey Completion of CSM, SPS, ABS & Docking

Survey fees Damage fee Expenses S.A. fee
 Compl. CSM 36,000.-
 ABS & EGE 63,000.-
 Elect. 75150.-

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

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

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)

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

17 Reduction gearing
 18 Scavenge blowers 19 Superchargers

We

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

CSM 8,64, SPS 8,64 and ABS 8,64 now.

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

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

Redntensen & M. Kitani
 Surveyor to Lloyd's Register of Shipping

Date of Committee

L.O. Christensen & M. Kitani

ho Minute

THURSDAY 15 OCT 1964

As used
 CSM 8.64
 SPS 8.64 ABS 8.64

014784-014793-0213

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 subject 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 that 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

Exhaust steam turbines (with recip. eng.)	20	Thrust blocks shafts & bearings	21	Good
Steam compressors	22	Intermediate shafts & bearings	23	No.4 intermediate shaft, Nos.6 & 7 bearings, Good
Clutches & hydraulic couplings	24	Condensers (main & aux.)	25	Starb'd aft, Good
Steam re-heaters	26	Air ejectors (main & aux.)	27	
De-superheaters	28	Forced &/or induced draught fans	29	
Stop & manoeuvring valves	30	Holding down bolts & chocks	31	Good
Main engine driven pumps	33	Detuner or vibration damper	32	
Oil fuel primary pump, and injection pumps				

State Port P. or Starboard[S.]

Crankcase doors & explosion relief devices	34	Good	Have main engines been tested working & manoeuvring? (To be done on completion of ES or OS cycle)	35	Yes, Good
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Essential independent pumps	36	Port after bilge pump, starb'd aft ballast pump, Starb'd aft general service pump, Oil fuel transfer pump (starb'd centre), Fuel valve cooling pump (starb'd forward centre), Forward boiler oil burning pump, Starb'd centre main S.W. & F.W. cooling pump,	Starb'd after L.O. pump, Port auxiliary S.W. cooling pump, Port after F.W. cooling pump (port aft),
		All Good	

Bilge, ballast & oil fuel suction lines, fittings & controls	37	Good	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	38	Yes, Good
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Fresh water coolers	39	Starb'd inb'd, Good	Lub. oil coolers	40	
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Heaters (state service)	41	F.O. for main engine, F.O. for boiler (2 sets)	All Good	Feed water filters	42	
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Auxiliary air receivers & safety devices	43			Starting air pipes	44	Good
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Main air receivers & safety devices	45	Port after (No.2)	Good
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Independent air compressors coolers & safety devices	46	Hand aux. compressor,	Good
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Oil fuel tanks (not forming part of the hull structure)	47	All	Good
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Have all evaporators safety valves been tested under steam?	48	-	Evaporators HP & LP	49	None	Distillers	50	
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Fire extinguishing arrangements	51	Good	Steering machinery	52	Good	Windlass	53	Good
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AUXILIARY ENGINES

No.2 port forward inboard, Good

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

NOTE:

S.R.L. No.220: None
S.R.L. Appendix: Nothing done at this time.

Wear and Tear Repairs:

Minor repairs were effected.
No.2 main engine piston crown head worn, welded about 10mm and machined up to satisfaction.

Identify by position

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.