

Rpt. 9

Date of writing report 17th Feb. 1958

Received London

Port YOKOHAMA

No. 2498

Survey held at Kawasaki

No. of visits 4

First date 1st Feb. '58

Last date 10th Feb. 1958

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 21588 Name M.V. "NAGASHIMA MARU" Gross tons 3903 Date of build 2 - 1954

Owners Iino Kaiun K.K. Managers - Port of Registry Tokyo

Engines made 1954 By Uraga Tamashima Diesel Kogyo K.K. Type Sulzer SA 6 Cy. 600 x 1040mm.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of Aux/Donkey Boilers 1dbw.P. 100 lb

Surveyed Afloat or in Dry Dock Both

Nature of Survey Dkg. Completion of CS & DBS

Was Damage Report issued? No Int. Cert? Yes

Last Report (For Head Office only)

Hull		Machinery	
✦ 100 Al		✦ LMC N	2/54
Dkg.	2/57	BS nd	2/54
		d	2/57
	pt EW	TS CL	2/57

The condition of any of the following items is to be described as "good" only when the part 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 it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; 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.

DOCKING Propellers Good Wear Down of Stern Bushes 2.4mm Oil Glands Sea Connections good

Fastenings good Has Screwshaft/Tubeshaft been drawn? No Date of Examination - Has Shaft been changed? -

Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? - Approved oil gland? -

MAIN ENGINES (Recip. Steam or I.C.) PORT- STARBOARD-

1 Cyls., Covers, Pistons & Rods No. 3 good

2 Valves & Gears No. 3 good

3 Connecting Rods, Top Ends & Guides Side No. 3 good

4 Crankpins & Bearings Side No. 3 good

5 Journals & Bearings Nos. 3, 4 & 5 good

### MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

### MAIN ENGINE DRIVEN SCAVENGE SUMPS

11 Cyls., Covers, Pistons & Rods Nos. 2, 3 & 5 good

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers Nos. 2, 3 & 5 good

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

### MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS good

24 INTERMEDIATE SHAFTS & BEARINGS good

25 HOLDING DOWN BOLTS & CHOCKS good

26 CONDENSERS (MAIN & AUX.) good

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS Fuel Pumps and Fittings good

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES good Have Main Engines been tested working and manoeuvring? Yes good

### OPINION OF MACHINERY AND RECOMMENDATIONS

The Machinery of this vessel, so far as now seen, is in good and efficient condition and eligible in our opinion to remain as now classed with fresh record of Continuous Survey of Engines (CS)(with date) when the survey has been completed and Donkey Boiler Survey (DBS) 2,58.

Date of Committee THURSDAY 10 APR 1958

/ft Decision As now DBS 2.58

(with torsional endorsement)

W. B. ... Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation

CO 8439-008445-0/23

If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent.

32 Essential Independent Pumps (Identify by position) Outbrd. Aux. F.W. & S.W. Cooling Pump good, Inbrd. L.O. Pump good,  
Port Aft Motor driven Bilge and Sanitary Pump good, Fire and bilge pump good, O.F. burning unit pump good.  
 33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls good  
 34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? yes good  
 35 Fresh Water Coolers ..... 36 Lub. Oil Coolers ..... 37 Heaters (state service) O.F. Heater for Donkey boiler, good  
 38 Independent Air Compressors, Coolers & Safety Devices .....  
 39 Air Receivers & Safety devices—Main Inboard good ..... 40 Auxiliary .....  
 41 Oil Fuel Tanks (Not forming part of hull structure) P. & S. Oil fuel service tanks good .....  
 42 Evaporators good ..... 43 Have Evaporator Safety Valves been tested under steam? Yes good .....  
 44 Steering Machinery good ..... 45 Windlass good ..... 46 Fire Extinguishing Arrangements good .....

AUXILIARY ENGINES (Identify by position) Emergency Diesel Generator good

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors <u>good</u>
b Exciters			
c Air Coolers			m Motors <u>good</u>
d Motors			n Switchboards & Fittings <u>good</u>
e Air Coolers			o Circuit Breakers <u>good</u>
f Control Gear, Cables, etc.			p Cables <u>good</u>
g Insulation Resistance			q Insulation Resistance <u>good</u>
h Insulating Oil Test			r Steering Gear Generators and Motors <u>good</u>
i Overspeed Governors			s Navigation Light Indicators <u>good</u>
j Magnetic Couplings			
k Air Gap			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)  
 MAIN ..... AUXILIARY, DONKEY or PRESS. 3 - 2 - 58 good  
 Superheaters ..... good  
 Safety Valves ..... good  
 Mountings, Doors & Fastenings ..... 100 lb/□ "  
 Safety Valves Adjusted to { Sat. ....  
 { Spt. .... good  
 Boiler Securing Arrangements .....  
 Main Economisers ..... Exhaust Gas Heated Economisers .....  
 Steam Heated Steam Generators ..... Steam Generator Safety Valves Adjusted to .....  
 Were Oil Burning System & Remote Controls examined Working in accordance with Rules? Yes good ..... Forced Circulating Pumps .....  
 Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? ..... Funnel good

EXAMINATION & TESTING OF STEAM PIPES (State material)  
 Main ..... Auxiliary (over 3 in. bore) .....  
 Were Copper Pipes annealed? ..... Have Saturated Pipes in cylindrical boiler smoke boxes been tested? .....

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)  
 Repairs W. & T.:— Minor repairs were effected at this time.

Note for R.B.:— Main Engine particulars should read 2 SA 6 Cy. and not 4 SA 6 Cy. on now shown in Register Book.

LEAVE THIS SPACE BLANK

Completion of CS Survey fees ..... Please see our letter dated Feb 27 1958  
 ¥ 40,000 (see attached lt.)  
 DBS ¥ 8,000.-

Damage fee .....  
 Expenses... ¥ 4,000.-

Date when A/c rendered

