

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  
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)

Records of Survey & Special Notations as per Register Book

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, Side No. 3 good  
Top Ends & Guides Centre  
4 Crankpins & Bearings Side No. 3 good  
Centre  
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

/ft Decision

THURSDAY 10 APR 1958

DBS 2.58

(with torsional endorsement)

Engine Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation

008439-008445-0/23

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 good
b Exciters			
c Air Coolers			m Motors good
d Motors			
e Air Coolers			n Switchboards & Fittings good
f Control Gear, Cables, etc.			o Circuit Breakers good
g Insulation Resistance			p Cables good
h Insulating Oil Test			q Insulation Resistance good
i Overspeed Governors			r Steering Gear Generators and Motors good
j Magnetic Couplings			s Navigation Light Indicators good
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.

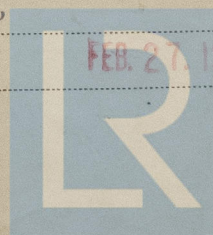
Note for R.B.:— Main Engine particulars should read 2 SA 6 Cy. and not 4 SA 6 Cy. on now shown in Register Book.

LEAVE THIS SPACE BLANK

Completion of CS Survey fees Please see our letter dated  
¥ 46,000 (per attached lt.)  
DBS ¥ 8,000.-

Damage fee  
Expenses... ¥ 4,000.-

Date when A/c rendered



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FEB. 27 1958