

20 MAY 1960

Rpt. 9

Date of writing report 10th May 1960

Received London

Port YOKOHAMA

No. 3246

Survey held at Kawasaki

No. of visits 3

First date 3rd May

Last date 9th May 1960

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 22972 Name M.V. S.S. "NAGASHIMA MARU" Gross tons 3903 Date of build 2-1954

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

Engines made 1954 By Uruga Kogyo, Tamashima Type Oil Engine 2SA 6cy. 600 x 1040mm Sulzer

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 1db W.P. 100lb

Surveyed Afloat or in Dry Dock in Dry Dock & Afloat

Nature of Survey Docking, TS(CL), ABS, CS

Was Damage Report issued? - Int. Cert.? Yes

Last Report (For Head Office only)

Table with 2 columns: Hull and Machinery. Hull: + 100 A1 SS 2/58, Docking 3/59. Machinery: + LMC CS 2/58, d 2/58, 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.

- DOCKING Propellers Good Wear Down of Stern Bushes 3.15 m/m Oil Glands - Sea Connections Good
Fastenings Good Has Screwshaft Tubeshaft been drawn? Yes Date of Examination 3-5-60 Has Shaft been changed? No
MAIN ENGINES (Recip./Steam or I.C.) /PORT STABBOARD
1 Cyls., Covers, Pistons & Rods No. 2 Good No. 5 Good
2 Valves & Gears No. 2 Good No. 5 Good
3 Connecting Rods, Top Ends & Guides Side Centre No. 2 Good No. 5 Good
4 Crankpins & Bearings Side Centre No. 2 Good No. 5 Good
5 Journals & Bearings No. 4 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 PUMPS
11 Cyls., Covers, Pistons & Rods No. 3 Good
12 Connecting Rods & Top Ends
13 Crankpins & Bearings
14 Journals & Bearings
15 Levers No. 3 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
24 INTERMEDIATE SHAFTS & BEARINGS Nos. 2, 3, 5 Good
25 HOLDING DOWN BOLTS & CHOCKS
26 CONDENSERS (MAIN & AUX.) Aux. Good
27 STEAM RE-HEATERS
28 DE-SUPERHEATERS
29 STOP & MANOEUVRING VALVES
30 MAIN ENGINE DRIVEN PUMPS
31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now surveyed is eligible in our opinion to remain as now classed with fresh record of TS (CL) 5/60, ABS 5/60 and CS (with date) when the survey has been completed.

WEDNESDAY 8 JUN 1960

Date of Committee Decision ABS 5.60 TS 5.60

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Noted for Header

32 Essential Independent Pumps (Identify by position) Inboard main engine sea water and fresh water cooling, Good, Outboard aux. sea water and fresh water cooling, Good, Bilge and fire, Good, O.F. transfer, Good, O.F. burning, Good, Aft feed water, Good, Inboard fuel valve cooling, Good, Outboard O.F. service, Good.

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?

35 Fresh Water Coolers 36 Lub. Oil Coolers Forward, Good 37 Heaters (state service) S. Feed water, Good

38 Independent Air Compressors, Coolers & Safety Devices Aft, Good

39 Air Receivers & Safety devices—Main Inboard, Good

40 Auxiliary

41 Oil Fuel Tanks (Not forming part of hull structure) F. Inboard O.F. service (Cl), Good

42 Evaporators 43 Have Evaporator Safety Valves been tested under steam?

44 Steering Machinery 45 Windlass 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position) S. Inboard, Good

PROPULSION	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
a Generators			l Generators & Governors
b Exciters			m Motors
c Air Coolers			n Switchboards & Fittings
d Motors			o Circuit Breakers
e Air Coolers			p Cables
f Control Gear, Cables, etc.			q Insulation Resistance
g Insulation Resistance			r Steering Gear Generators and Motors
h Insulating Oil Test			s Navigation Light Indicators
i Overspeed Governors			
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
Superheaters	4/5/60 Good
Safety Valves	Good
Mountings, Doors & Fastenings	Good
Safety Valves Adjusted to { Sat. / Spt.	100lb
Boiler Securing Arrangements	Good
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	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)

Repair (W & T):- Main engine:- No.2 cylinder liner worn and replaced with ship's new spare. Marks:-

No.5 piston crown worn and replaced with ship's used spare.

T.No.3
No.2599A
LLOYD'S TEST TAG
W.T.P. 80KG
M.O. 5-12-58

Out board aux oil engine:- Forward cylinder block for Nos.1,2 & 3 cylinder renewed at this time on account of leakage through crack in way of forward cyl. liner.

New block identification mark:-

C-1173
LLOYD'S TEST TAG
W.T.P. 4KG
I.S. 11-3-59

Note:- With reference to circular No. 2144, since Main engine is Sulzer type oil engine and operating on heavy oil now.

It is submitted that entry in Register of Ships Vol. 1 Col. 7 should be amended to read 1 aux. B.



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Survey fees CS. ¥ 68,000.-
TS (CL) ¥ 7,500.-
ABS ¥ 10,500.-
Docking see Hull Rpt. 8 No. 3246
Damage fee ...
Expenses... ¥ 3,000.-

Date when A/c rendered MAY 12 1960



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