

Rpt. 9

Date of writing report 12th Aug., 1960

Received London

Port KOBE

No. 8119

Survey held at Innoshima

No. of visits 5

First date 21st July,

Last date 27th July, 1960

23 AUG 1960

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 42033 Name M.V. "NIKKO MARU" Gross tons 13690 Date of build 7,1959

Owners Nissan Kisen K.K. Managers - Port of Registry Tokyo

Engines made Tamashima By Uruga Diesel Kogyo Type Oil Engine 2SA 6Cy. 760 x 1150mm Sulzer

No. of Main Engines 1 No. of Screws 1 Records of Survey & Special Notations as per Register Book

	Hull	Machinery
No. of Main Boilers	-	-
No. of Aux./Donkey Boilers	1 db w.p. 142 lbs	
Surveyed Afloat or in Dry Dock	Both	
Nature of Survey	Docking and CS	
Was Damage Report issued?	No	Int. Cert.?
Last Report (For Head Office only)	copy attached.	
	*100A1	*LMC
	DS 6,59	Engine 7,59
		Boiler d 7,59
		Tailshaft CL 7,59

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 ~~X~~ Good Wear Down of Stern Bushes 2.10 mm Oil Glands - Sea Connections Good

Fastenings Good Has Screwshaft ~~EXAMINED~~ 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 X~~ ~~STARBOARD~~

1 Cyls., Covers, Pistons & Rods Nos. 2 & 5 Good

2 Valves & Gears Nos. 2 & 5 Good

3 Connecting Rods, Top Ends & Guides Nos. 2 & 5 Good

4 Crankpins & Bearings Nos. 2 & 5 Good

5 Journals & Bearings Nos 3 & 6 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

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS Fw'd and aft Good

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

19 STEAM COMPRESSORS

20 CLUTCHES & HYDRAULIC COUPLINGS

21 REDUCTION GEARING

22 THRUST BLOCKS, SHAFTS & BEARINGS Good

23 INTERMEDIATE SHAFTS & BEARINGS (Aftmost bearing) Good

24 HOLDING DOWN BOLTS & CHOCKS

25 CONDENSERS (MAIN & AUX.) Good

26 STEAM RE-HEATERS

27 DE-SUPERHEATERS

28 STOP & MANOEUVRING VALVES

29 MAIN ENGINE DRIVEN PUMPS F.W. cooling pump, S.W. cooling pump & lub. oil pump Good

30 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship so far as now seen is in an efficient

condition and that in the case of this vessel the following survey record be made in the Supplement to the

Register Book CS with date on completion of the survey and that her Machinery Classification Record be

continued in the Book.

Date of Committee TUESDAY 13 SEP 1960

Decision Asua

50m,4,59 T. (MADE AND PRINTED IN ENGLAND)

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Hashiguchi's Register

Engineer Surveyor to Lloyd's Register of Shipping

S. Hashiguchi

Foundation

AM

YES NOW

Has a Survey also been held on Ship? 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) Bilge pump (port side), Outb'd fuel valve cooling pump (starb'd side) F.O. transfer pump (starb'd side), Fw'd feed water pump (starb'd side), F.O. burning pump ((port side) 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 (Fw'd cooler for generator oil engine, Cooler for fuel valve & Outboard cooler for M.E. Lub. Oil Coolers Outb'd Good 37 Heaters (state service)
 38 Independent Air Compressors, Coolers & Safety Devices Inb'd (tested) Good
 39 Air Receivers & Safety devices—Main Inb'd Good 40 Auxiliary
 41 Oil Fuel Tanks (Not forming part of hull structure) F.O. service tank (A oil), Starb'd F.O. service tank (C oil) & Fw'd F.O. settling tank (for boiler, 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) Inboard main generator oil engine 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
 Safety Valves
 Mountings, Doors & Fastenings
 Safety Valves Adjusted to { Sat.
 { Spt.
 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? Forced Circulating Pumps
 Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel

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 due to wear and tear:-

Both super chargers' ball bearings worn and renewed.

Port outboard F.O. burning pump bearings worn and renewed.

Other minor repairs effected.

Re. Circular No. 2144:-

The essential auxiliaries at sea are being driven by steam as follows:

Both air compressors, inboard F.O. burning pump, lub. oil transfer pump, Bilge pump, ballast pump, G.S. pump, fire and bilge pump, stand-by cooling pump, F.O. transfer pump, F.O. service pump, stand-by lub. oil and piston cooling pump, both feed water pumps, and windlass, therefore, the entry for the boiler in Register Book should be amended as Aux. Boiler.

LEAVE THIS SPACE BLANK

Survey fees

CS £ 78,000.

Damage fee

Expenses

2,500

Date when A/c rendered

AUG 17 1960



Lloyd's Register Foundation