

Rpt. 9

Date of writing report 2nd August, 1961

Received London

Port KOBE

No. 9306

Survey held at Kobe

No. of visits 3

First date 19th July,

Last date 25th July, 1961

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 73433 Name S.S. "NICHIEI MARU" Gross tons 11823 Date of build 12, 1950
Owners Nitto Shosen K.K. Managers Port of Registry Tokyo
Engines made Tok By Ishikawajima Jukogyo Type 2 steam turbines DR geared to sc. shaft

No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 3WTB W.P. 313 lbs Spt
No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Both
Nature of Survey CS & MBS
Was Damage Report issued? No Int. Cert.? Yes, Bl-71985
Last Report (For Head Office only) copy attached.

Table with 2 columns: Hull and Machinery. Hull: +100A1 oil tanker, SS 5,58, DS 1,61. Machinery: +IMC Engine 5,58, Boilers M 6,60, Tailshaft CL 1,61, Steampipes 5,58.

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 2.9 mm Oil Glands None 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 (RECIPROCATING I.C.) PORT

- 1 Cyls., Covers, Pistons & Rods
2 Valves & Gears
3 Connecting Rods, Top Ends & Guides (Side, Centre)
4 Crankpins & Bearings (Side, Centre)
5 Journals & Bearings

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

SCAVENGE BLOWERS

- 17 SUPERCHARGERS

MAIN TURBINES

- 18 Casings, Rotors, Blading, Bearings & Thrusts HP Good
HP & LP flexible couplings Good

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

- 20 STEAM COMPRESSORS
21 CLUTCHES & HYDRAULIC COUPLINGS
22 REDUCTION GEARING Good
23 THRUST BLOCKS, SHAFTS & BEARINGS
24 INTERMEDIATE SHAFTS & BEARINGS
25 HOLDING DOWN BOLTS & CHOCKS Good
26 CONDENSERS (MAIN & AUX.) Good
27 STEAM RE-HEATERS
28 DE-SUPERHEATERS

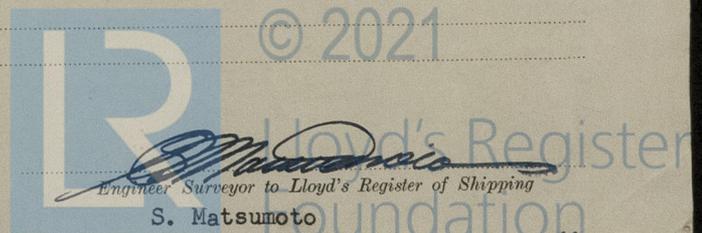
- 29 STOP & MANOEUVRING VALVES
30 MAIN ENGINE DRIVEN PUMPS Bilge & sanitary pump Good

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring? No

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 records be made in the Supplement to the Register Book CS (with date) when the survey has been completed and MBS 7,61 and that her Machinery Classification Record be continued in the Book.

Date of Committee THURSDAY 31 AUG 1961

Decision MBS 7.61



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) Main circulating pump(port side), Aux. circulating pump(port side), Outboard main feed pump(port side), Aft oil fuel burning pump (starb'd side) All 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 37 Heaters (state service) Fw'd & Aft O.F.heaters Good

38 Independent Air Compressors, Coolers & Safety Devices

39 Air Receivers & Safety devices—Main 40 Auxiliary

41 Oil Fuel Tanks (Not forming part of hull structure)

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

44 Steering Machinery Starboard Good 45 Windlass 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position) Outboard turbo generator engine (starb'd side), Steam turbine driving main circulating pump (port side), Steam turbine driving aux. circulating pump (port side), Steam turbine driving outboard main feed pump (port side) All Good

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
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 Fw'd port, Fw'd starboard and aft 21-7-61 Good

AUXILIARY, DONKEY or PRESS

Superheaters Good

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to { Sat. 313 lbs/in2
Spt. 299 lbs/in2

Boiler Securing Arrangements Good

Main Economisers Good 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)

Wear and Tear Repairs:-

197 pcs. of air heater tubes on forward starboard and aft main boilers renewed due to badly corroded.

100 pcs. of aux. condenser tubes renewed due to choked.



CS. extra w.d. M.B.S. due to 1st. and 2nd. Docking repairs. Some condenser & air heater tubes renewed.

It is submitted that this vessel is eligible for THE RECORD M.B.S. 7/61.

21/9/61

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Survey fees CS £ 50,000. MBS 63,000.

Damage fee ... 4,500

Expenses ...

Date when A/c rendered AUG - 8 1961

