

Rpt. 9

Date of writing report 11th Dec., 1958

Received London 12 JAN 1959

Port KOBE

No. 6253

Survey held at Mukaishima

No. of visits 3

First date 21st Nov.,

Last date 9th Dec., 1958.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 73003 S.S. Name M.V. "NISSHU MARU" Gross tons 6021 Date of build 1920

Owners Nippon Kaiun K.K. Managers Port of Registry Kobe

Engines made Milwaukee By Allis Chalmers Mfg., Co. Type T 3Cy. 24 1/2" 40 13/16" & 72" x 48"

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 3 W.P. 210

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Dry Dock

Nature of Survey TS & Gen. Examination of Machy.

Was Damage Report issued? - Int. Cert.? Yes, BL-30029, SS Kob(Dr) 3,55  
copy attached. D.S. - 9,57

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
BS	MBS
	Engine 3,55
	Boiler M 9,57
	Tailshaft CL 3,56
	Steam pipe 3,55

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 2.8mm Oil Glands Sea Connections Good

Fastenings Good Has Screwshaft Tubeshaft been drawn? Yes Date of Examination 21-11-58 Has Shaft been changed? No

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 STARBORD

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

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

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

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS

The Machinery and boilers of this ship, so far as now seen are in good condition and eligible in our opinion that the record TS(CL) 11,58 be made in the supplement to the Register Book and that her machinery classification record be continued in the book.

Date of Committee THURSDAY 29 JAN 1959

Decision As now TS 11 58

40m, 4.67. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

Y. Hamada & S. Hashiguchi  
Engineer Surveyor to Lloyd's Register of Shipping  
Foundation

G03364-003376-0175



32 Essential Independent Pumps (Identify by position).....  
Circulating pump, Bilge pump, Ballast pump  
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....  
Generally examined - 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).....  
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 Gen. Exd. Good..... 45 Windlass Gen. Exd. Good..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....

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..... 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 Hull bottom damage and now doen.

Propeller and TS examined as above.

All sea valves, main condenser, circulating pump, bilge pump and blaast pump and piping cleared as found necessary and replaced in order.

NOTE:- Survey confined to items described above.

The Survey was held in conjunction with the Hull bottom damage survey.



It is submitted that  
this vessel is eligible for  
THE RECORD.

TSCL 11-58

LEAVE THIS SPACE BLANK

Survey fees TS £8,000.-  
G.E. of mch. 5,000.-

Damage fee ... 10,000.-  
Expenses... 1,500.-

Date when A/c rendered

JAN - 5 1959

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Foundation