

Rpt. 9

Date of writing report 27th July, 1961 Received London Port Yokohama No. 3778
Survey held at Yokohama No. of visits 1 First date and Last date 11th July, 1961

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 92729 S.S. "SUMIDA MARU" Gross tons 9431 Date of build 6-1960
Name M.V. Nippon Yusen Kaisha Port of Registry Tokyo

Engines made 1960 By Mitsubishi Nippon Hvy. Ind., Yokohama Managers Type Oil Engine 2SA 90 740 x 1000mm

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

Table with columns for Hull and Machinery. Hull: +100A1 MTs-vegetable, DS 11/60, LP at btm EW. Machinery: +IMC, ES 6/60, BS A 6/60, TS CL 6/60.

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, Wear Down of Stern Bushes, Oil Glands, Sea Connections, Fastenings, Has Screwshaft Tubeshaft been drawn?, 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
- 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
- 26 CONDENSERS (MAIN & AUX.)
- 27 STEAM RE-HEATERS
- 28 DE-SUPERHEATERS
- 29 STOP & MANOEUVRING VALVES
- 30 MAIN ENGINE DRIVEN PUMPS
- 31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

OPINION OF MACHINERY AND RECOMMENDATIONS. The machinery of this vessel, as far as now surveyed is eligible in my opinion to remain as classed without fresh record of survey.

Date of Committee THURSDAY 24 AUG 1961 Decision As now

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Vertical text on the left edge: "Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?" and other fragments from an adjacent page.

32 Essential Independent Pumps (Identify by position)

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)

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

45 Windlass

46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

PROPULSION

PORT

STARBOARD

ELECTRICAL EQUIPMENT

AUXILIARY EQUIPMENT

a Generators

b Exciters

c Air Coolers

d Motors

e Air Coolers

f Control Gear, Cables, etc.

g Insulation Resistance

h Insulating Oil Test

i Overspeed Governors

j Magnetic Couplings

k Air Gap

l Generators & Governors

m Motors

n Switchboards & Fittings

o Circuit Breakers

p Cables

q Insulation Resistance

r Steering Gear Generators and Motors

s Navigation Light Indicators

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

AUXILIARY, DONKEY or PRESS

MAIN

Superheaters

Safety Valves

Mountings, Doors & Fastenings

Safety Valves Adjusted to { Sat. Spt.

Boiler Securing Arrangements

Main Economisers

Steam Heated Steam Generators

Were Oil Burning System & Remote Controls examined working in accordance with Rules? Exhaust Gas Heated Economisers

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Forced Circulating Pumps

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):-

Now Done :- At the request of Owner's Superintendent, attended on board for verification of renewal of Main Engine No.1 crank pin bearing bottom half. (Charantee work).

Note :- The Owners Representative stated that this item should not be credited to Continuos Survey.

LEAVE THIS SPACE BLANK

Survey fees ... £8,000.-

Damage fee ...

Expenses... £ 200.-

Date when A/c rendered ... 3.1961

Handwritten notes: New & Sea repairs, It is submitted that this vessel is eligible to remain as CLASSED. MC. 19/8/5/12

