

5 SEP 1961

Rpt. 9

Date of writing report 15th August, 1961 Received London Port KOBE No. 9285  
Survey held at Kobe No. of visits 2 First date 15th July, 1961 Last date 21st July, 1961

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 81958 ~~XXXX~~ "SUMIDA MARU" Gross tons 9431 Date of build 9, 1960  
Owners Nippon Yusen Kaisha Managers - Port of Registry Tokyo  
Engines made Yka By Mitsubishi Nippon Heavy Ind. Type Oil Engine 2SA 9Cy. 780 x 1400mm MAN  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers - W.P. -  
No. of Aux./Donkey Boilers 1 Aux. W.P. 100 lbs  
Surveyed Afloat or in Dry Dock Both  
Nature of Survey CS  
Was Damage Report issued? No Int. Cert.? Yes, B1-72247 copy attached.  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
-100A1	-1MC
MTsa - veg. oil	Engine 6,60
DS 11,60	Boiler A 6,60
	Tailshaft 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 PropellersX Good Wear Down of Stern Bushes 2 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 X (Reciprocating or I.C.) BORTX XSTARBOARDX  
1 Cyls., Covers, Pistons & Rods Nos. 1 & 4 Good  
2 Valves & Gears Nos. 1 & 4 Good  
3 Connecting Rods, X Top Ends & Guides X  
Centre Nos. 1 & 4 Good  
4 Crankpins & X Bearings X  
Centre Nos. 1 & 4 Good  
5 Journals & Bearings Nos. 4, 5 & 7 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 No. 1 (forward) Good  
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 Good  
24 INTERMEDIATE SHAFTS & BEARINGS Nos. 1 & 2 Good  
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

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 records be made in the Supplement to the Register Book CS (with date) on completion and that her Machinery Classification Record be continued in the Book.

Date of Committee MONDAY - 9 OCT 1961  
Decision As now

Noted for Header

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J. Nonomura & Y. Kojima  
Engine Surveyor to Lloyd's Register of Shipping  
Foundation  
012143 - 012202 - 0270



32 Essential Independent Pumps (Identify by position) No.1(outer) main lub. oil pump(starb'd side), No.1(outer) lub. oil pump for supercharger (starb'd side), No.1 (outer) feed water pump(starb'd side), Motor driven oil burning pump(starb'd side), Main fresh water cooling pump (starb'd 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?

Main upper Good

35 Fresh Water Coolers Aux. Good

36 Lub. Oil Coolers No.2(outer) Good

37 Heaters (state service)

38 Independent Air Compressors, Coolers & Safety Devices

39 Air Receivers & Safety devices Main Port side, Good

40 Auxiliary Good

41 Oil Fuel Tanks (Not forming part of hull structure) Settling tank (port side on partial deck in E.R. aft), Service or settling tank (centre on partial deck in E.R. aft) 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) Outer (No.2) generator oil engine (port side) Good

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD		AUXILIARY EQUIPMENT
a Generators			l Generators & Governors
b Exciters			
c Air Coolers			m Motors
d Motors			n Switchboards & Fittings
e Air Coolers			o Circuit Breakers
f Control Gear, Cables, etc.			p Cables
g Insulation Resistance			q Insulation Resistance
h Insulating Oil Test			r Steering Gear Generators and Motors
i Overspeed Governors			s Navigation Light Indicators
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 & PRESS

Superheaters

Safety Valves

Mountings, Doors & Fastenings

Safety Valves Adjusted to { Sat. 100 lbs  
Spt. -  
Good

Boiler Securing Arrangements

Main Economisers Exhaust Gas Heated Economisers

Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to Yes, Good

Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes, Good 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)

General overhauling effected as required.

At the request of the Chief Engineer, the safety valves on auxiliary boiler were adjusted under steam as stated above. This boiler was surveyed at this time by NK Surveyor only in accordance with their Rules, and we were only requested to adjust the safety valves.

LEAVE THIS SPACE BLANK

Survey fees

CS £ 87,000.-

Damage fee

Expenses...

Date when A/c rendered

AUG 30 1961

Lloyd's Register Foundation

DOCKING

C.S. Advanced.  
It is submitted that this vessel is eligible to remain as CLASSED.

30 OCT 1961