

30 MAR 1960

Rpt. 9

Date of writing report 25th Mar., 1960. Received London Port Shimonoseki. No. 1571
Survey held at Shimonoseki, Japan No. of visits 3 First date 16-3-60 Last date 19th Mar., 1960

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 29729 Name "SENZAN MARU" Gross tons 6919 Date of build 1929
Owners Towa Sempaku K.K. Managers - Port of Registry Kobe
Engines made Vegesack By Bremer Vulkan Type T3 Cy.

Records of Survey & Special Notations as per Register Book

	Hull	Machinery
No. of Main Engines	1	1
No. of Main Boilers	3	3
No. of Aux./Donkey Boilers	5	5
Surveyed Afloat or in Dry Dock	Both	Both
Nature of Survey	MBS	MBS
Was Damage Report issued?	No	No
Last Report (For Head Office only)	Int. Cert. Yes, (C-10051) copy attached.	Int. Cert. Yes, (C-10051) copy attached.
	100A1 SS 9/56	LMC
	SS (Dr) 9/52	Eng. 8/57
	Docking 3/59	B.S. M 3/59
		TS CL 3/59 N
		Sps 9/58

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 4.4 Oil Glands - 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 (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 & MANGEUVRING VALVES
30 MAIN ENGINE DRIVEN PUMPS
31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manœuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS
The machinery of this ship so far as now seen, is in good condition & eligible in my opinion to remain as now classed with fresh record of MBS 3/60.

Date of Committee THURSDAY 21 APR 1960
Decision MBS 3,00

Notes for Master



If certificate is required state where to be sent.

- 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)

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 Port 16-3-60
Center & Starbd 17-3-60 all good.

Superheaters all good.
Safety Valves all good
Mountings, Doors & Fastenings all good
Safety Valves Adjusted to { Sat. 206 lbs/ "
 Spt. 200 lbs/ "
Boiler Securing Arrangements all good

Main Economisers - Exhaust Gas Heated Economisers -
Steam Heated Steam Generators - Steam Generator Safety Valves Adjusted to Yes
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 & Tear Repairs:

Main boiler

Skimmed main feed check valve seats and bot blow off valve seat on starbd boiler.
Renewed aft safety valve spindle on centre boiler.

Expanded several leaky boiler tube ends on all boilers.

Sundry minor repairs effected.

LEAVE THIS SPACE BLANK

Survey fees M.B.S. ¥45,000

Damage fee

Expenses...

Date when A/c rendered 26th March 1960



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