

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 SS "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.  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 3 W.P. 206 lb  
No. of Aux./Donkey Boilers 5 W.P. 206 lb  
Surveyed Afloat or in Dry Dock Both  
Nature of Survey MBS  
Was Damage Report issued? No Int. Cert.? Yes, (C-10051) copy attached.  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
100A1 SS 9/56	LMC
SS (Dr) 9/52	Eng. 8/57
9/56	B.S. M 3/59
Docking 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 & MANOEUVRING VALVES  
30 MAIN ENGINE DRIVEN PUMPS  
31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring? 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, 40



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..... 40 Auxiliary.....

39 Air Receivers & Safety devices—Main.....

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..... AUXILIARY, DONKEY or PRESS.....

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/ ".....

all good.....

Boiler Securing Arrangements.....

Main Economisers..... Exhaust Gas Heated Economisers.....

Steam Heated Steam Generators..... Steam Generator Safety Valves Adjusted to Yes..... Forced Circulating Pumps..... good.....

Were Oil Burning System & Remote Controls examined working in accordance with Rules?..... Funnel.....

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

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.

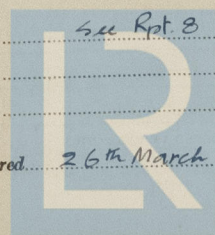
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Survey fees M.B.S. ¥45,000

Damage fee

Expenses...

Date when A/c rendered 26th March 1960



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