

Rpt. 9

Date of writing report 21st Oct., 1958. Received London Port KOBE No. 6156
Survey held at Amagasaki & Kobe No. of visits 2 First date 20th Oct., Last date 21st Oct., 1958.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 55061 S.S. "HUNYO MARU" Gross tons 3769 Date of build 1949
Owners Toyo Kisen K.K. Managers Port of Registry Tokyo
Engines made Hitachi By Hitachi Seisakusho Type 2 Steam turbines DR geared to sc. shaft.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 3 W.P. 227
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Afloat
Nature of Survey Commencement of MBS
Was Damage Report issued? G.E. for postponement E.S. Yes, Bl-52996, copy attached.
Last Report (For Head Office only)

Hull	Machinery
100A1	LMC
SS Kob - 10,54	Engine 10,54
D.S. - 12,57	Boiler M 10,57
	Tailshaft CL 11,56
	Steam pipe survey 10,54

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 (222hp. Steam ~~222hp~~) ~~222hp~~
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 and eligible in my opinion to remain as now classed in the Register Book in the case of this vessel, and to have fresh record of Main Boiler Survey 10,58 when the survey has been completed.

Date of Committee TUESDAY 25 NOV 1958
Decision As now

Noted for Header

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Engineer Surveyor to Lloyd's Register of Shipping

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		ELECTRICAL EQUIPMENT	
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 Good
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 Aft Starboard AUXILIARY, DONKEY or PRESS
20-10-1958 Good
Superheaters Not Examined
Safety Valves Not Examined
Mountings, Doors & Fastenings Not Examined except doors and fastenings.
Safety Valves Adjusted to { Sat. -
Spt. -
Boiler Securing Arrangements Good
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? NO 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)

Now done for General Examination for postponement of Engine Special Survey (due 10.58)
Electric circuits megger tested and found satisfactory.
Bilge suction tried and found in good order.
Log Books examined and found no machinery troubles have been experienced.
Machinery generally examined and tested under working condition and found satisfactory.
Now Done for Commencement of M.B.S.
Aft starboard boiler examined internally and externally.
To complete M.B.S.:—
Aft starboard boiler mountings to be examined together with superheater.
Aft port & fore centre boiler examined in their entirety. *to be* *m*
All boiler safety valves to be adjusted under steam.
Oil fuel arrangements, steam smothering arrangements and remote controls to be examined and tested.

LEAVE THIS SPACE BLANK

Survey fees Part MBS £10,000.-
G.E. 22,000.-

Damage fee
Expenses... 2,000.-

Date when A/c rendered

OCT. 28. 1958