

2 JAN 1962

Rpt. 9

Date of writing report 27th Dec, 1961. Received London Port CARDIFF. No. 61604
Survey held at Newport, Mon. No. of visits 1 First date and Last date 22.12.61

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 20626 Name S.S. "MACHARDA" Gross tons 8117 Date of build 3-1938
Owners Thos & Jno Brocklebank Ltd., Managers - Port of Registry Liverpool

Engines made 1938 By D. Rowan & Co., Ltd., Type 3 steam turbines SR geared to sc. shaft.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 4SB W.P. 250lb. Spt. Records of Survey & Special Notations as per Register Book

No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Afloat.
Nature of Survey Compln ABS
Was Damage Report issued? No Int. Cert.? Yes
Last Report (For Head Office only)

Hull	Machinery
*100A1	*LMC
DS 6-61	7-57
SS 4-58	M 8-60
	CL 6-61
	SPS 12-58
	OF. 3-38.

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 L.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? NO
OPINION OF MACHINERY AND RECOMMENDATIONS Eligible in my opinion to remain as classed with fresh record of MBS 8-61, as previously recommended.

Date of Committee 17 JAN 1962
Decision As now MBS 8.61



Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent.

NOTED FOR POSTING

Rawl.

12/12

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			
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 Starboard Forward Boiler only. AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves Good

Mountings, Doors & Fastenings

Safety Valves Adjusted to { Sat. 250 p.s.i.
 { Spt. 245 p.s.i.

Boiler Securing Arrangements

Main Economisers Exhaust Gas Heated Economisers

Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to NO

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? NO 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 completion of MBS; Starboard forward main boiler safety valves adjusted under steam. Superheat 245 p.s.i. Drum 250 p.s.i.

Conditions of Class:- starboard aft main boiler front end part (MW repairs) to be specially examined under working conditions by 30.9.61. Please see Calcutta Certificate dated 20.10.61, for latest survey.

LEAVE THIS SPACE BLANK

Survey fees

Damage fee

Expenses... ..

Date when A/c rendered

MBS due 8/61, partly held 8/61
 now completed

It is submitted that this vessel is eligible for THE RECORD. MBS 8/61

15/1/62

