

Rpt. 9

Date of writing report 27.4.59.

Survey held at Southampton.

Received London

No. of visits One

Port SOUTHAMPTON.

First date and

No.

Last date 6.4.59.

25439

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 70944. Name S.S. "MATHURA".

Gross tons 8974 Date of build 12-1920.

Owners Thos. & Jno Brocklebank Ltd. Managers

Port of Registry Liverpool.

Engines made 1928 By D. Rowan & Co. Ltd. Glasgow.

Type DR geared Turbines.

No. of Main Engines 2 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 2 DB. W.P. 200 lb.  
2 SB.

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Afloat.

Nature of Survey Repairs.

Was Damage Report issued? - Int. Cert.? Yes.

Last Report (For Head Office only)

Hull

+ 100 Al.

Docking 9,58.

SS. (Dr.) 5,47.

SS. Gls. 9,55.

Machinery

+ LMC. ES 3,55.

MBS 8,58.

TS. CL 9,58. Sps. 10,55.

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 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

ENGINE DRIVEN PUMPS

WINDLASS DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, as now seen, is in efficient working condition and eligible, in my opinion, to remain as classed without fresh record of survey, subject to the worm of the steering engine crankshaft being specially examined and dealt with as necessary, and the repaired windlass steam cylinder chest being renewed by the next Special Survey (due 9,59).

Date of Committee

Decision

THURSDAY 21 MAY 1959

As new, subject

50m, 6,56. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

A.G. Pemberton  
Engineer Surveyor to Lloyd's Register of Shipping

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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 .....
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 ..... AUXILIARY, DONKEY or PRESS .....  
Superheaters .....  
Safety Valves .....  
Mountings, Doors & Fastenings .....  
Safety Valves Adjusted to { Sat. ....  
  { Spt. ....  
Boiler Securing Arrangements .....  
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? ..... 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)  
Attended at the request of the Owner's Superintendent to examine the steering engine crank-shaft worm, which had been previously repaired. See the Secretary's letter Ref. Clas.m(S.) dated 7th April, 1959.

Now done: Steering engine examined under working conditions and found efficient for continued service.  
The vessel is now proceeding to Japan to be broken up.

LEAVE THIS SPACE BLANK

Survey fees ...  
Damage fee ...  
Expenses... ...  
Date when A/c rendered.....