

Tested

Rpt. 9

3 DEC 1959

Date of writing report 30th Dec. 1959

Received London

Port CARDIFF

No. 60997

Survey held at Newport, Mon.

No. of visits 8

First date 22.10.59

Last date 23.11.59

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 09560 Name S.S. "ELETRIC" Gross tons 4963 Date of build 1924 9

Owners Cia Puerto Rico S.A.A. Managers - Port of Registry Panama

Engines made Belfast By Workman, Clark & Co., Ltd. Type Steam T.3 Cy

No. of Main Engines one No. of Screws one Records of Survey & Special Notations as per Register Book

No. of Main Boilers 3SB W.P. 180 lbs.

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

Surveyed Afloat or in Dry Dock Both

Nature of Survey Dkg. MBS? TS

Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only)

Table with 2 columns: Hull and Machinery. Hull items include +100A1, S.S., S.S.(Dr) with values 5,57, 5,57, 7,48. Machinery items include +LMC, MBS, TS CL, sps, O.F. with values 5,57, 5,57, 8,56 N, 5,57, 4,53.

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 3/32" Oil Glands None Sea Connections not examnd.

Fastenings Good Has Screwshaft Tubeshat been drawn? Yes Date of Examination 4.11.59 Has Shaft been changed? No

Has Shaft now fitted been previously used? - Has Shaft now examined/fit to a continuous liner? Yes Approved oil gland? No

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

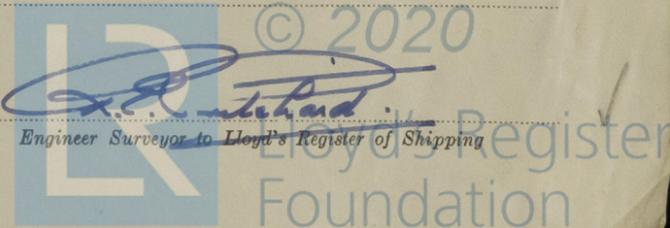
30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS This vessel's machinery, so far as now seen, is eligible in my opinion to be retained as at present classed in the Register Book and to have fresh records of MBS 11,59 and TS (CL) 11,59.

Date of Committee TUESDAY 22 DEC 1959

Decision MBS 11.59 TS 11.59



If so, is the Report sent now, or when will it be sent?

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 Tested - Good

AUXILIARY ENGINES (Identify by position)

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ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors
b Exciters			
c Air Coolers			m Motors
d Motors			
e Air Coolers			n Switchboards & Fittings
f Control Gear, Cables, etc.			o Circuit Breakers
g Insulation Resistance			p Cables
h Insulating Oil Test			q Insulation Resistance
i Overspeed Governors			r Steering Gear Generators and Motors
j Magnetic Couplings			s Navigation Light Indicators
k Air Gap			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN port & starboard main 22.10.59 Good AUXILIARY, DONKEY or PRESS

centre main 9.11.59 Good

Superheaters

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to { Sat. 180 lbs. sq. in.

{ 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? Yes - Good 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)

Cast iron propeller bore found to be corroded. The corrosion marks found to be transferred to the screwshaft cone. Shaft key slack in keyway. Now Done: Propeller shaft cone tested by magnaflux and found sound. New key made and fitted. Propeller shaft cone and propeller bore dressed up and refitted with satisfactory results. The corrossions now noted in the shaft cone and propeller bore are not considered to affect the efficiency of these parts and it is not considered that a further examination is necessary before the next due date of survey.

Boilers: Starboard boiler - port and centre furnace gourley necks grooved - now cut out and built up by E.W.

A small number of plain and stay smoke tubes expanded and minor caulking of c.c. plate seams effected.

A new tested steam pressure gauge fitted to each boiler.

Endorsement: Tap bolts in boiler butt straps specially examined internally and externally without removing same and all found to be sound with no evidence of leakage.

Recommend endorsement remain meanwhile.

LEAVE THIS SPACE BLANK

Survey fees ... MBS £24.0.0.
 TS. CL 7.0.0.

Repairs
 Damage fee ... 10.10.0.

Expenses... 3.15.0.

Date when A/c rendered 1/12/59

