

Rpt. 9

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 S.S. "ELETRIC"

Gross tons 4963 Date of build 1924 9

Owners Cia Puerto Rico S.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)

Hull	Machinery
*100A1 5,57	*LMC 5,57
S.S. 5,57	MBS 5,57
S.S. (Dr) 7,48	TS CL 8,56 N
	sp. 5,57
	O.F. 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 Tubeshaft 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

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

Engineer Surveyor to Lloyd's Register of Shipping



002543-002549-0155



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)

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 & starboard main 22.10.59 Good
centre main 9.11.59 Good
AUXILIARY, DONKEY or PRESS
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 corrosions 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 gourdley 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.

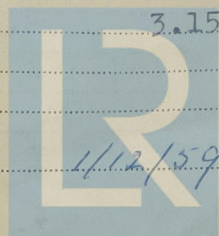
LEAVE THIS SPACE BLANK

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



© 2020

Lloyd's Register Foundation