

22 JUL 1957

Rpt. 9

Date of writing report 10th. July, 1957

Received London

Port BUENOS AIRES

No. 28254

Survey held at BUENOS AIRES

No. of visits five

First date 17-5-57

Last date 3-7-57

## REPORT OF PERIODICAL SURVEYS &amp; REPAIRS OF MACHINERY

No. in R.B. 56408 T.S.S. "CIUDAD DE BUENOS AIRES"

Gross tons 3754

Date of build 1914-11mo.

Owners Compañía de Navegación Fluvial Managers

Port of Registry

Buenos Aires

Engines made Birkenhead By Cammell Laird &amp; Co. Ltd.

Type

No. of Main Engines No. of Screws 2

Records of Survey &amp; Special Notations as per Register Book

No. of Main Boilers 4 SB W.P. 170 lbs.

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

Surveyed Afloat or in Dry Dock Both

Nature of Survey DOCKING TS-OG MBS

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

Last Report (For Head Office only)

Hull	Machinery
+A1	+INC 5.54
for service between Buenos Aires and Montevideo.	BS 5.56
7.56	TS OG p. & s. 9.53
8.8.B.16. (Dr.) 5.54	aps 5.54

Yes.

Now.

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 close fit Oil Glands Good Sea Connections Good  
Fastenings Good Has Screwshaft been drawn? Yes Date of Examination 14-6-57 Has Shaft been changed? Yes.  
Has shaft now fitted been previously used? No. Has Shaft now been fitted a continuous liner? No. Approved oil gland? Yes.

MAIN ENGINES (Recip. Steam or I.C.)

PORT

STARBOARD

1 Cyls., Covers, Pistons & Rods  
2 Valves & Gears

3 Connecting Rods. Side  
Top Ends & Guides Centre

4 Crankpins & Bearings Side  
Centre

5 Journals &amp; Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons &amp; Rods

7 Connecting Rods &amp; Top Ends

8 Crankpins &amp; Bearings

9 Journals &amp; Bearings

10 Coolers &amp; Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons &amp; Rods

12 Connecting Rods &amp; Top Ends

13 Crankpins &amp; Bearings

14 Journals &amp; Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings &amp; Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES &amp; HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS &amp; BEARINGS

24 INTERMEDIATE SHAFTS &amp; BEARINGS

25 HOLDING DOWN BOLTS &amp; CHOCKS

26 CONDENSERS (MAIN &amp; AUX.)

27 STEAM RE-HEATERS

28 DE - SUPERHEATERS

29 STOP &amp; MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS &amp; EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this vessel as far as now seen, is in efficient condition eligible, in my opinion, to remain as now classed in the Register Book, and to have fresh records of Tailshaft Survey- Now- Oil Glands- 6.57 and Main Boiler Survey 7.57.

Date of Committee

Decision

FRIDAY 16 AUG 1957

MBS 7.57

Both TSN 6.57

3 p. 8.55

for Header

Engineer Surveyor to Lloyd's Register of Shipping

T.D. Winter.

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Lloyd's Register

Foundation

002853-002857-0082

If certificate is required state where to be sent



Now Tested

- 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 _____			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 Stbd. Aft. & Port Bwd. 28-5-57.  
Stbd. Ford. & Port Aft. 11-6-57.

~~NUMERARY POWER PLANTS~~

~~EXAMINATION~~

Safety Valves \_\_\_\_\_ Good

Mountings, Doors & Fastenings \_\_\_\_\_ Good

Safety Valves Adjusted to { Sat 170 P.S.I.  
SPR

Boiler Securing Arrangements \_\_\_\_\_ Good

~~EXAMINATION~~

~~Steam started, Steam checked, etc.~~

~~Steam checked, Steam checked, etc.~~

Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes

~~Keel checked, etc.~~

~~Have Saturated Steam Pipes in cylindrical boiler smoke boxes been tested?~~

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)

**REPAIRS:-** At Owners' instigation two new screwshafts have been fitted at this time. Port shaft stamped LLOYD'S- 6176- GH- 21-10-52, Starboard shaft stamped LLOYD'S- 6177- GH- 21-10-52.- Leith forging Certs. Nos. F. 6176 & F 6177 are attached hereto.

Both shafts examined after finish machining and satisfactorily fitted without and with keys to the working propellers.

Both sternbushes and gland bushes renewed and oil glands reconditioned.

Shafts fitted, propeller nuts hardened up, oil glands tested and all left in good order.

Minor repairs effected.-

*Good*

LEAVE THIS SPACE BLANK

MBS due 5/57 now held.  
Docking. Both Screwshafts seen.  
At the Owners request both  
Screwshafts now renewed.

It is submitted that this  
vessel is eligible for THE  
RECORD. MBS 7/57  
TSN (OG) 6/57

*2/8/57*

Survey fees \$ 900.00  
TS OG \$ 3,000.00  
MBS \$ 1,000.00  
Rprs. \$

Damage fee \$ 100.00  
Expenses .. \$

Date when A/c rendered 10th July, 1957.

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