

Rpt. 9

Date of writing report 25.8.55

Received London 29 AUG 1955

Port of Piraeus

No. 6737

Survey held at Piraeus

No. of visits 186.55

First date 1.6.55

Last date 21.8.55

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.E. 33238 Name S.S. "ATHOS"

Gross tons 3958

Date of build 7-1929

Owners Avance Cia. Maritima S.A.

Managers

Port of Registry Puerto Limon.

Engines made Sld. By G. Clark Ltd.

Type T 3Cy.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 W.P. 180 lb.

No. of Aux./Donkey Boilers - W.P. (Delete)

Surveyed Afloat or in Dry Dock Both.

Nature of Survey LMC

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

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1	+LMC 1,51
3,55	BS 4,54
ssBom.- 1,51	TS CL 8,53

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 rewooded** Oil Glands **-** Sea Connections **Good.**

Fastenings **Good.** Has Screwshaft/Turbine been drawn? **Yes.** Date of Examination **4.8.55** Has Shaft been changed? **No.**

Has Shaft now fitted been previously used? **-** Has Shaft now examined/fitted a continuous liner? **Yes.** Approved oil gland? **-**

MAIN ENGINES (Recip. Steam **RECIP**) **RECIP**

1 Cyls., Covers, Pistons & Rods **Good.** **STARBOARD**

2 Valves & Gears **"**

3 Connecting Rods, Top Ends & Guides **"**

4 Crankpins & Bearings **"**

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 **Good.**

24 INTERMEDIATE SHAFTS & BEARINGS **Good.**

25 HOLDING DOWN BOLTS & CHOCKS **Good.**

26 CONDENSERS (MAIN & AUX.) **Good.**

27 STEAM RE-HEATERS **-**

28 DE-SUPERHEATERS **-**

29 STOP & MANOEUVRING VALVES **Good.**

30 MAIN ENGINE DRIVEN PUMPS **Good.**

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES **-**

Have Main Engines been tested working and manoeuvring? **Yes.**

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this vessel being in good condition it is Recommended that the records of +LMC 8,55 and screw shaft seen (CL) 8,55 be made in the Register Book in the case of this vessel. *Sps 8.55. Fitted for oil fuel 8.55 P. 150 P.*

Delete from Register Book : Auxiliary Boiler. W.P. lb.

Date of Committee **TUESDAY 22 NOV 1955**

Decision **+ LMC 8.55. S. 8.55 Sps 8.55**

Fitted for oil fuel 8.55. F.P. Done 150 P.

Noted for Header

J. Brooke Smith for A.C. Bone
Engineer Surveyor to Lloyd's Register of Shipping &

Acting Surveyor to Lloyd's Register.

CERTIFICATE WRITTEN.

003838-003445-0221

Lloyd's Register Foundation

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) **All - Good.**

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls **Good.**

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? **Yes. Good.**

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) **Good.**

42 Evaporators **-** 43 Have Evaporator Safety Valves been tested under steam? **-**

44 Steering Machinery **Good.** 45 Windlass **Good.** 46 Fire Extinguishing Arrangements **Good.**

AUXILIARY ENGINES (Identify by position) **Good.**

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD		AUXILIARY EQUIPMENT
a Generators	-		7 Generators & Governors Good.
b Exciters	-		m Motors Good.
c Air Coolers	-		n Switchboards & Fittings Good.
d Motors	-		o Circuit Breakers Good.
e Air Coolers	-		p Cables Good.
f Control Gear, Cables, etc.	-		q Insulation Resistance Good.
g Insulation Resistance	-		r Steering Gear Generators and Motors -
h Insulating Oil Test	-		s Navigation Light Indicators Good.
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 9.8.55 Starboard 12.8.55 - Good.** AUXILIARY, **None.**

Superheaters **-** Auxiliary boiler has now been removed from vessel.

Safety Valves **Good.**

Mountings, Doors & Fastenings **Good.**

Safety Valves Adjusted to { Sat. **180 lbs./sq.inch.**

{ 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? **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 **Steel. Good. 360 lbs.** 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)

The boilers have now been converted for burning oil fuel, Todd Oil Burners Ltd. system.

The unit and all pipes in connection therewith supplied by the makers.

Upon completion the system examined under working conditions. The fire extinguishing appliances examined and steam smothering lines tested and all found satisfactory.

Repairs now effected:- Auxiliary condenser all tubes removed and cleaned. A number of tubes and screwed ferrules renewed. Tail shaft liner skimmed. All lead suction pipes in engine and boiler room spaces now replaced by steel pipes.

LEAVE THIS SPACE BLANK

Survey fees **£ 117.10. 0.**

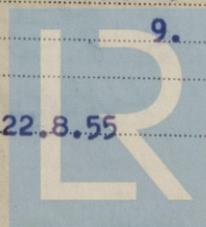
Oil fuel : **30.0. 0.**

Sunday Fee **7. 0. 0.**

Expenses... **6. 3. 0.**

Stamps. **9.**

Date when A/c rendered **22.8.55**



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