

Rpt. 9

Date of writing report 25.8.55

Survey held at Piraeus

Received London 29 AUG 1955

No. of visits 186.55

Port of Piraeus

First date 1.6.55

No. 6737

Last date 21.8.55

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 33238 S.S. Name ~~XXX~~ "ATHOS"

Owners Avance Cia. Maritima S.A.

Gross tons 3958

Date of build 7-1929

Engines made Sld. By G. Clark Ltd.

Managers

Port of Registry Puerto Limon.

No. of Main Engines 1 No. of Screws 1

Type T 3Cy.

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

No. of Aux. Boilers 1 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 with 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/Turntable 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)

1 Cyls., Covers, Pistons & Rods Good.

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

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? 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.

Delete from Register Book : Auxiliary Boiler. W.P. 1b.

Date of Committee

Decision

30m, 5, 54. T.

TUESDAY 22 NOV 1955

+ LMC 8.55.

S. 8.55

Sps 8.55

Fitted for oil fuel 8.55.

F.P. Done 1507.

Noted

for

Header

CERTIFICATE WRITTEN.

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

Acting Surveyor to Lloyd's Register.

003838-003845-0221

Lloyd's Register  
Foundation



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
a	Generators	-	-
b	Exciters	-	-
c	Air Coolers	-	-
d	Motors	-	-
e	Air Coolers	-	-
f	Control Gear, Cables, etc.	-	-
g	Insulation Resistance	-	-
h	Insulating Oil Test	-	-
i	Overspeed Governors	-	-
j	Magnetic Couplings	-	-
k	Air Gap	-	-
		AUXILIARY EQUIPMENT	
		Generators & Governors	
		Good.	
		Motors	
		-	
		Switchboards & Fittings	
		Good.	
		Circuit Breakers	
		Good.	
		Cables	
		Good.	
		Insulation Resistance	
		Good.	
		Steering Gear Generators and Motors	
		-	
		Navigation Light Indicators	
		Good.	

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, DOWNY EXPRESS

Superheaters -  
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.

Survey fees £ 117.10. 0.  
Oil fuel 30.0.0.  
Sunday Fee 7.0.0.  
Damage fee  
Expenses... 6.3.0.  
Stamps. 9.  
Date when A/c rendered 22.8.55

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