

Rpt. 9

Date of writing report 19.1.60

Survey held at Kynosoura & Piraeus

Received London

No. of visits 4

Port Piraeus

First date 7.12.59

No. 8296

Last date 19.12.59

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 01515 S.S. "ANDREAS G" Gross tons 4913 Date of build 1929-8

Owners Santa Cruz Cia.Nav. S.A. Managers - Port of Registry Beirut

Engines made Nwc. By N.E. Marine Eng. Co. Ltd. Type T 3 Cy.

No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 3 SB W.P. 225 lbs.

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

Surveyed Afloat or in Dry Dock Both

Nature of Survey DS, MBS, DGE.

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

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1	+LMC
with freeboard	ES 10,56
SS(Dr) 10,56	MBS 7,56
DS 6,57	TS CL 11,55
	SPS 10,56

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 5 mm. Oil Glands - Sea Connections -

Fastenings Good Has Screwshaft Tubeshaft been drawn? - Date of Examination - Has Shaft been changed? -

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

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 The Machinery of this vessel is eligible in my opinion to remain as now classed in the Register Book with fresh record of M.B.S. 12,59, subject to the stbd. pedestal bracket to steering engine shaft being dealt with on vessel's arrival at Japan.

Date of Committee

Decision

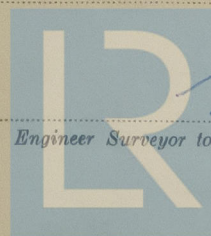
THURSDAY - 3 MAR 1960

Deferred for 15 (subject)

Noted for Header

40m.3.58 T. (MADE AND PRINTED IN ENGLAND.)

MBS 12.59



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Lloyd's Register Foundation

Engineer Surveyor to Lloyd's Register of Shipping

002592-002601-0125 1/2

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 ..... Good.

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

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	PORT	STARBOARD
a Generators .....		AUXILIARY EQUIPMENT	
b Exciters .....		l Generators & Governors .....	
c Air Coolers .....		m Motors .....	
d Motors .....		n Switchboards & Fittings .....	
e Air Coolers .....		o Circuit Breakers .....	
f Control Gear, Cables, etc. ....		p Cables .....	
g Insulation Resistance .....		q Insulation Resistance .....	
h Insulating Oil Test .....		r Steering Gear Generators and Motors .....	
i Overspeed Governors .....		s Navigation Light Indicators .....	
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, Centre & Stbd. 7.12.59 & 11.12.59 Good. ~~ADDITIONAL DEFECTS OF REPAIRS~~

~~Superheaters~~

Safety Valves ..... Good.

Mountings, Doors & Fastenings ..... Good.

Safety Valves Adjusted to Sat. 225 lbs./sq.in. ....

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. .... ~~Fixed Economiser~~

~~EXHAUST GAS HEATED ECONOMISERS WITH SMOKE BOXES HAVE BEEN REPAIRED 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)

Damage Survey (Heavy weather 31.12.57- 25.1.58)

FOUND: Steering gear pedestal bracket on s.s. fractured in 1 place. ....

H.P. bled steam pipe to heater tee piece fractured. ....

Aux. exhaust steam pipe to branch piece fractured at flange (temporarily repaired at sea, previously. ....

Windlass guard plates and winch Nos. 2, 3 and 4, port and stbd. missing. ....

RECOMMENDED: To renew. ....

Temporarily repaired by crew previously at sea. No new casting was available and this repair was left outstanding to be carried out at Japan. ....

To renew. ....

To renew. ....

Cont/...

Survey fees £ 36. 0. 0

Late Fee 6. 0. 0

Class. Dge. 5. 0. 0

Stamps 9

Damage fee ...

Expenses... 4. 0. 0

Date when A/c rendered 19.1.60

Rpt. 9a

Port of

Piraeus

Continuation of Report No. 8296

dated 19.1.60

on the

S.S. "ANDREAS G"

All the above items have been dealt with to my satisfaction with the exception of the steering gear pedestal bracket which will be dealt with on the vessel's arrival at Japan and the windlass guard plates and winch.

Damage 1 (Heavy weather damage 31.12.57-25.1.58)

The following items have not been dealt with at this time.

Turning gear main wheel. (bolted in two halves to the crankshaft) on half found fractured at corner of keyway, to renew.

Condition of class

"(s) pedestal bracket to steering engine shaft". It is recommended that this item be dealt with on vessel's arrival at Japan.

"Aux. exhaust and HP steam to heater pipe to be repaired at Piraeus" this item dealt with under damage repairs.

*SAK*