

Rpt. 9

Date of writing report 18-6-62 Received London Port NAPLES (Italy) No. 7446
Survey held at Naples No. of visits 2 First date 13-6-62 Last date 16-6-62

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 08617 S.S. "DIANA" Gross tons Date of build
Owners "ADRIATICA" Soc.per Azioni di Nav. Managers - Port of Registry
Engines made Mfl. By C.R.D.Adriatico Type 2 st.turb.DR.geared to sc.shaft.
No. of Main Engines 2 No. of Screws 1
Records of Survey & Special Notations as per Register Book

No. of Main Boilers 3SB W.P. 185lb Spt.
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Afloat
Nature of Survey SPS.
Was Damage Report issued? - Int. Cert.? Yes
Last Report (For Head Office only)

Hull	Machinery
100A1 With Fbd.	LMC Steam Turbines
(Dr)8,60	ES.8,60
DS.12,61	M.10,61
	CL.1,61
	SPS.2,56

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.

Yes DOCKING Propellers - Wear Down of Stern Bushes - Oil Glands - Sea Connections -
Fastenings - 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

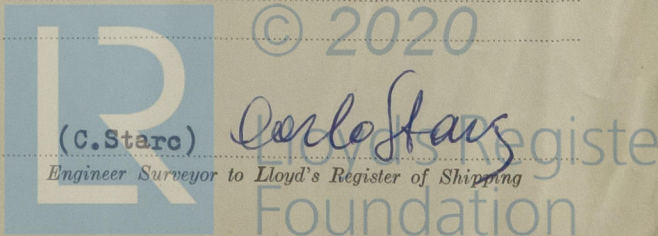
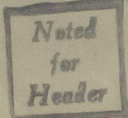
SCAVENGE BLOWERS
16
17 SUPERCHARGERS

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 & MANŒUVRING VALVES
30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manœuvring?
OPINION OF MACHINERY AND RECOMMENDATIONS The MACHINERY of this Ship, so far as now surveyed, is eligible, in my opinion, to remain as now classed, with fresh record of SPS.6,62

Date of Committee As now
Decision



- 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).....

PROPULSION		ELECTRICAL EQUIPMENT	
		PORT	STARBOARD
a	Generators		
b	Exciters		l Generators & Governors
c	Air Coolers		
d	Motors		m Motors
e	Air Coolers		
f	Control Gear, Cables, etc.		n Switchboards & Fittings
g	Insulation Resistance		o Circuit Breakers
h	Insulating Oil Test		p Cables
i	Overspeed Governors		q Insulation Resistance
j	Magnetic Couplings		r Steering Gear Generators and Motors
k	Air Gap		s Navigation Light Indicators

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN		AUXILIARY, DONKEY or PRESS	
Superheaters			
Safety Valves			
Mountings, Doors & Fastenings			
Safety Valves Adjusted to			
Boiler Securing Arrangements			
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?		Forced Circulating Pumps	
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?		Funnel	

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main	Steel, tested to 2 WP. Good	Auxiliary (over 3 in. bore)	—
Were Copper Pipes annealed?	—	Have Saturated Pipes in cylindrical boiler smoke boxes been tested?	No (please see note)

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)

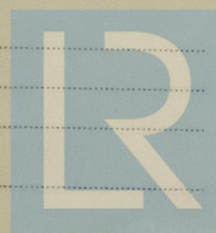
NOTE :- The Owners Representative stated that the saturated^{STEAM}Pipes in cylindrical boiler smoke boxes will be examined and tested at the next Boiler Survey, which will become due next October.

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Survey fees SPS. Lit. 16.000
General Expenses " 6.000
Tax " 1.254

Damage fee ...
Expenses... ..

Date when A/c rendered.....



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Foundation