

Rpt. 9

25963

Date of writing report 3rd May, 1961 Received London Port of Genoa No. of visits 6 First date 13/4/61 Last date 22/4/61

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 79871 Name M.V. "SERGIO LAGHI" Gross tons 10495 Date of build 1942 Owners A.G.I.P. S.p.A. Managers "SNAM" Soc. Naz. Metanodotti SpA Port of Registry Genoa Engines made 1942 By C.R.D. Adriatico, Trieste. Type Oil engine 2SA 9Cy. - Salzer

Table with columns for Hull and Machinery. Hull: 100A1 oil tanker, SS(Dr) 11/55 12/59, DS 12/59. Machinery: LMC CS 12/59, BS A 12/59, TS CL 12/58, SPS 11/55.

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".

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

- DOCKING Propeller good Wear Down of Stern Bushes 4 mm. Oil Glands Sea Connections not exd. Fastenings Outside-good Has Screwshaft been drawn? no 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 (I.C.) NOBT STEERBOARD 1 Cyls., Covers, Pistons No 2, 3, 5 & 6 - good. 2 Valves & Gears No 2, 3, 5 & 6 - good. 3 Connecting Rods, Top Ends & Guides No 3 - good. 4 Crankpins & Bearings No 2 & 3 - good. 5 Journals & Bearings No 7 - good. 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 - good (H. tested). 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, so far as now surveyed, is in efficient condition and eligible, in my opinion, to remain as Classed with fresh record of CS(with date) on completion of survey, and ABS 4.61.

Date of Committee THURSDAY - 8 JUN 1961 Decision ABS 4.61

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If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) Inboard S.W. main circulating pump, ED = Aft F.W. main circulating pump, ED = Good^u.

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 AUXILIARY, ~~BOILER PRESS~~ both - good.
 examined = 22/4/61

Superheaters of both - good.

Safety Valves of both - good.

Mountings, Doors & Fastenings of both - 170 lbs. sq."

Safety Valves Adjusted to { Sat.
 { Spt. of both - good.

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? yes (in order) • 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 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

Main engine : N° 2 & 3 cylinder liners renewed for wear.
 N° 6 piston crown renewed for wastage. New liners and piston crown duly tested.
 Piston rings renewed.
 N° 3 bottm end bearing upper half and N° 7 main bearing lower half found with the white metal cracked now remetalled.
 Crankshaft deflection readings have been taken and found or now placed in order.
 Inboard S.W. main circulating pump : impeller shaft rebushed.
 Aux. steam condenser : leaks at various tubes have been satisfactorily repaired. Tested the condenser on completion of repairs.
 Port outboard electric generator : commutator found worn and grooved has now been skimmed.
 The external light cables on the bridge house found wasted have now been renewed.
 The tube nests of the purifier steam heaters have now been renewed and tested on completion.
 Other minor repairs for maintenance routine satisfactorily carried out.

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Survey fees DS = £6000 @ 15% = 5100
 CS = £20000 " " = 20400
 ABS = £35000 " " = 29750

RPRS Damage fee ... £8000 " " = 6800

Expenses... (See Rpt 8)

Date when A/c rendered

4/5/61

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