

Rpt. 9

Date of writing report 4.10.60 Received London _____ Port Piraeus No. 8627
 Survey held at Scaramanga No. of visits 4 First date 21.9.60 Last date 4.10.60

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 77068 Name S.S. "EPHESOS" (Ex. "RAS AL ARDH") Gross tons 18171 Date of build 1949-6
 Owners Reymar Compania Naviera S.A. Managers M.J. Goulandris, London. Port of Registry Monrovia
 Engines made Lyn. By General Electric Co. Type 2 steam turbines 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 2WTB W.P. 965 lbs. Spt. 880°F. 897 lbs.

	Hull	Machinery
No. of Aux./Donkey Boilers	- W.P. -	+LMC
Surveyed Afloat or in Dry Dock	<u>Both</u>	
Nature of Survey	<u>oil tanker</u>	<u>ES 8,58</u>
Was Damage Report issued? - Int. Cert.? <u>Yes.</u>	<u>SS 8,58</u>	<u>MBS 1,60</u>
Last Report (For Head Office only)	<u>DS 1,60</u>	<u>TS CL 7,58</u>
		<u>SPS 8,58</u>

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
Now.

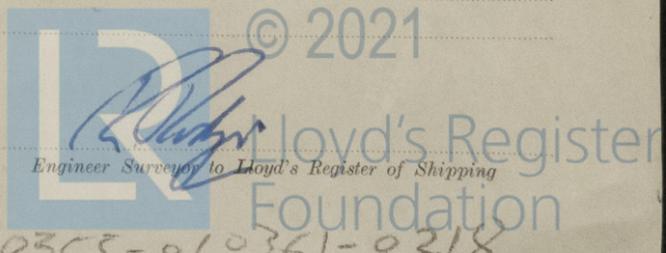
Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

DOCKING Propellers Good. Wear Down of Stern Bushes 3.5 mm. Oil Glands - Sea Connections -
 Fastenings Good. Has Screwshaft Tubeshaft 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 (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 & 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 vessel is eligible in my opinion to remain as now classed in the Register Book with fresh record of M.B.S. 10,60.

Date of Committee THURSDAY 20 OCT 1960
 Decision MBS 10.60



010355-010361-0218

If certificate is required state where to be sent

"EPHESOS" (Ex. RAS AL ARDH)

- 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).....

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 Stbd. 21.9.60 Port 24.9.60 ~~XXXXXXXXXXXXXXXXXXXX~~

Superheaters Good.

Safety Valves Good.

Mountings, Doors & Fastenings Good.

Safety Valves Adjusted to { Sat. 965 lbs./sq.in.
Spt. 897 lbs./sq.in.

Boiler Securing Arrangements Good.

Main Economisers Good. 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. 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..... 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)

Minor boiler mounting repairs effected.

The HP turbine was opened up for inspection by new owners.

A piece of distorted steel about 2" long and 1/4" diameter was found jammed in first row of lower stationary blading.

Rotor was lifted and upon examination the only damage found was that a number of blades of first two rows of the rotor were slightly distorted at edges. The blading was considered efficient but it is submitted should be noted in S.R.L. appendix.

LEAVE THIS SPACE BLANK

Survey fees £.. 42. 0. 0
Stamps 9

Damage fee
Expenses... 4. 0. 0

Date when A/c rendered 4.10.60

