

1 MAY 531

Rpt. 9

Date of writing report 26.4.61 Received London Port Piraeus No. 8965  
Survey held at Piraeus No. of visits 5 First date 30.11.60 Last date 6.4.61

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 4326 S.S. Name "HELLAS" Gross tons 4326 Date of build 1935-1  
Owners Typaldos Brothers S.S.Co.Ltd. Managers - Port of Registry Piraeus  
Engines made Gls. By A.Stephen & Sons Ltd. Type 6 steam turbines SR geared to 2 sc. shafts  
No. of Main Engines 6 No. of Screws 2 Records of Survey & Special Notations as per Register Book  
No. of Main Boilers 3 WTB W.P.430 lbs.Spt.415 lbs.  
No. of Aux./Donkey Boilers - W.P. -  
Surveyed Afloat or in Dry Dock Both  
Nature of Survey DS,MBS,TS,CS.  
Was Damage Report issued? No Int. Cert.? Yes.  
Last Report (For Head Office only)

Hull		Machinery	
+100A1		+LMC	
with freeboard		CS	3,60
SS	12,55	MBS	7,59
DS	3,60	TS CL p	8,57N s 10,56
		SPS	12,55

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". 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.

Now. DOCKING Propellers Good. Port Rewooded Stbd. 3 mm Oil Glands No. Sea Connections Good.  
Fastenings Good. Has Screwshaft Tubeshaft been drawn? Yes. Date of Examination P&S 17.3.61 Has Shaft been changed? No.  
Has Shaft now fitted been previously used? - Has Shaft now examined/fit a continuous liner? Yes. Approved oil gland? No.  
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.) Port Main Air Ejector Good.  
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? Good.

P & S. P turbines complete (at Genoa, subject dated 28/2/61)

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 records of M.B.S. 4,61, T.S.(CL) 3,61 P & S, & C.S.(with date) on completion of the survey.

Date of Committee THURSDAY 29 JUN 1961  
Decision

Noted for Header



012265-012272-0022

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

If certificate is required state where to be sent



- 32 Essential Independent Pumps (Identify by position) Port main extraction pump; Stbd. turbo feed pump; Stbd. main extraction pump; Stbd. aux. extraction pump.
- 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) S tbd. Turbo Generator Turbine Gearing & L.O. Cooler Good.  
Centre Turbo Generator Turbine Gearing & L.O. Cooler Good.

PROPULSION		ELECTRICAL EQUIPMENT	
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 Port, Stbd. & Fwd. 28.2.61

AUXILIARY, DONKEY & PRESS

Superheaters Good.

Safety Valves Good.

Mountings, Doors & Fastenings Good.

Safety Valves Adjusted to { Sat. 430 lbs./sq.in.  
Spt. 415 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. 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)

Port tail shaft wood bearing found with excessive clearance 5.5mm now rewooded.

Stbd. aux. extraction pump impeller shaft renewed with ship's spare.

Stbd. main extraction pump new impeller shaft fitted.

The port and stbd. HP Main Engine Turbines were removed at this time, repaired in Italy, and re-installed. A certificate covering the work carried out in Italy is enclosed herewith.

Survey fees MBS £ 54. 0. 0  
TS 21. 0. 0  
Turbine rps(carried out at Genoa 19.1.61) 47. 0. 0  
Damage fee ... 50. 0. 0  
Part C.S. 1. 3. 0  
Expenses... ..

Date when A/c rendered 26.4.61

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RECORD. It is submitted that this vessel is eligible for THE MBS (Mrs) 4/61 S (Mrs) 3/61

MBS due 7/62 Both accounts to be cleared