

Rpt. 9

Date of writing report 24<sup>th</sup> May 1957

Received London

31 MAY 1957

Port H A M B U R G

No. 5631

Survey held at H A M B U R G

No. of visits 1

First date 24<sup>th</sup> MayLast date 18<sup>th</sup> May 1957

## REPORT OF PERIODICAL SURVEYS &amp; REPAIRS OF MACHINERY

No. in R.B. 73011 Name ~~SS~~ Training Ship "P A M I R" Gross tons 3103 Date of build 10-1905  
Owners Stiftung "Pamir" und "Passat" Managers Zerssen & Co. Port of Registry L ü b e c k  
Engines made 1905 By Fr. Kropp Germ. A.G. Type Oil Engine 4 SA 6 Cy.

No. of Main Engines 1 No. of Screws 1

Records of Survey &amp; Special Notations as per Register Book

No. of Main Boilers - W.P. -

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

Surveyed Afloat or in Dry Dock Dry dock

Nature of Survey Docking

Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only)

Hull	Machinery
* 100 A1	LMC 6/56 (CS)
SS (Dr) 12/51 Ham 6/56	CL 5/56
6/56	
Reclassified 12/51	

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 2.0 mm Oil Glands - Sea Connections -  
Fastenings outside 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 & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring? No.

## OPINION OF MACHINERY AND RECOMMENDATIONS

The Machinery of this ship as now seen, is in efficient condition and eligible, in my opinion, to remain as now classed, with fresh record of LMC-CS (with date), when the Survey has been completed.

THURSDAY 20 JUN 1957

Date of Committee

Decision As next (with endant)

50m, 6.56. T. (MADE AND PRINTED IN ENGLAND.)

R. H. Leonard  
Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register  
Foundation



9/5631.

- 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.....			1 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, DONKEY or PRESS.....

Superheaters.....

Safety Valves.....

Mountings, Doors & Fastenings.....

Safety Valves Adjusted to { Sat.....

Spt.....

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..... 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)

No Repairs:-  
List of Endorsements:- "Emergency battery to be renewed".  
Regarding this item this matter has been discussed with the Owners,  
who have issued instruction, that a new emergency battery is to be  
placed on board on vessels return from present voyage.

LEAVE THIS SPACE BLANK

Survey fees ... See Rpt. 8

Damage fee ...

Expenses... RM 5.00

Date when A/c rendered 29-5-57

