

Rpt. 9

Date of writing report 24.11.55

Received London

Port Bremen

30 NOV 1955

No. 1473

Survey held at Bremen

No. of visits 4

First date 15.11.55.

Last date 23.11.55.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 22708 Name ~~XXX~~ Aux. M.V. "PAMIR"
Owners Landesbank u. Girozentrale Schles- Managers Zerssen & Co.
Engines made 1905 wig-Holstein By Fr. Krupp Germ. A.G. Gross tons 3103 Date of build 1905 10mo.
No. of Main Engines 1 No. of Screws 1 Port of Registry Lübeck
No. of Main Boilers - W.P. - Type Oil Engine 4SA
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock afloat
Nature of Survey Adv. of LMC CS, el. inst., altera-
tions, Repairs
Was Damage Report issued? no Int. Cert.? -
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1	LMC 12,51
ss 12,51 Ke1 (dr)	m43ref12,51
dckg. 6,52	TS CL 6,52
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 that 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 cancelled from forward.

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/Altered a continuous survey? Approved oil gland?

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods Nos. 4 & 6, good

2 Valves & Gears Nos. 4 & 6, good

3 Connecting Rods, Top Ends & Guides Nos. 4 & 6, good

4 Crankpins & Bearings All good

5 Journals & Bearings All good

MAIN ENGINE DRIVEN AIR COMPRESSORS

1 Cyls., Covers, Pistons & Rods

2 Connecting Rods & Top Ends

3 Crankpins & Bearings

4 Journals & Bearings

5 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

1 Cyls., Covers, Pistons & Rods

2 Connecting Rods & Top Ends

3 Crankpins & Bearings

4 Journals & Bearings

5 Levers

6 SCAVENGE BLOWERS

7 SUPERCHARGERS

MAIN TURBINES

1 Casings, Rotors, Blading, Bearings & Thrusts

2 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

3 STEAM COMPRESSORS

4 CLUTCHES & HYDRAULIC COUPLINGS

5 REDUCTION GEARING

6 THRUST BLOCKS, SHAFTS & BEARINGS good

7 INTERMEDIATE SHAFTS & BEARINGS

8 HOLDING-DOWN BOLTS & CHOCKS

9 CONDENSERS (MAIN & AUX.)

10 STEAM REHEATERS

11 DE-SUPERHEATERS

12 STOP & MANOEUVRING VALVES

13 MAIN ENGINE DRIVEN PUMPS

14 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? yes

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel is in good order and eligible in my opinion to remain as classed in the Register Book with fresh record of +LMC CS with date, when the present continuous survey cycle has been completed. End. 315 Ah emergency battery to be renewed at Owners' convenience.

Subject

Date of Committee

THURSDAY 19 JAN 1956

Decision

As above, Subject
(with endorsement)

Engineer Surveyor to Lloyd's Register of Shipping

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 good 45 Windlass good 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....

ELECTRICAL EQUIPMENT			AUXILIARY EQUIPMENT
PROPULSION	PORT	STARBOARD	
a Generators.....	1 Generators & Governors.....
b Exciters.....	2 Motors.....
c Air Coolers.....	3 Switchboards & Fittings.....
d Motors.....	4 Circuit Breakers.....
e Air Coolers.....	5 Cables.....
f Control Gear, Cables, etc.....	6 Insulation Resistance.....
g Insulation Resistance.....	7 Steering Gear Generators and Motors.....
h Insulating Oil Test.....	8 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)

LMC CS case: The 315 Ah emergency battery remains to be renewed at the Owners' convenience and the Owners' Representative states that a spare battery has been ordered and will be fitted first opportunity. He also states that the present continuous survey cycle will be advanced on vessels' return from her contemplated voyage about February 1956.

Machinery repairs (wear): M.E. No.6 b. e. bearing, upper halve renewed, new halve rescraped and all adjusted in good order (whitemetal found cracked).- M.E. No.5 journal bearing re-whitemetaled (whitemetal cracked), and bearings refitted and adjusted satisfactorily.

Minor adjustments to M.E. No.4 and 6 pistons carried out and M.E. re-assembled in good working order.- On completion main- and auxiliary engine trials witnessed at quay-side. Manoeuvring of M.Engine tested and all found or made satisfactory.

// Electrical installation 75 KW's: The 315 Ah Edison-emergency battery was found badly defective and has been removed.

As the navigation-lights, compass lights and the ships' emergency lighting were connected to the 24 volts em. switchboard fed by the above battery, a connection from the emergency switchboard to the 220 volt ships-installation and main-switchboard has been made at this time, all the cables
CONT'D/.....

LEAVE THIS SPACE BLANK

Survey fees ... LMC CS £ 18 0 - 0 DM 246.00 ✓
Repairs £ 8 0 - 0 DM 96.00 ✓
El.inst. £ 12 10 - 0 DM 150.00 ✓
Damage fee ...
Expenses... Trav. £ 1 0 - 0 DM 12.00 ✓

Date when A/c rendered.....



M.V. "PAMIR"

of the 24 volt-system have been especially examined and megger tested and were found or made good, emergency switchboard has been refused as found necessary, 24 volt - volts - and ammeter of emergency switchboard were disconnected. Lighting- and control lamps in the 24 volt-system changed, all lamp sockets overhauled and the new arrangement examined and tested under working conditions and all found or placed in good order.

The above arrangements is considered to be efficient meantime and the renewal of above emergency battery may be inserted in the List of Endorsements at the Owners' convenience. On completion the Dynamo sets, main- and emergency switchboards with the new connections and circuits, control gear, cables fuses and fittings of the whole installation examined, governing of generator-sets tested, the insulation resistance measured and all found satisfactory.

*GMB.*SRH No 139 :

Item in SRH, viz: Fit propeller of new design first opp.
Now done: Stated by the Owners Representative
new propeller fitted last D.O. 6.55.
at Hamburg, TSCC drawn 6.55. *GMB.*