

Rpt. 9

Date of writing report 7-2-1962 Received London Port of Amsterdam No. 24650  
Survey held at Amsterdam No. of visits 2 First date and Last date 3-2-1962

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 36627 Name S.S. "WARMA" Gross tons 1977 Date of build 5-1925  
Owners A/B Baltic Lloyd Line Ltd O/Y Managers Herbert Janhonen Port of Registry Helsingfors  
Engines made Elbing By F.Schichau GmbH Type T3Cy

No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 2 W.P. 200 lb Spt  
No. of Aux./Donkey Boilers - W.P. -  
Surveyed Afloat or in Dry Dock drydock  
Nature of Survey Cond + alteration  
Was Damage Report issued? - Int. Cert.? Yes  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Table with 2 columns: Hull and Machinery. Hull entries: + 100 A 1, SS 4/58, Dr 1/49, d 3/61. Machinery entries: + LMC, eng. 4/58, boil.M 6/60, TSCL 3/61, Sps 4/58.

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 Propeller 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

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

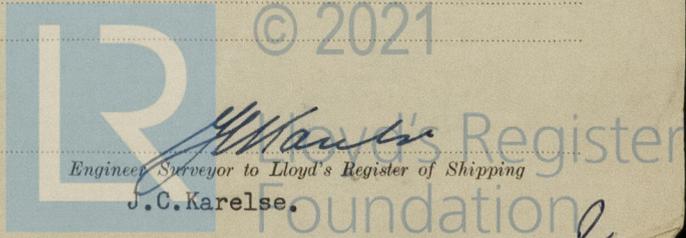
- 29 STOP & MANOEUVRING VALVES
30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this ship as now seen is in good condition and eligible in my opinion to remain as classed.

Date of Committee Decision MONDAY - 2 APR 1962 Reopened for comp. MBS



- 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** ..... **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)

Now done :  
Ship placed in drydock only for fitting of steel propeller for navigating in ice.  
Exd fit of propeller and all found efficient.

**NOTE :** as the vessel was only put into drydock for changing propeller nothing has been done to the boiler survey this time.

*Docking for change of propeller.*

*It is submitted that this vessel is eligible to remain as CLASSED.*

*27. 3. 62.*

*M.B.S. Not advanced (for anti-tanking items see Classing Letter of 23.2.62 to Helmsingfors).*

*LEAVE THIS SPACE BLANK*

Survey fees ..... -

Alter. ..... f. 60,--

~~DECK~~ .....

Expenses .. ..... 2.0,--

Date when A/c rendered ..... 12/3/62



© 2021 Lloyd's Register Foundation