

Rpt. 9

Date of writing report 18-6-57.
Survey held at 65725

Received London
No. of visits 1

Port ROTTERDAM
First date and Last date 25 JUN 1957 31-5-57-
No. 43627-B

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 65725 Name S.S. "K A I S A N I E M I"
Owners Etela-Suomen Laiva o/y Managers --
Engines made 1940 By Ottensener Eisenwerk, Hamburg
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 WTB W.P. 2351bs spt. 2251bs
No. of Aux./Donkey Boilers (3660) -- W.P. --
Surveyed Afloat or in Dry Dock in drydock
Nature of Survey condition
Was Damage Report issued? -- Int. Cert.? yes
Last Report (For Head Office only)

Gross tons 1989 Date of build 1940
Port of Registry Helsingfors
Type C 4 C.V. MN (330)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
100A1	LMC 6-55
Classed 9-51	BS 6-56
dock 8-56	TS 6-55 CL
SS. Bhn 6-55	sps 6-55

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.

DOCKING Propellers good Wear Down of Stern Bushes 2,2 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.)

- 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

SCAVENGE BLOWERS SUPERCHARGERS

MAIN TURBINES

- 16 CASINGS, ROTORS, BLADING, BEARINGS & THRUSTS

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

- 19 STEAM COMPRESSORS
20 CLUTCHES & HYDRAULIC COUPLINGS
21 REDUCTION GEARING
22 THRUST BLOCKS, SHAFTS & BEARINGS
23 INTERMEDIATE SHAFTS & BEARINGS
24 HOLDING DOWN BOLTS & CHOCKS
25 CONDENSERS (MAIN & AUX.)
26 STEAM RE-HEATERS
27 DE-SUPERHEATERS
28 STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

- 29 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel may be continued as classed without fresh records.

Date of Committee
Decision As now.

30m, 5, 54. T.

TUESDAY 16 JUL 1957

L. Nieuwland.
Engineer Surveyor to Lloyd's Register of Shipping

L. Nieuwland.

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Foundation

009139-009143-0155

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)

Table with 4 columns: PROPULSION, PORT, STARBOARD, ELECTRICAL EQUIPMENT, AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, Generators & Governors, Motors, Switchboards & Fittings, Circuit Breakers, Cables, Insulation Resistance, Steering Gear Generators and Motors, Navigation Light Indicators.

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)

LEAVE THIS SPACE BLANK

Survey fees

N O F E E

Damage fee

Expenses

Date when A/c rendered

Docking

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

OK

9 JUL 1957

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