

27 JUN 1958

Rpt. 9

Date of writing report 24.6.58

Received London

Port Helsingfors

No. 6665 E

Survey held at Helsingfors (Helsinki)

No. of visits 5

First date 24.4.58

Last date 9.5.58

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 16091 Name S.S. "KAISANIEMI" Gross tons 1989 Date of build 1940

Owners Etelä-Suomen Laiva Oy Managers - Port of Registry Helsingfors

Engines made 1940 By Ottensener Eisenwerk Type

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 W.P. 235 lbs.

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

Surveyed Afloat or in Dry Dock drydock

Nature of Survey MBS and TS

Was Damage Report issued? - Int. Cert.? yes.

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
100 A 1	LMC 6.55
6.57	MBS 6.57
	TS 6.55
	CL
ssBhn. 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.

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

DOCKING Propellers/ good Wear Down of Stern Bushes 4.25 mm Oil Glands - Sea Connections good  
Fastenings good Has Screwshaft Tubeshaft been drawn? yes Date of Examination 3.5.58 Has Shaft been changed? no  
Has Shaft now fitted been previously used? - Has Shaft now examined/MBA a continuous liner? yes 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)

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

29 MAIN ENGINE DRIVEN PUMPS

30 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery is eligible in my opinion to remain as classed with fresh record of MBS 5.58 and of TS (CL) 5.58.

TUESDAY 22 JUL 1958

Date of Committee MBS 5.58  
Decision TS 5.58

50m, 6, 56. T. (MADE AND PRINTED IN ENGLAND.)

Notes for Header



If certificate is required state where to be sent.

- 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 Both boilers, good ..... AUXILIARY, DONKEY or PRESS ..... -

Superheaters ..... good

Safety Valves ..... good

Mountings, Doors & Fastenings ..... good

Safety Valves Adjusted to { Sat. 235 lbs.

{ Spt. 225 lbs.

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? ..... - Forced Circulating Pumps ..... -

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? ..... - Funnel in order

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)

As the rudder head was found twisted about 10° the steering gear and machinery was opened for inspection and after overhaul and minor repair was found in order.

MBS due 6/58 now held and  
Screwshaft examined.

It is submitted that this vessel is eligible for THE RECORD. MBS 5/58 TS (C) 5/58

LEAVE THIS SPACE BLANK

Survey fees ... Fmk. 32.500:-

Damage fee ... -

Expenses... ..

Date when A/c rendered... 20.5.1958.

