

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

Records of Survey & Special Notations as per Register Book

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)

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.

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/MPD 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

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?

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.

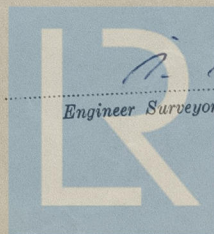
TUESDAY 22 JUL 1958

Date of Committee

Decision

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

Noted for Header



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Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

009139-009143-0122

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
b Exciters
c Air Coolers
d Motors
e Air Coolers
f Control Gear, Cables, etc.
g Insulation Resistance
h Insulating Oil Test
i Overspeed Governors
j Magnetic Couplings
k Air Gap
l Generators & Governors
m Motors
n Switchboards & Fittings
o Circuit Breakers
p Cables
q Insulation Resistance
r Steering Gear Generators and Motors
s Navigation Light Indicators

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.

LEAVE THIS SPACE BLANK

Survey fees ... Fmk. 32.500:-

Damage fee ...

Expenses ...

Date when A/c rendered 20.5.1958.

MBS due 6/58 now held and screwshaft examined.

It is submitted that this vessel is eligible for THE RECORD.MBS 5/58 TS (C4) 5/58

17/7/58