

Rpt. 9

Date of writing report 17th Nov.-58

Survey held at Raumo

Received London

No. of visits 2

Port

First date 8-11-58

Last date 12-11-58

Abo

-2 DEC 1958

No. 97.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 77439 S.S. Name M.V. "RUTH NURMINEN" Gross tons 4631 Date of build 9-1920
Owners John Nurminen Managers -- Port of Registry Helsingfors
Engines made By Rankin & Blackmore Ltd. Type T 3 Cy.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 3 SB W.P. 180 lb
No. of Aux./Donkey Boilers -- W.P. --
Surveyed Afloat or in Dry Dock in Drydock
Nature of Survey MBS & 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
+100A1 SS(Dr) 4/57	+LMC
DS 5/58	ES 4/57
	MBS 4/57
2 dks	TS CL 4/57N

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 1.5 mm. Oil Glands -- Sea Connections --
Fastenings Good Has Screwshaft Tubeshaft been drawn? -- Date of Examination -- Has Shaft been changed? Yes
Has Shaft now fitted been previously used? No Has Shaft now examined/fitted a continuous liner? Yes Approved oil gland? --

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

PORT

STARBOARD

- Cyls., Covers, Pistons & Rods
- Valves & Gears
- Connecting Rods, Top Ends & Guides Side
Centre
- Crankpins & Bearings Side
Centre
- Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

- Cyls., Covers, Pistons & Rods
- Connecting Rods & Top Ends
- Crankpins & Bearings
- Journals & Bearings
- Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

- Cyls., Covers, Pistons & Rods
- Connecting Rods & Top Ends
- Crankpins & Bearings
- Journals & Bearings
- Levers

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

- Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship, as far as now seen, is in good condition and eligible in my opinion to remain as classed with fresh record TS CL 11/58 and MBS 5/58 as previously recommended subject to evaporator not to be used until surveyed.

Date of Committee

Decision

TUESDAY - 6 JAN 1959

As now, subject

MBS 5/58

TS 11/58

40m, 4, 57. T. (MADE AND PRINTED IN ENGLAND)

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping
Ake Lindqvist

003474-003478-0139

NOT REQUIRED

- 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)

PROPULSION		ELECTRICAL EQUIPMENT	
		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. Centre Main Boiler 180 lb
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: Tailshaft and aftermost intermediate shaft now renewed on account of coupling flanges in old shafts cracked in way of two bolt holes.

Lignum vitae lining in stern tube renewed.

Fit of propeller on tail shaft and alignment of shaft line checked.

LEAVE THIS SPACE BLANK

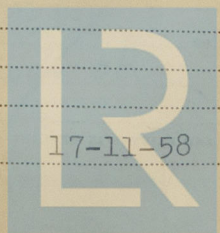
Survey fees ... TS 9,000

Repairs 15,000

Damage fee ...

Expenses... ..

Date when A/c rendered. 17-11-58



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Foundation