

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

No. 97.

-2 DEC 1958

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

Table with 2 columns: Hull and Machinery. Hull entries: +100A1, SS(Dr) 4/57, DS 5/58, 2 dks. Machinery entries: +LMC, ES 4/57, MBS 4/57, 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

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 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 TUESDAY - 6 JAN 1959

Decision As now, subject MBS 5/58

40m, 4, 57. T. (MADE AND PRINTED IN ENGLAND.) 15 11.58

Noted for Header

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

If certificate is required state where to be sent. 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	PORT	STARBOARD
a Generators .....	.....	AUXILIARY EQUIPMENT	
b Exciters .....	.....	l Generators & Governors .....	.....
c Air Coolers .....	.....	m Motors .....	.....
d Motors .....	.....	n Switchboards & Fittings .....	.....
e Air Coolers .....	.....	o Circuit Breakers .....	.....
f Control Gear, Cables, etc. ....	.....	p Cables .....	.....
g Insulation Resistance .....	.....	q Insulation Resistance .....	.....
h Insulating Oil Test .....	.....	r Steering Gear Generators and Motors .....	.....
i Overspeed Governors .....	.....	s Navigation Light Indicators .....	.....
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

