

Rpt. 9

Date of writing report 9th March, 1957.

Received London

Port M A L M Ö

No. 3666.

Survey held at K A R L S K R O N A.

No. of visits Two

First date 13th Febr.

Last date 27th Febr., 1957.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 58750 S.S. M/T "E L D A R E N"

Gross tons 508 Date of build 1938

Owners Swedish Government

Managers Kungl. Marinförvaltningen

Port of Registry Stockholm

Engines made 1938 By Humboldt-Deutzmot., Köln-Deutz.

Type Oil Eng. 4 SA 8 Cyl. 280 x 450 mm.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers None W.P. -

No. of ~~AGL~~/Donkey Boilers One W.P. 100 lbs./sq".

Surveyed Afloat or in Dry Dock Both

Nature of Survey Docking TS, LMC(M), DBS.

Was Damage Report issued? No Int. Cert.? Yes, copy attached.

Last Report (For Head Office only)

Hull	Machinery
100A1 Carrying Petr. in Bulk	LMC 4.55
2.56	DBS 3.56
	Steam pipes 2.55
Klr.(Dr) - 4.55	Tail Shaft 2.55
1 dk. Butts of keel EW.	

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 1.2 mm. Oil Glands - Sea Connections -

Fastenings Good Has Screwshaft ~~THRESH~~ been drawn? Yes Date of Examination 13/2/1957. Has Shaft been changed? No

Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? No Approved oil gland? No

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

~~PORT~~

~~STARBOARD~~

1 Cyls., Covers, Pistons & Rods Nos. 1 and 7 - Good

2 Valves & Gears " 1 and 7 - Good

3 Connecting Rods, ~~Star~~ Top Ends & Guides Centre " 1 and 7 - Good

4 Crankpins & ~~Star~~ Bearings Centre " 1 and 7 - Good

5 Journals & Bearings " 1 and 8 - Good

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 & MANGUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS

It is submitted the machinery of this ship is eligible to remain as classed with fresh record of LMC(M) 2.57, DBS 2.57 and Tail Shaft last seen 2.57.

Date of Committee

TUESDAY 2 APR 1957

Decision

+LMC(M) 2.57

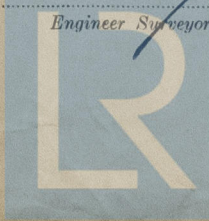
DBS 2.57

30m. 6.55. T. (MADE AND PRINTED IN ENGLAND.)

S 2.57.

Noted for

Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register of Shipping

0156-0073

Surveyors' Office, Malmö

32 Essential Independent Pumps (Identify by position)..... Examined as far as practicable.
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls..... Examined as far as practicable.
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?..... Yes as far as practicable.
35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service)
38 Independent Air Compressors, Coolers & Safety Devices..... Examined as far as practicable.
39 Air Receivers & Safety devices—Main..... Examined as far as practicable..... 40 Auxiliary
41 Oil Fuel Tanks (Not forming part of hull structure)..... Examined as far as practicable.
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).....
Examined as per Rule for LMC(M).

		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..... AUXILIARY, DONKEY EXPRESS..... 13th Febr., 1957 - Good.

Superheaters..... Good
Safety Valves..... Good
Mountings, Doors & Fastenings..... 100 lbs/sq"
Safety Valves Adjusted to Sat.....
Spt.....

Boiler Securing Arrangements..... Exhaust Gas Heated Economisers
Main Economisers..... Steam Generator Safety Valves Adjusted to
Steam Heated Steam Generators..... Forced Circulating P
Were Oil Burning System & Remote Controls examined working in accordance with Rules?..... Funnel
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?.....

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)

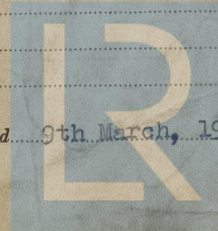
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Survey fees Kr. 335:--

Damage fee

Expenses... ..

Date when A/c rendered..... 9th March, 1957.



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Foundation