

Rpt. 9

Date of writing report January 26, 1962

Survey held at Lunenburg, N. S.

Received London

No. of visits 2

Port HALIFAX N. S.

No. 8002

First date Jan. 22

Last date Jan 25, 1962

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 24712 Name S.S. "O. K. SERVICE X"

Owners O K. Service Shipping Ltd.

Gross tons 488

Date of build 11 - 1948

Engines made 1945 By Sulzer Bros. Ltd.

Port of Registry La Have

No. of Main Engines 1 No. of Screws 1

Type Oil engine 2SA 5Cy.

No. of Main Boilers - W.P. -

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

Surveyed Afloat or in Dry Dock Drydock

Nature of Survey TS(OG) & Pt. C.S.

Was Damage Report issued? NO Int. Cert.? YES

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
*100 A1	* LMC
S.S. 3/61	CS 3/61
Docked 3/61	O.G. 1/59

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 - Oil Glands 30/1000" Sea Connections -  
Fastenings GOOD Has Screwshaft Tubeshaft been drawn? YES Date of Examination 22/1/62 Has Shaft been changed? NO  
Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? NO Approved oil gland? YES

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

PORT

STARBOARD

1 Cyls., Covers, Pistons & Rods Nos. 3 & 5 GOOD

2 Valves & Gears  
3 Connecting Rods, Top Ends & Guides Nos. 3 & 5 GOOD

4 Crankpins & Bearings Nos. 3 & 5 GOOD

5 Journals & Bearings Nos. 3 & 6 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

GOOD (Integral part of crankshaft)

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 vessel is eligible, in my opinion, to remain as classed with fresh record of TS(OG) 1/62 now and \* LMC(CS) with date when the survey has been completed.

Date of Committee

Decision

TUESDAY 27 FEB 1962

TS 1/62



- 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
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		
			AUXILIARY EQUIPMENT
			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		AUXILIARY, DONKEY or PRESS	
Superheaters			
Safety Valves			
Mountings, Doors & Fastenings			
Safety Valves Adjusted to			
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*)

REPAIRS DUE TO WEAR & TEAR: Piston rings renewed on Nos. 3 & 5 pistons.

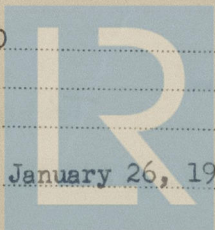
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Survey fees ... \$35.00

Damage fee ...

Expenses... 15.00

Date when A/c rendered January 26, 1962



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