

Rpt. 9

Date of writing report January 26, 1962 Received London Port HALIFAX N. S. No. 8002
 Survey held at Lunenburg, N. S. No. of visits 2 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
 Fitted '48 No. of Main Engines 1 No. of Screws 1 Type Oil engine 2SA 5Cy.

Records of Survey & Special Notations as per Register Book

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)

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

SCAVENGE BLOWERS
 16
 SUPERCHARGERS
 17

MAIN TURBINES
 18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
 19
 STEAM COMPRESSORS
 20
 CLUTCHES & HYDRAULIC COUPLINGS
 21
 REDUCTION GEARING
 22

THRUST BLOCKS, SHAFTS & BEARINGS GOOD (Integral part of crankshaft)
 23
 INTERMEDIATE SHAFTS & BEARINGS
 24
 HOLDING DOWN BOLTS & CHOCKS
 25

CONDENSERS (MAIN & AUX.)
 26
 STEAM RE-HEATERS
 27
 DE-SUPERHEATERS
 28

STOP & MANOEUVRING VALVES
 29
 MAIN ENGINE DRIVEN PUMPS
 30

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES
 31 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.

TUESDAY 27 FEB 1962

Date of Committee Decision TS162



- 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).....

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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 or PRESS
Superheaters	
Safety Valves	
Mountings, Doors & Fastenings	
Safety Valves Adjusted to (Sat. / 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)

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

LEAVE THIS SPACE BLANK

Survey fees ... \$85.00

Damage fee ...

Expenses... 15.00

Date when A/c rendered January 26, 1962

