

20 NOV 1961

Rpt. 9

Date of writing report October 5th, 1961.

Received London

Port MONTREAL

No. 14311

Survey held at MONTREAL

No. of visits 2

First date Sept. 7th/61. Last date Sept. 8th, 1961.

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 17942 S.S. Name ~~MC~~ " KINGDOC " Gross tons 2211 Date of build 1927 - 4.

Owners N. M. Paterson & Sons Ltd. Managers Port of Registry Fort William

Engines made 1927 By Swan, Hunter & Wghm Rchdsn. Type T 3Cy.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 W.P. 180 lb.

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

Surveyed Afloat or in Dry Dock Dry Dock.

Nature of Survey Part Machinery.

Was Damage Report issued? - Int. Cert.? Yes

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
BS* Great Lakes & Gulf of St. Lawrence Service.	MBS* ES 4/61
Lake S.S. 10/57	MBS 2/61
A.S. 4/61	TS(CL) 9/57
D.S. 4/59	SPS 3/60

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 5/16" Oil Glands None Sea Connections Good

Fastenings Good Has Screwshaft been drawn? No Date of Examination - Has Shaft been changed? -

Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? - Approved oil gland? -

MAIN ENGINES (Recip. Steam ~~MC~~) ~~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 Nos. 1, 3 and 5 - 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

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 be continued as classed.

Date of Committee WEDNESDAY 23 NOV 1961

Decision As now



32 Essential Independent Pumps (Identify by position) Ballast Pump - Good.  
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) Fan Engine - Good.

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 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)

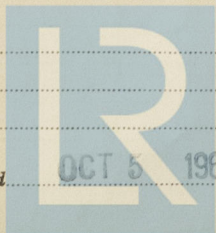
LEAVE THIS SPACE BLANK

Survey fees ...

Damage fee ...

Expenses ...

Date when A/c rendered



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