

Rpt. 9

Date of writing report 24-6-59
Survey held at Kingston

Received London
No. of visits 2

Port MONTREAL
First date 13-12-58
Last date 17-12-58
No. 12810

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 53398 S.S. "BARRIE"
Name M.V.
Owners Canada Steamship Lines Ltd.
Engines made 1925 By E. J. Codd Co. Ltd.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 SB W.P. 195 lb.
No. of Aux./Donkey Boilers W.P.
Surveyed Afloat or in Dry Dock Afloat
Nature of Survey M.B.S. E.S.
Was Damage Report issued? No Int. Cert. No
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
BS* Great Lakes & River St.	MBS* 9,57
Lawrence service	M. 2,58
9,57	TS(CL) 9,57
Lake s.s. 9,57	SPS. 2,55
A.S. 4,58	

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 Wear Down of Stern Bushes Oil Glands Sea Connections
Fastenings Has Screwshaft Tubeshaft been drawn? 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) ~~DOCK~~ ~~ROCK~~
1 Cyls., Covers, Pistons & Rods L.P. Good
2 Valves & Gears L.P. Good
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

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

16 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS Good

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS
classed with record of MBS. 2,59

The Machinery of this vessel is eligible in my opinion to remain as

Date of Committee THURSDAY 2 JUL 1959
Decision MBS 2,59

Noted
for
Header

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A. K. McDougall
Engineer Surveyor to Lloyd's Register of Shipping
(A. K. McDUGALL)
Lloyd's Register
Foundation

002568-002576-0086

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

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) Main Circulating 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) Surface Feed Good

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	AUXILIARY EQUIPMENT	
a Generators		i 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 P. 13-12-58, S. 17-12-58 AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to Sat. 195 P.S.I.

Spt.

Boiler Securing Arrangements Good

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 Good

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 ... \$85.00

Damage fee ...

Expenses... 25.00

Date when A/c rendered

JUN 25 1959

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