

Rpt. 9

Date of writing report Received London Port Toronto No. 4353
Survey held at Toronto No. of visits 2 First date 24-1-61 Last date 13-4-61

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 69339 Name S.S. LETHBRIDGE Gross tons 2407 Date of build 1924
Owners Canada Steamship Lines Ltd. Managers - Port of Registry Montreal
Engines made Hpl By Richardsons Westgarth Type T 3 Cy

No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 W.P. 180 lbs per sq in
No. of Aux./Donkey Boilers - W.P. -

Table with columns: Hull, Machinery. Rows: BS & Great Lakes & River, St. Lawrence service, Lake SS, AS, DS. Includes MBS\* and dates like 4/54, 3/60, 7/58.

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.

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 or I.C.) PORT STARBOARD
1 Cyls., Covers, Pistons & Rods H.P., I.P., L.P., Good
2 Valves & Gears
3 Connecting Rods, Top Ends & Guides Side Centre
4 Crankpins & Bearings Side Centre H.P., I.P., L.P., Good
5 Journals & Bearings Complete - 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
23
INTERMEDIATE SHAFTS & BEARINGS
24
HOLDING DOWN BOLTS & CHOCKS
25

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

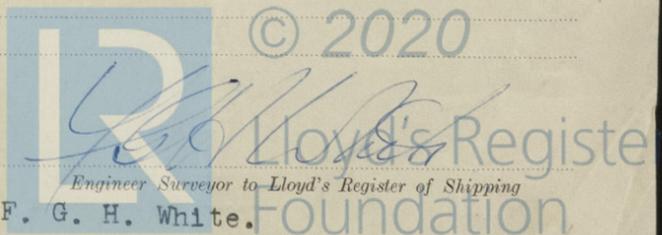
STOP & MANOEUVRING VALVES
29
MAIN ENGINE DRIVEN PUMPS
30

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES
31 Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS. This vessels machinery is in good condition eligible in my opinion to remain as classed and to have the record MBS 1.61, and ES with date now that the cycle of machinery survey has been completed.

Date of Committee THURSDAY 17 AUG 1961
Decision ES 4, 61
MBS 3, 61

Noted for Header



- 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 ..... 40 Auxiliary .....
- 39 Air Receivers & Safety devices—Main .....
- 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		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
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 .....			
Magnetic Couplings .....			
k Air Gap .....			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN P & S 24-1-61 Good AUXILIARY, DONKEY or PRESS

Superheaters ..... Good

Safety Valves ..... Good

Mountings, Doors & Fastenings ..... Good

Safety Valves Adjusted to { Sat. 185 lbs psc  
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 MBS and Part ES \$85.00

Damage fee ...

Expenses ... 10.00

Date when A/c rendered JUL 10 1961



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