

Rpt. 9

Date of writing report 20-4-60.

Received London

Port MONTREAL

No. 13331

Survey held at Quebec

No. of visits THREE

First date 15-12-59.

Last date 15-4-60.

18 AUG 1960

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 33669 S.S. Name "TORONDOC" Gross tons 1726 Date of build 1929 - 5

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

Engines made 1929 By Wallsend Slipway Co. Ltd. Type T 3 Cy.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers W.P.

No. of Aux./Donkey Boilers 2 SB W.P. 180lbs.

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey B.S.

Was Damage Report issued? No Int. Cert.? No

Last Report (For Head Office only)

Hull	Machinery
BS* Great Lakes & limited Gulf of St. Lawrence service	MBS* 4,57
Docking	M. 3,59
Lake s.s.	TS (IC) 4,57 N.
A.S.	SPS. 4,57

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 or I.C.) 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 .....

### 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 .....

24 INTERMEDIATE SHAFTS & BEARINGS .....

25 HOLDING DOWN BOLTS & CHOCKS .....

26 CONDENSERS (MAIN & AUX.) .....

27 STEAM RE-HEATERS .....

28 DE-SUPERHEATERS .....

29 STOP & MANŒUVRING VALVES .....

30 MAIN ENGINE DRIVEN PUMPS .....

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES ..... Have Main Engines been tested working and manœuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this vessel is in good condition and eligible in my opinion to remain as at present classed with fresh record of MBS. 2,60.

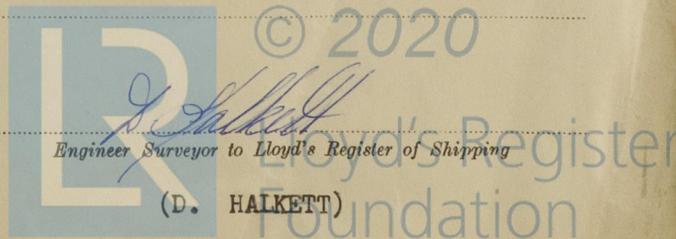
Date of Committee

TUESDAY 30 AUG 1960

Decision

MBS 2.60

Noted for Header



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) .....

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..... Good..... 45 Windlass..... Good..... 46 Fire Extinguishing Arrangements..... Good.....

AUXILIARY ENGINES (Identify by position) .....

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 Port 22-12-59, Stbd. 15-12-59. Good..... AUXILIARY, DONKEY or PRESS.....

Superheaters .....

Safety Valves P. & St. Good

Mountings, Doors & Fastenings P. & St. Good

Safety Valves Adjusted to { Sat. P. & St. 180 P.S.I.  
~~Exp~~

Boiler Securing Arrangements P. & St. 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)

WEAR & TEAR REPAIRS:- Port Boiler inboard furnace rings fitted on corrugations Nos. 4 and 7 also on outboard furnace Nos. 3 and 6 corrugations. 2 air tubes renewed. 2 plain tubes renewed. Several rivets and c.c. stays set up.

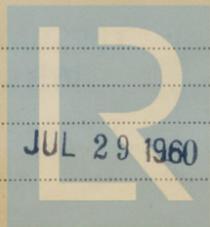
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Survey fees ... MBS. \$85.00

Damage fee ... \$5.00

Expenses... ..

Date when A/c rendered.....



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