

Rpt. 9

Date of writing report 2-5-61
Survey held at Toronto

Received London
No. of visits 2

Port Toronto
First date 7-2-61
No. 4318
Last date 10-4-61

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 52978 Name S.S. "AVONDALE"
Owners Reoch Transports Ltd. Managers -
Engines made Nwc. By Swan, Hunter & Wigham Richardson Type T 3 Cy.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 SB W.P. 180 lb.
No. of Aux./Donkey Boilers W.P.
Surveyed Afloat or in Dry Dock Afloat
Nature of Survey MBS & Pt. ES
Was Damage Report issued? Int. Cert.?
Last Report (For Head Office only)

Gross tons 1938 Date of build 1929
Port of Registry Montreal

Records of Survey & Special Notations as per Register Book

Hull	Machinery
BS* Great Lakes & River	MBS*
St. Lawrence Service	ES 4/58
Lake SS 4/58	M 2/60
AS 4/60	CL 1/58
DS 1/58	SPS 12/56

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 IP & LP Good
Centre
4 Crankpins & Bearings { Side HP Good
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

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 & MANOEUVRING VALVES
30 MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

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 4/61

THURSDAY 27 JUL 1961

Date of Committee MBS. 4.61
Decision

50m, 6, 56. T. (MADE AND PRINTED IN ENGLAND.)

Engine Surveyor to Lloyd's Register of Shipping
F.G.H. White

603311-003320-0267

Lloyd's Register
Foundation

32 Essential Independent Pumps (Identify by position)
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls Bilge - Good
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 Good 45 Windlass 46 Fire Extinguishing Arrangements.....

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

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			i Generators & Governors
b Exciters			
c Air Coolers			m Motors
d Motors			
e Air Coolers			n Switchboards & Fittings
f Control Gear, Cables, etc.			o Circuit Breakers
g Insulation Resistance			p Cables
h Insulating Oil Test			q Insulation Resistance
i Overspeed Governors			r Steering Gear Generators and Motors
j Magnetic Couplings			s Navigation Light Indicators
k Air Gap			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN P & S boilers 7-2-61 Good AUXILIARY, DONKEY or PRESS.....
Superheaters Good
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to { Sat. 180 lbs. psi
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)

Wear & Tear Repairs:- Port Boiler inboard and outboard C.C.s several minor repairs.

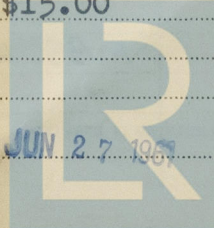
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Survey fees ... MBS & Pt. ES \$85.00

Damage fee ...

Expenses... \$15.00

Date when A/c rendered... JUN 27 1961



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