

Rpt. 9

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

Received London
No. of visits 2

Port Toronto No. 4318
First date 7-2-61 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.
Gross tons 1938 Date of build 1929
Port of Registry Montreal

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)

Records of Survey & Special Notations as per Register Book

| Hull | | Machinery | |
|------|----------------------|-----------|-------|
| BS* | Great Lakes & River | MBS* | |
| | St. Lawrence Service | ES | 4/58 |
| | Lake SS | 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.

If so, is the Report sent now, or when will it be sent?

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

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
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 & 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 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

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

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 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

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 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

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.

LEAVE THIS SPACE BLANK

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

Damage fee ...

Expenses... \$15.00

Date when A/c rendered... JUN 27 1963

