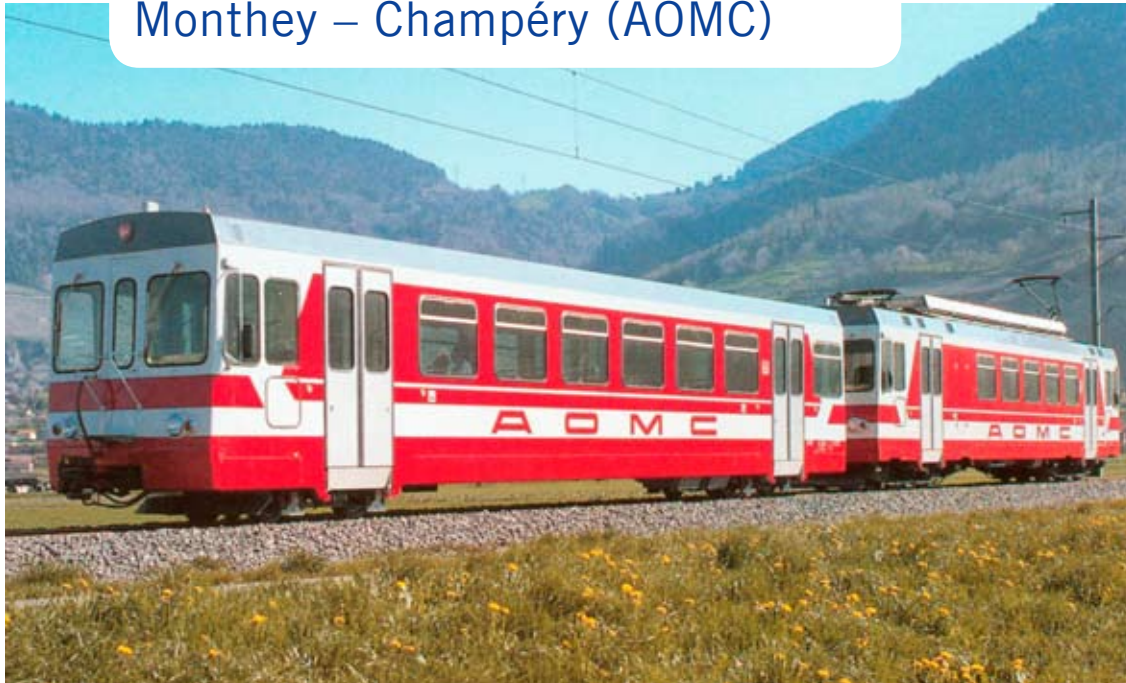


Pilot coach for the cog railway Aigle – Ollon – Monthey – Champéry (AOMC)



Push-pull train with the pilot coach designed by PROSE

Factsheet 4.00004

Details

Project details

- Customer: Ateliers de Construction Mécanique de Vevey
- Time frame: 1986 to 1987

Technical data of the pilot coach

- Track gauge: 1 000 mm
- Mass:
 - tare load 13 t
 - full load 22 t
- Maximum speed:
 - adhesion 65 km/h
 - rack (up) 30 km/h
 - rack (down) 21 km/h

Contact

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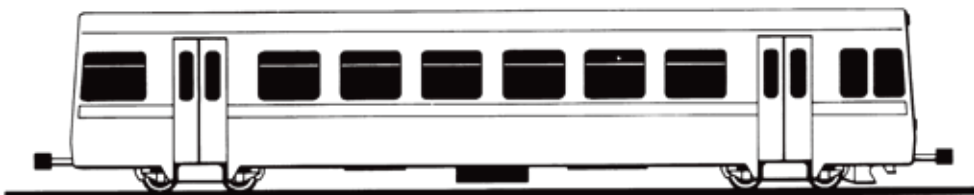
Customer Requirement

The rolling stock manufacturer Ateliers de Construction Mécanique de Vevey (ACMV) was commissioned with the delivery of push-pull trains for the cog railway company Aigle – Ollon – Monthey – Champéry (AOMC). In order to meet the tight schedule, ACMV had to place design contracts with specialised companies.

Further on all relevant structural calculations and the brake calculations were performed by PROSE.

Customer Advantage

ACMV was in a position to meet the financial and the schedule objectives of the AOMC project by placing the complete design package for the pilot coach with PROSE.



Side view of the pilot coach

Realisation

PROSE was commissioned by ACMV with the design of the pilot coaches for the AOMC push-pull trains.

The work package included the conception and the manufacturing design of the carbody and the interiors furnishing as well as of the bogies.

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