Subject: Mandatory braking in front of a steep gradient (was: last open points for speedProfiles in railML 2.2)
Posted by Susanne Wunsch railML on Mon, 11 Mar 2013 15:20:07 GMT
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Dear railML users,

At the railML conference in Berlin, the issue of this thread was
discussed. A summarized Trac ticket text is copied at the end of this
posting.

I found no proper discussion thread about this issue in this forum but
the following mentioning.

Christian Rahmig <coord@infrastructure.railml.org> writes:
> 4. How to define an "obligational stop" where all or only certain
> trains have to stop prior going on with the same speed aspect as
> before?
>
>   A maximum speed vMax="0" within a <speedChange> can be interpreted
> as a mandatory stop. If we want to qualify the information of
> vMax="0", we need to add another attribute to the <speedChange>
> element, e.g. "specialPurpose". Its enumeration values like
> mandatoryStop' or 'mandatoryBraking' may cover all cases of
> obligational stops.
>
> [1] https://trac.assembla.com/railML/ticket/41

I summarized the opinions from the conference in Trac ticket #227 [2]:

  During the last railML conference (2013-03-06) in Berlin the
  discussion came to this aspect of the current speedChange
  implementation:

    If a goods train driver has not used its train brakes during a
    specified time (e.g. last hour) it should do an "operational
    braking" - not until standstill, but to check, if the brakes work
    properly.

    This operation is indicated at the drivers timetable.

  It seems, that the scenario is a very special German one, that is
  covered by the German operational rules. Brake tests are done very
  differently across other countries. It is not a general infrastructure
  specific issue, but more an operational one.

  Therefore the implementation of "mandatoryBraking" in the element
  "speedChange" should be removed.

railML partners should use an "any"-Attribute as a short-term solution.

For re-inventing this feature it should be modeled in another way.
There were no further proposals.

Any comments* appreciated.

Kind regards...
Susanne

[2] http://trac.assembla.com/railML/ticket/227
* +1, -1, hints, questions...

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