Subject: Re: Speed Panels: types and reference to <speedChange> Posted by Christian Rahmig on Sat, 10 Nov 2012 12:12:05 GMT

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Dear Susanne and other railML users,

- >> In the trac ticket [2] I proposed the
- >> following categories and ask for your approval/denial/addition:

>>

>> - speed,

>

- > The main problem is that all "traditional signals" are more or less
- > "switchable speed signals" for certain ranges.

>

- > Maybe we can distinct between "pure fixed speed signals" and "switchable
- > speed signals" with country-specific signal aspects.

As you mentioned in your example, it may look like this: <speedSignal kind="announcement" switchable="false" speedChangeRef="sc1" /> All information about the country specific signal aspects are more connected with the operational view of the signal.

Example:

<etcsSignal kind="execution" switchable="false" level="1" />

>> - levelCrossing,

>

- > several kinds of signals for ringing the bell, whistle, announcing,
- > activating the level crossing ...

Example:

<levelCrossingSignal type="whistle" />

```
>> - gsm,
```

>

> more general: trainRadio

>

```
* fixed train radio signals indicating a channel
>
>
    * fixed GSM signals indicating an GSM-R-equipped area, also the
>
     negation indicating a non-GSM-R-equipped area, maybe with an
     attribute to "enter"/"leave", also used for a "radio hole"
Example:
<trainRadioSignal switchable="false" type="enter" />
>> - catenary
>
    * no catenary section
>
>
    * no current section / main power switch off
>
>
    * lower pantograph section
>
    * additional signal (de: ICE-Schaltmerkhilfe)
Example:
<catenarySignal type="lowerPantograph" />
> - trainProtectionSystem
    * indication a block number (de: LZB-Blockkennzeichen)
Example:
<trainProtectionSystemSignal />
> - line
    * indicating the line number
Example:
lineSignal lineNumber="1234" />
> - milepost (de:Hektometertafel)
    * indicating the mileage of a track, often fixed at a pole
Example:
<milepostSignal value="42.0" />
> - braking
    * non-stopping section
>
    * no regenerative braking
```

> * no eddy-current braking

> * no magnetic-shoe braking

Example:

<brakingSignal type="nonStoppingSection" />

>> - signalingSystem

Use the <trainProtectionSystemSignal> instead.

Does this concept please everybodies' needs at least for a railML 2.2?

Regards

--

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