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Subject: Re: Mandatory stops e.g. before a level crossing  
Posted by [christian.rahmig](#) on Mon, 12 Feb 2018 12:39:17 GMT  
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Dear Dirk,

thank you for your input. Following the whole discussion here in the forum and subject in Trac ticket #100 [1] for railML 2.4 I suggest the following solution:

If the mandatory stop is indicated by a physical panel/sign at the place of the stop, use:

```
<speedChange>@mandatoryStop="true"
```

The <speedChange> shall be referenced from the panel/sign modelled as <signal>:

```
<signal><speed><speedChangeRef>@ref
```

If the mandatory stop is not physically visible by a panel/sign, please model it as an OCP:

```
<ocp><propOperational>@operationalType="stoppingPoint"
```

For railML 3.x I suggest to have a more flexible solution with a separate element for marking stopping places for railway vehicles that can be referenced from different other objects.

I hope this proposed solution fits to everyone's needs and use cases.

[1] <http://trac.assembla.com/railML/ticket/100>

Best regards  
Christian

Am 18.05.2017 um 18:56 schrieb Dirk Bräuer:

- > Dear Christian,
- >
- > why do you think that there is no final solution? Possibly all other
- > thought there is:
- >
- > - Mandatory stops shall be regarded as infrastructure at least if there
- > is a sign at the place of the stop. (In every case I know, there is one.)
- >
- > - Mandatory stops can be modelled with a <speedChange> with speed=0. We
- > already do so. Where is the problem?

>  
> - German "Betriebsbremsung" is not infrastructure, it's <rules> or such.  
> It can be closed here (as you wrote in your other post).  
>  
> With best regards,  
> Dirk.  
>

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