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Subject: Re: Mapping of availability periods of the infrastructure by

TT:operatingPeriod

Posted by [Thomas Nygreen JBD](#) on Mon, 30 Apr 2018 12:31:15 GMT

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- According to railML-Wiki the attributes startDate / endDate are used to limit the validity of a <operatingPeriod> compared to its <timetablePeriod>, i.e. if startDate / endDate is used for a <operatingPeriod>, a suitable <timetablePeriod> should also be given for this <operatingPeriod>.

This is noted as a requirement on the wiki page for timetablePeriod[1]:

A railML file may but needs not necessarily to have a timetable period. A railML file may also have more than one timetable period but each train part (and therefore also each train) can refer to only one timetable period.

railML files without timetable period do either not have an element <timetablePeriod> at all or only elements <timetablePeriod> without startDate and endDate. If there is no timetable period defined the elements <operatingPeriod> must also not have attributes startDate, endDate and bitMask and must also not have sub-elements specialService.

startDate and endDate may be used together only, so there are no "open" periods allowed. The numerical difference of the attributes startDate and endDate defines the length of the attribute bitMask of the elements <operatingPeriod> (= startDate - endDate + 1).

[1] <https://wiki.railml.org/index.php?title=TT:timetablePeriod>

Best regards

Thomas Nygreen

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