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Subject: Switch/Derailer/Crossing in Overlap requires a position  
Posted by [heidrun.jost@thalesgroup](mailto:heidrun.jost@thalesgroup) on Tue, 25 Jul 2023 12:30:34 GMT  
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Dear all,

for the route overlap definition, a position is required for a switch/derailer/crossing in an overlap.

But sometimes this position is not available, because a) the overlap ends before the heart or b) does not matter.

Using only the TvdSection is not a solution, because it could include several switches/derailers/crosings, which would then be to much.

```
<overlap id="IL_FMkw4WGpByf8V0i0u539i9" length="55">  
  <designator register="_costId" entry="Overlap:BGS_MR#1564"/>  
  <requiresSwitchInPosition>  
    <relatedSwitchAndPosition inPosition="right">  
      <refersToSwitch ref="IL_Z8wATeoLQQL7NLmHuC2c8Ca"/>  
    </relatedSwitchAndPosition>  
  </requiresSwitchInPosition>  
  <hasTvdSection ref="TVD_Z8wATeoLQQL7NLmHuC2c8Ca"/>  
</overlap>
```

So the parameter "inPosition" shall become either optional or provide an additional option for these cases.

Best regards,

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Subject: Re: Switch/Derailer/Crossing in Overlap requires a position  
Posted by [Jörg von Lingen](#) on Thu, 27 Jul 2023 06:18:19 GMT  
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Dear all,

it sounds reasonable to have the option to define switch/derailer/crossing but saying the particular position does not matter. In order to have a clear solution for general use I suggest to extend the list of possible values for @inPosition by the value "indifferent".

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