
Subject: Use of <bufferStop>

Posted by [Torben Brand](#) on Wed, 19 Dec 2018 12:55:19 GMT

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We in the Norwegian sector understand <bufferStop> not as a track element "Buffer stop", but as the physical end of the track you could drive a trains buffer towards. This position would then be the correct placement of a @pos of a <trackEnd> or <trackBegin> with a sub element <bufferStop>. See illustration bellow. What is behind the ending track is irrelevant. This could be a buffer stop (of different types), a concrete wall, a sand trapp or "nothing"). This also makes sense as the <bufferStop> is placed under <trackTopology>. Thus the <bufferStop> also has no <state>.

If you need to map the component "Buffer Stop" I would suggest to add an extension (<any>) element in 2.4 under <trackElements>. The component is already available in railML3 under <functionalInfrastrucutre>

<bufferStop> wiki: https://wiki.railml.org/index.php?title=IS:bufferStop_trackEnd
"Buffer stop" wikipedia article: https://en.wikipedia.org/wiki/Buffer_stop

My question to the community and the coordinator: Is this understood correct?

If yes I would suggest to rewrite the definition in IS:bufferStop somewhat. This as the current definition is vague about the component being mapped.