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Subject: [railML3] Limitation of <hasGaugeClearanceMarker> in <switchIL>  
Posted by [Georg Boasson](#) on Wed, 10 May 2023 11:10:00 GMT

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The maximum number of child element <hasGaugeClearanceMarker> in <switchIL> must be extended to more than 2, which is the limitation in railML3.2. Bane NOR will use each <hasGaugeClearanceMarker> to reference one clearance point. The clearance point is defined by using a <trainDetectionElement> with type="clearancePoint". See attached file for an example of a switch with 4 clearance points.

Proposal: The limitation of <hasGaugeClearanceMarker> elements in the <switchIL> can be set to unlimited.

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### File Attachments

1) [Example with clearance points.pdf](#), downloaded 174 times

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Subject: Re: [railML3] Limitation of <hasGaugeClearanceMarker> in <switchIL>  
Posted by [Dominik Looser](#) on Fri, 09 Jun 2023 07:16:57 GMT

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I agree that there should not be a limitation on the number of <hasGaugeClearanceMarker>.

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Subject: Re: [railML3] Limitation of <hasGaugeClearanceMarker> in <switchIL>  
Posted by [Jörg von Lingen](#) on Mon, 12 Jun 2023 08:16:24 GMT

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Thanks for your input. Originally, the use of <hasGaugeClearanceMarker> was not considered in the way as suggested from BaneNOR (Georg B). But I agree the proposal is more clear and thus no limitation shall be set.

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