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Subject: [railML3] Signalled braking distance of a line (de: Regelbremsweg einer Strecke)

Posted by [Michael Gruschwitz](#) on Wed, 30 Mar 2022 09:34:10 GMT

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Dear colleagues!

As part of the joint work in our BMDV funded research project "Indres" we at Bahnkonzept came across the requirement to exchange what in Germany is called "Regelbremsweg". It is usually the distance between the main signal and the matching distant signal. It is usually also referred to as the maximum braking distance of a train the lineside signaling is based on. An english expression for this braking distance the lineside signalling is based on could be "signalled braking distance" of a line.

We are aware that there are a lot of railways that do not follow the idea of a uniform standard braking distance set for a line, however we think that for those who do it should be possible to exchange this information via railML.

We are also aware that it is already very late in the process of preparing publishing of railML 3.2, nonetheless we would very much appreciate if this requirement could still be considered to be included this release.

What do you think? How could we support this?

Best regards,

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Michael Gruschwitz  
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P.S. For railML 2.5 we will try to model too, but in an own extension of the standard.

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