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Subject: Shown values on mileposts

Posted by [Christian Rahmig](#) on Fri, 15 Mar 2013 22:05:22 GMT

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Hello everybody,

at the last railML meeting in Berlin, we discussed about the following aspects of mileposts (de: Hektometertafeln):

- (1) Are there "switchable" mileposts?
- (2) Are there references between mileposts and mileage changes?

Number (1) can be answered with "no". For number (2) the situation is more complex (see [1]) so that a Trac ticket has been filed [2]:

It is necessary to put the offset in a separate field. Only then it is possible to distinguish between the mileage value in the gap and after the gap. In particular "123.4 +1" is a different value than "123.5". Therefore, I suggest to give the milepost two attributes: "shownValue" given in kilometers with 3 digits behind the comma and "shownOffset" given in dezi-kilometers without any digits behind the comma (e.g. 100m = 1).

Of course, it can happen, that the milepost is situated exactly at the position of a mileage change. So, I suggest to include an optional reference mileageChangeRef to the mileage change element.

Any comments appreciated...

[1] [http://www.drehscheibe-foren.de/foren/read.php?3,2958137,296\\_0646](http://www.drehscheibe-foren.de/foren/read.php?3,2958137,296_0646)

[2] <https://trac.assembla.com/railML/ticket/228>

Regards

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Christian Rahmig  
railML.infrastructure coordinator

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Subject: Re: Shown values on mileposts

Posted by [Christian Rahmig](#) on Sat, 16 Mar 2013 11:04:34 GMT

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Hello everybody,

Am 15.03.2013 23:05, schrieb Christian Rahmig:

- > It is necessary to put the offset in a separate field. Only then it is
- > possible to distinguish between the mileage value in the gap and after

- > the gap. In particular "123.4 +1" is a different value than "123.5".
- > Therefore, I suggest to give the milepost two attributes: "shownValue"
- > given in kilometers with 3 digits behind the comma and "shownOffset"
- > given in dezi-kilometers without any digits behind the comma (e.g. 100m
- > = 1).

Susanne mentioned that this solution might be very specific for Germany. How about the situation in other countries in Europe and the world? I would like to forward this question to our international users: Please share your experiences here in the forum. Thank you.

Regards

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Christian Rahmig  
railML.infrastructure coordinator

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