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Subject: railML 2.3: Formation attributes shall have values > 0

Posted by [Philip Wobst](#) on Fri, 09 Oct 2015 13:01:45 GMT

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Dear all,

a change to the formation attributes was discussed at the last coordinator meeting. The aim is to not allow values such as speed="0" and length="0" for the element <formation>.

A TRAC ticket (#269, <http://trac.railml.org/ticket/269>) was created for this change for the upcoming railML 2.3 version. Please provide feedback/concerns in the forum till the end of October.

Best regards,

Philip

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Subject: Re: railML 2.3: Formation attributes shall have values > 0

Posted by \_\_\_\_\_ on Wed, 21 Oct 2015 13:08:46 GMT

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Dear Philip,

no objections from our side: Values =0 may be disallowed if the corresponding attribute is optional.

But please be careful with attributes such as "formation/tareWeight" or "nettoWeight": What is the difference between both? In German, the rule is "Tara = Brutto - Netto". Therefore, tareWeight may be zero if bruttoWeight=nettoWeight and if tareWeight=Tara.

However, in the English wiki it is written:

tareWeight: total tare weight (empty vehicles)

nettoWeight: total net weight (payload only)

which is a little bit confusing for me. ("Payload only" suggests that nettoWeight is the load and tareWeight is the mass of the empty formation.)

If you disallow these values to be zero, you should define which is to be used for what. In my opinion, either tareWeight or nettoWeight must be allowed to be zero in case of formations of vehicles with no payload (engines/locomotives running light).

With best regards,

Dirk.

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Subject: Re: railML 2.3: Formation attributes shall have values > 0  
Posted by [Joerg von Lingen](#) on Mon, 26 Oct 2015 14:52:09 GMT  
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Remark on weights:

This is already clearly described in the wiki. The only definition I could find in the www confirms this.

Gross/brutto weight (the total weight) = net weight (the weight of the goods) + tare weight (the weight of the empty container)

Best regards,  
Joerg v. Lingen

Rollingstock Coordinator

On 21.10.2015 15:08, Dirk Bräuer wrote:

- > Dear Philip,
- >
- > no objections from our side: Values =0 may be disallowed if the corresponding
- > attribute is optional.
- >
- > But please be careful with attributes such as "formation/tareWeight" or
- > "nettoWeight": What is the difference between both? In German, the rule is "Tara
- > = Brutto - Netto". Therefore, tareWeight may be zero if bruttoWeight=nettoWeight
- > and if tareWeight=Tara.
- >
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- > tareWeight: total tare weight (empty vehicles)
- > nettoWeight: total net weight (payload only)
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- > which is a little bit confusing for me. ("Payload only" suggests that
- > nettoWeight is the load and tareWeight is the mass of the empty formation.)
- >
- > If you disallow these values to be zero, you should define which is to be used
- > for what. In my opinion, either tareWeight or nettoWeight must be allowed to be
- > zero in case of formations of vehicles with no payload (engines/locomotives
- > running light).
- >
- > With best regards,
- > Dirk.

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Subject: Re: railML 2.3: Formation attributes shall have values > 0 [CLOSED]  
Posted by [Philip Wobst](#) on Wed, 02 Mar 2016 07:29:42 GMT  
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Dear all,

the corresponding TRAC ticket #269 has been closed with the status 'won't fix' - see <http://trac.railml.org/ticket/269> for details.

Best regards,

Philip Wobst

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