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Subject: Wording remarks to IRS30100

Posted by [Felix Prüter](#) on Thu, 23 Jun 2016 11:54:16 GMT

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Hello,

we (SIGNON Deutschland GmbH) are validating the use of RailTopoModel as the base model for several railway-related applications dealing with various proprietary infrastructure input data. For that reason, I studied the IRS 30100. Now I have several questions and remarks for which I will open separate topics.

The first remark is just a wording topic: (p.14, 2nd. par.)

Quote:...since resources are identified HERE as...

It's not clear and hard to find out what HERE references to.

For me it references the TRADITIONAL REPRESENTATION, right?

Regards

Felix Prüter

SIGNON Deutschland GmbH

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Subject: IRS 30100 wording remarks

Posted by [Felix Prüter](#) on Thu, 23 Jun 2016 12:10:25 GMT

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Hello,

here are some more wording remarks to the IRS 30100:

p.30, last note:

the part after the last comma seems superfluously

ch 6.2.11, 2nd par:

the description about the relation between PositioningNetElement und AssociatedPositioningElement is wrong.

APS is contained by PNE!

ch 6.3.6:

defines the generic concept of a coordinate in a POSITIONING (not referencing) system

ch 6.3.7, 2nd sentence:

Should be two sentences

1. value range of attribute intrinsicCoord 0..1

2. Arbitrary amount of associated PositioningSystemCoordinate instances

ch 6.4.5:

in reference to one OR MORE PositioningNetElement according to Figure 72 only ONE!

ch 6.4.5:

Attribute applicationDirection: direction of the LINEARLOCATION?  
better: LinearElement?

ch 6.4.9:  
between a LinearLocation and PositioningSystemCoordinate INSTANCES (is missing)

Kind regards  
Felix  
SIGNON Deutschland GmbH

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Subject: Re: Wording remarks to IRS30100  
Posted by [Vasco Paul Kolmorgen](#) on Thu, 23 Jun 2016 19:28:16 GMT  
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Dear Mr. Prüter,

thank you very much for your critical look about UIC's IRS30100 in the current state. The colleagues of the RailTopoModel Ing Expert Group will take the notices into consideration. Due to the holiday times it may take some time.

Please let's use this thread for all issues relating verbalisation, phrasings or wordings relating the IRS30100 version presented during the 6th UIC RailTopoModel conference on April 19th, 2016.

Best regards,

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MSc. Vasco Paul Kolmorgen  
railML.org Coordinator  
D-01069 Dresden; Germany [www.railml.org](http://www.railml.org)

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Subject: Re: Wordng remark to irs 30100  
Posted by [christian.rahmig](#) on Mon, 27 Jun 2016 09:12:44 GMT  
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Dear Felix,

Am 23.06.2016 um 18:13 schrieb Felix Prüter:

- > [...]
- > The first remark is just a wording topic: (p.14, 2nd. par.)
- > Quote:
- >> ...since resources are identified HERE as...
- >
- > It's not clear and hard to find out what HERE references
- > to.
- > For me it references the TRADITIONAL REPRESENTATION, right?

> [...]

Yes, "here" stands for "traditional representation". This clarification has to be added in the text.

Thanks and best regards  
Christian

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Christian Rahmig  
railML.infrastructure coordinator

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Subject: Re: IRS 30100 wording remarks  
Posted by [christian.rahmig](#) on Fri, 19 Aug 2016 14:14:12 GMT  
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Dear Felix!

Your points were analysed by members of the RTM expert group. The question concerning "ch 6.3.7, 2nd sentence" seems to be a misunderstanding and will be addressed by clarifying the documentation. The other items will be updated along your line of reasoning.

Best regards  
Christian

Am 23.06.2016 um 21:28 schrieb Felix Prüter:

- > Hello,
- > here are some more wording remarks to the IRS 30100:
- >
- > p.30, last note:
- > the part after the last comma seems superfluously
- >
- > ch 6.2.11, z2nd par:
- > the description about the relation between
- > PositioningNetElement und AssociatedPositioningElement is
- > wrong.
- > APS is contained by PNE!
- >
- > ch 6.3.6:
- > defines the generic concept of a coordinate in a POSITIONING
- > (not referencing) system
- >
- > ch 6.3.7, 2nd sentence:
- > Should be two sentences
- > 1. value range of attribute intrinsicCoord 0..1
- > 2. Arbitrary amount of associated

- > PositioningSystemCoordinate instances
- >
- > ch 6.4.5:
- > in reference to one OR MORE PositioningNetElement
- > according to Figure 72 only ONE!
- >
- > ch 6.4.5:
- > Attribute applicationDirection: direction of the
- > LINEARLOCATION?
- > better: LinearElement?
- >
- > ch 6.4.9:
- > between a LinearLocation and PositioningSystemCoordinate
- > INSTANCES (is missing)
- >
- > Kind regards
- > Felix
- > SIGNON Deutschland GmbH
- >

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Christian Rahmig  
railML.infrastructure coordinator

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Subject: Re: Wordng remark to irs 30100  
Posted by [Airy Magnien](#) on Wed, 07 Sep 2016 13:50:50 GMT  
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Taken into account in text revision, 20160907

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