

Dear RailML-Users,

by implementing RailML-Interface to a vehicle data program I thought some changes would be helpful:

- The enumeration tTrainProtectionMedium should also include the value="electric".

This value might be usefull to describe the French "crocodile"-system or would you use another value of the existing?

- I think it is useful to add the following part:

```
<!--***** -->
```

```
<!-- trackGauges for gauge changing axles -->
```

```
<!--***** -->
```

```
<xs:complexType name="tTrackGauge">
```

```
<xs:attribute name="trackGauge" type="rail:tLengthMM"/>
```

```
</xs:complexType>
```

This makes it possible to show all possible gauges for gauge changing vehicles. I know, that there is a way shown by two different values inside the vehicle.

- The attribute named "count" inside the attribute group aPlaces should change his type to nonNegativeInteger to differ between known values by zero and unknown values by a not existing entry inside the list of places.

- The attributeGroup "aService" should be extended by an attribute "count". Here it can be a tCounter-type.

- Here is also a list of my suggestions for tNationalSystemsType of train protection systems:

```
<xs:enumeration value="ALSEN"/>
```

```
<xs:enumeration value="ALSN"/>
```

```
<xs:enumeration value="ASFA"/>
```

<xs:enumeration value="ATB"/>
<xs:enumeration value="ATBEG"/>
<xs:enumeration value="ATBEN"/>
<xs:enumeration value="ATC"/>
<xs:enumeration value="ATSP"/>
<xs:enumeration value="AWS"/>
<xs:enumeration value="BACC"/>
<xs:enumeration value="CIR-ELKE"/>
<xs:enumeration value="CIR-ELKE2"/>
<xs:enumeration value="Crocodile"/>
<xs:enumeration value="CSS"/>
<xs:enumeration value="DATC"/>
<xs:enumeration value="EBICAB"/>
<xs:enumeration value="EVM120"/>
<xs:enumeration value="Fahrsp"/>
<xs:enumeration value="GWATP"/>
<xs:enumeration value="Indusi54"/>
<xs:enumeration value="Indusi60"/>
<xs:enumeration value="Indusi60R"/>
<xs:enumeration value="Integra-Signum"/>
<xs:enumeration value="KHP"/>
<xs:enumeration value="KLUBU"/>
<xs:enumeration value="KVB"/>
<xs:enumeration value="LS"/>

<xs:enumeration value="LS90"/>
<xs:enumeration value="LZB"/>
<xs:enumeration value="Memor"/>
<xs:enumeration value="Mirel"/>
<xs:enumeration value="PZ80"/>
<xs:enumeration value="PZB90"/>
<xs:enumeration value="RS4c"/>
<xs:enumeration value="SAUTC"/>
<xs:enumeration value="SAUTCM"/>
<xs:enumeration value="SAUTU"/>
<xs:enumeration value="SCMT"/>
<xs:enumeration value="SELCAB"/>
<xs:enumeration value="SHP"/>
<xs:enumeration value="SSC"/>
<xs:enumeration value="TBL"/>
<xs:enumeration value="TPWS"/>
<xs:enumeration value="TVM300"/>
<xs:enumeration value="TVM400"/>
<xs:enumeration value="TVM430"/>
<xs:enumeration value="ZSL90"/>
<xs:enumeration value="ZUB121"/>
<xs:enumeration value="ZUB122"/>
<xs:enumeration value="ZUB123"/>
<xs:enumeration value="ZUB262"/>

Please do not hesitate to ask me, if there are any questions about my remarks.

Kind regards

Carsten Weber
