Subject: [railML3] Proposal of a semantic constraint for <baliseGroup>
Posted by Milan Wölke   on Fri, 27 Sep 2024 10:28:29 GMT
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Hi all,

the ETCS working group introduced a semantic constraint for balise groups documented in the working groups documentation for the element <baliseGroup> and <balise>. The following wording was proposed:

Quote:
The element "baliseGroup" shall always use the railML option "spotLocation" to define the balise group location on the topology.

The same wording would apply for "balise".

The following reasoning was given by the working group:

According to UNISIG-026 (versions 2.3.0, 3.4.0 or 3.6.0), section 3.4.2.2.1 and UNISIG-040 (versions 2.3.0, 3.3.0 or 3.4.0) section 3.3.1.3, a balise group (represented by the railML element "baliseGroup") shall be considered as point-shaped element without extension. The reference location of the balise group is the location of the balise with N_PIG=0.

In extension the balise also is considered a point-shaped element.

Therefore I would propose to add the quoted wording above as a semantic constraint for balise and balise group.

What do you think? Are there objections to this?

Best regards, Milan