Subject: [railML3] Need for modelling Euroloop
Posted by christian.rahmig on Thu, 06 Jun 2024 09:00:12 GMT
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Dear community,

within the railML use case developer group "ETCS" [1] we are going for enhancing railML3 data model to be able to deal with ETCS level 1 projects. In that context, the need for modelling Euroloop (cable based infill information in ETCS L1) was discussed. In particular, the following requirements have been collected:

1) An infrastructure element for the Euroloop is needed.
2) A Euroloop should provide the ETCS country/region ID (NID_C) with values 0..1023
3) A Euroloop should provide the ETCS loop number (NID_LOOP) with values 0..16383
4) A Euroloop should provide the DSS code (Q_SSCODE) with values 0..15
5) A Euroloop should provide its location (especially start and end) in relation to the topology.
6) A Euroloop should be able to connect with a balise group announcing ETCS package 134.

Dear community, if you have any comments on this request, please let us know by your feedback here in the forum.

[1] https://wiki3.railml.org/wiki/UC:IS:ETCS_track_net

Thank you very much and best regards
Christian