
Subject: etcsTrainCategory

Posted by [Torben Brand](#) on Mon, 16 Oct 2017 09:02:54 GMT

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@etcsTrainCategory [integer] refers to the (integer)value in:

ERTMS UNIT - ASSIGNMENT OF VALUES TO ETCS VARIABLES

The XSD schema points to v1.9 from 10/07/2012 (should probably be v0.9)

The wiki points to v1.21 from 20/10/2016

The current version is 1.23 (13/9/2017)

http://www.era.europa.eu/Document-Register/Documents/ERA_ERTMS_040001_v1.23.pdf

The value to use is the @NC_TRAIN in Annex A chapter 6.2

Question: Which is the correct version to use? Note that only the last version is available on the ERA site.

But there is another ERA value with the same purpose in TSI OPE Appendix A (ERTMS OPERATIONAL PRINCIPLES AND RULES) Annex B (LIST OF ETCS OPERATIONAL TRAIN CATEGORIES) that list the @ETCS operational train categories. These are not integers, but string values.

http://www.era.europa.eu/Document-Register/Documents/Appendix_A_version_4.pdf

For all, but on tilting value the NC_Train values translates into the ETCS operational train category over the identical cant deficiency value. The difference between the two value constructs is that the ETCS operational train category is defined based on cant deficiency AND type of brake (P/G) AND type of train (Pas/Tilt Pas/Freight). Where the NC_TRAIN is based on cant deficiency OR type of brake (P/G) OR type of train (Pas/Freight)

For Norwegian speed profiles this translates to:

NO: NC_Train: ETCS operational train category:

normal 5 PASS3

pluss 6 TILT1

tilt 13 TILT5

Question: Which of the two are correct to use?

I assume NC_Train for railML2.3 as this is the value defined and its an integer (which is the value allowed in the schema).

But for railML3 we should discuss which of the two are more predominant. Or allow to use both?
