

Notified National Technical Rules (NNTRs)

ID:	CH-TSI CCS-008	State:	Switzerland	Version:	2.0	Status:	June 2019																								
Title:	Minimally implemented change requests																														
Office responsible:	Federal Office of Transport FOT Approvals and Rules Section			Address:	3003 Bern Switzerland																										
E-mail:	_BAV-WeiterentwicklungRegelwerke@bav.admin.ch																														
Referenced TSI article:	No corresponding requirements in CCS TSI. Basic parameter (2015/2299/EU), Clause 12.2.5.7																														
Reference in Swiss regulation:	IP-RailO IP 38.3, Section 1.1 IP-RailO IP 47.1, Section 3.2																														
Current NNTR classification:	<input type="checkbox"/> NNTR on an 'open point' in the TSI <input type="checkbox"/> NNTR due to difference between Swiss regulation and corresponding requirements in the TSI <input checked="" type="checkbox"/> NNTR due to additional requirements in Swiss regulation without equivalent in the TSI																														
Full description:	Title	Minimally implemented change requests																													
	Type of Requirement	Safety	Reliability/availability	Health	Environment	Technical compatibility																									
		X	X	-	-	X																									
	Scope of application	ETCS on-board unit																													
	Requirement	<p>An 'X' in the following table indicates which change requests (CRs) must be implemented in addition to the ETCS on-board unit's SRS version. Please pay attention to the footnotes.</p> <table border="1"> <thead> <tr> <th>CR</th> <th>SRS 2.2.2+</th> <th>SRS 2.3.0d</th> <th>SRS 3.4.0</th> <th>SRS 3.6.0</th> </tr> </thead> <tbody> <tr> <td>16, 34, 35, 46, 50, 55, 63, 88, 91, 94, 95, 102, 115, 138¹, 143, 144, 154², 155, 197, 209, 218, 223, 226, 231, 248, 252, 253, 268, 375, 379, 387, 389, 396, 398, 417, 419, 421, 436, 441, 445, 449, 454, 458³, 460, 470, 476, 477, 499, 500⁴, 512, 525, 532, 556, 600⁵, 616, 620, 645, 688, 744, 781, 787, 788, 796</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>336, 907, 917, 1019</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>1091⁶</td> <td></td> <td></td> <td>X</td> <td></td> </tr> <tr> <td>1312 item 3b⁷</td> <td></td> <td></td> <td>X</td> <td>X</td> </tr> </tbody> </table> <p>¹ CR 138 must be implemented at least as follows: It must be possible to reset braking in reversing mode when the vehicle is stationary. When the vehicle is in reversing mode and stationary, monitoring of the resetting distance may never lead to use of the brake, even</p>						CR	SRS 2.2.2+	SRS 2.3.0d	SRS 3.4.0	SRS 3.6.0	16, 34, 35, 46, 50, 55, 63, 88, 91, 94, 95, 102, 115, 138 ¹ , 143, 144, 154 ² , 155, 197, 209, 218, 223, 226, 231, 248, 252, 253, 268, 375, 379, 387, 389, 396, 398, 417, 419, 421, 436, 441, 445, 449, 454, 458 ³ , 460, 470, 476, 477, 499, 500 ⁴ , 512, 525, 532, 556, 600 ⁵ , 616, 620, 645, 688, 744, 781, 787, 788, 796	X				336, 907, 917, 1019	X	X			1091 ⁶			X		1312 item 3b ⁷			X
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1312 item 3b ⁷			X	X																											

	<p>when the remaining resetting distance is 0m or the permitted resetting distance has been exceeded.</p> <p>NB: The amendment to SRS section 4.4.18.1.3 by CR 138 should be ignored, as CR 907 must be fully implemented.</p> <p>² CR 154: Only the part relevant to reversing mode must be implemented.</p> <p>³ CR 458 must only be implemented if conditions are possible (e.g. owing to odometry problems) under which the ETCS on-board unit sends Packet 1, even though no single balise groups are located on the track.</p> <p>⁴ CR 500: Only the amendment to SRS section 3.18.3.4 must be implemented.</p> <p>⁵ CR 600: Only the part regarding the sending of position reports according to position report parameters in operating mode UN must be implemented.</p> <p>⁶ CR 1091 may be implemented, but this is not a requirement. NB: It has been decided (DAT 329) that when CR 1091 is implemented, CR 1326 should also be implemented.</p> <p>⁷ CR 1312: The CR must be implemented at least to the extent that an operating mode must be confirmed before a message is sent.</p> <p>NB: CR 782 has been adopted for SRS versions 3.4.0 and 3.6.0. It has been shown that the adopted functionality leads to restrictions and risks (DAT 358). The SF ETCS should be contacted for further information.</p>				
Reasons/explanation	See description of problem in the relevant CRs.				
Applicable to SRS version	2.2.2 +	2.3.0d	3.4.0	3.6.0	
	X	X	X	X	
Validity period	unlimited				
Current applicable norms in Switzerland:					
Test specification for certificate of conformity:					