

## Notified National Technical Rules (NNTRs)

|  |  |  |                          |                 |                 |                          |           |
|--|--|--|--------------------------|-----------------|-----------------|--------------------------|-----------|
| <b>ID:</b>   | <b>CH-TSI CCS-038</b>  | <b>State:</b>  | Switzerland              | <b>Version:</b> | 1.0             | <b>Status:</b>           | June 2019 |
| <b>Title:</b>  | <b>Disclosure of large odometry confidence interval</b>  |  |                          |                 |                 |                          |           |
| <b>Office responsible:</b>                               | Federal Office of Transport FOT<br>Approvals and Rules Section   |  |                          |                 | <b>Address:</b> | 3003 Bern<br>Switzerland |           |
| <b>E-mail:</b>   | _BAV-WeiterentwicklungRegelwerke@bav.admin.ch  |  |                          |                 |                 |                          |           |
| <b>Referenced TSI article:</b>                           | CCS TSI, SUBSET-041 (Index 14)   |  |                          |                 |                 |                          |           |
| <b>Reference in Swiss regulation:</b>                    | IP-RailO IP 38.3, Section 1.1<br>IP-RailO IP 47.1, Section 3.2   |  |                          |                 |                 |                          |           |
| <b>Current NNTR classification:</b>                      | <input type="checkbox"/> NNTR on an 'open point' in the TSI<br><input type="checkbox"/> NNTR due to difference between Swiss regulation and corresponding requirements in the TSI<br><input checked="" type="checkbox"/> NNTR due to additional requirements in Swiss regulation without equivalent in the TSI |  |                          |                 |                 |                          |           |
| <b>Full description:</b>                                 | <b>Title</b>   | Disclosure of large odometry confidence interval   |                          |                 |                 |                          |           |
|  | <b>Type of Requirement</b>   | Safety   | Reliability/availability | Health          | Environment     | Technical compatibility  |           |
|  |  | X  | -                        | -               | -               | -                        |           |
|  | <b>Scope of application</b>  | ETCS on-board unit   |                          |                 |                 |                          |           |
|  | <b>Requirement</b>   | <p>NB: The implementation of this requirement is described in more detail in the letter from the FOT to the sector (September 2019).<br/>           If there are deviations from the specifications in SUBSET-041 (CCS TSI) clause 5.3.1.1, the train driver must be fully informed.<br/>           The resulting action to be taken by the train driver is determined by the on-board integrator.</p> |                          |                 |                 |                          |           |
|  | <b>Reasons/explanation</b>   | It must be clear to the train driver that the path measurement deviates from the odometric accuracy required in the specification.   |                          |                 |                 |                          |           |
|  | <b>Applicable to SRS version</b>   | 2.2.2 +  | 2.3.0d                   | 3.4.0           | 3.6.0           |                          |           |
|  |  | X  | X                        | X               | X               |                          |           |
| <b>Validity period</b>                                   | unlimited  |  |                          |                 |                 |                          |           |
| <b>Current applicable norms in Switzerland:</b>          |  |  |                          |                 |                 |                          |           |
| <b>Test specification for certificate of conformity:</b> |  |  |                          |                 |                 |                          |           |