Notified National Technical Rules (NNTRs)

| ID: | СН-Т | SI CCS-005 | | State: | Switzerland | Version: | 2.0 | Status: | June 2019 | |
|--------------------------------------|--------|--|--|--|------------------------------|----------|--------------------------|--------------------------|-----------|--|
| Title: | | Proof of | Proof of Quality of Service for GSM-R radio transmission | | | | | | | |
| | | Office of Transport FOT s and Rules Section | | | | Address: | 3003 Bern Switzerland | | | |
| E-mail: _BAV-We | | eiterentwicklungRegelwerke@bav.admin.ch | | | | | | | | |
| Referenced TSI article: | | No corresponding requirements in CCS TSI. Basic parameter (2015/2299/EU), Clause 12.1.2.2 | | | | | | | | |
| Reference in Swiss regulation: | | | IP-RailO IP 38.3, Section 1.1 IP-RailO IP 47.1, Section 3.2 | | | | | | | |
| Current NNTR classification: | | □ NNTR on an 'open point' in the TSI □ NNTR due to difference between Swiss regulation and corresponding requirements in the TSI □ NNTR due to additional requirements in Swiss regulation without equivalent in the TSI | | | | | | | | |
| Full description: | | Title | tle GSM-R Proof of Quality of Service for GSM-R radio transmission | | | | | | | |
| | | Type of requirement | | Safety | Reliability/ availability | Health | Environme nt | Technical compatibili ty | | |
| | | | | - | Х | - | - | Х | | |
| | | Scope of application | | | | | | | | |
| | | Requirem | ent | The ETCS data channel must meet the QoS parameters in SUBSET-093 V2.3.0 "GSM-R Interfaces Class 1 Requirements". Version 3.0 is to be used for document O-2475 "ERTMS/GSM-R Quality of Service Test Specification" referenced in SUBSET-093. As proof of compliance, test results obtained with a GSM-R network in operation in Europe or in a laboratory which reproduces such a network are required. | | | | | | |
| | | | | | | | | | | |
| | | Reasons/ explanation | | Compliance with required QoS parameters for GSM-R (EDOR) in order to ensure reliable operation on ETCS L2 track. | | | | | | |
| | | Applicable to | | 2.2.2 + | 2.3.0d | 3.4.0 | 3.6.0 | | | |
| | | SRS version | | Х | Χ | Х | Х | | | |
| | | Validity p | eriod | unlimited | | | | | | |
| Current norms | | cable tzerland: | | | | | | | | |
| Test sp certifications conform | ate of | ation for | | | | | | | | |