

Evolution Radio: the EVORA Project

CCRCC 2019

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Main objectives:

- Prepare the CCS TSI update 2022
 - To allow the **introduction** of FRMCS
 - Support a smooth **migration** from GSM-R to FRMCS for mandatory applications
 - Support the further **digitalisation of**
- To define the **scope** for the update. The update should cover the following aspects: Functional, Technological, Spectrum, Migration
- EVORA will prepare the mandatory specifications, but relies on **external contributions**. Inputs shall be received **before mid 2021** in order to keep the plan
- The project offers a **synchronisation platform** for the relevant actors to share their views and inputs for this CCS TSI update: CER, EIM, UNISIG/UNITEL, UIC, UITP, EUG, ETSI, S2R



CCS TSI
2022

Specifications shall focus on:

- Generic communication services for all voice and data applications
- Interfacing with ETCS
- Essential voice communication applications
- Air interface: radio frequencies, radio technologies, protocols, et cetera
- Interworking with GSM-R

While taking into account:

- Migration principles
- Control Command System Architecture

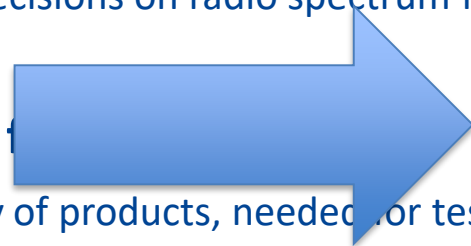


Main risks for CCS TSI 2022:

- Delayed delivery of requirement specifications
- Delayed delivery of necessary standards
- Delayed decisions on radio spectrum for d

Challenges for

- Availability of products, needed for test a
- Assignment of spectrum by Member States
- Preparation of test and validation activities





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