

To: Thomas Weber, Chairman WG FM Short Range Devices Maintenance Group
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| Subject: | Liaison statement on Short Range Devices operating in the ER-GSM band |

Dear Thomas,

Thank you for giving the railway community the opportunity to express their needs regarding the usage of the ER-GSM spectrum for the operation of short range devices.

In the frequency band 873 – 880 MHz paired with 918 – 925 MHz GSM-R is the primary user as defined in ECC DEC (02)05 und (04)06. Any secondary service is not allowed to cause harmful interferences to the primary service.

During the last few years I worked closely together with the RFID industry to develop mitigation strategies to fulfil this requirement. Currently ETSI STF 397 started phase 3 to develop a demonstrator to show the capability of RFID Interrogators to detect and protect GSM-R services

In 2009 ETSI STF 397 identified also the basic requirements for the operation of SRD Low Duty Cycle devices in the ER-GSM band to protect GSM-R services. These results should be the basis for further work and as UIC frequency manager and representative of the railway community I would like to announce the collaboration of the railways.

Kind regards

Dirk Schattschneider
UIC WG FM Chairman