**RIS implementation of ECC/DEC/(08)01 on the harmonised use of the 5875-5925 MHz frequency band for Intelligent Transport Systems (ITS)**

Foreword

The ECC has decided that RIS implementations of ECC deliverables should be uploaded to the ECO website in order to help administrations fill out the EFIS database.

This RIS implementation is limited to harmonised frequency arrangements for ITS in the 5875-5925 MHz bands

**RIG II Template for the harmonised use of the 5875-5925 MHz frequency band for Intelligent Transport Systems (ITS)**

**Radio Interface Notification by an administration**

**Normative part**

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| **Nr** | **Parameter** | **Description** | **Comments** |
| **1** | **Radiocommunication Service** | Mobile Service |  |
| **2** | **Application** | Intelligent Transport Systems (ITS) | ITS traffic safety and traffic efficiency communication includes Inter Vehicle Communication (IVC), Infrastructure to Vehicle (I2V) communication and portable ITS stations in highly dynamic ad-hoc networks. |
| **3** | **Frequency band** | 5875-5925 MHz | 5875-5905 MHz is on a non-exclusive basis for ITS traffic safety applications. |
| **4** | **Channelling** | Frequency arrangement should be based on split into channels with a bandwidth of 10 MHz |  |
| **5** | **Modulation /  Occupied bandwidth** | Not specified | Technology neutral approach |
| **6** | **Direction /  Separation** | Not applicable |  |
| **7** | **Transmit power / Power density** | maximum spectral power density for ITS stations is limited to 23 dBm/MHz e.i.r.p. and the total power shall not exceed 33 dBm e.i.r.p. | With a Transmit Power Control (TPC) range of 30 dB |
| **8** | **Channel access and occupation rules** | Not specified |  |
| **9** | **Authorisation regime** | General authorisation | No registration and/or notification is required (commonly known as “licence exempt”). |
| **10** | **Additional essential requirements according to Art. 3.3 of R&TTE Directive** | None |  |
| **11** | **Frequency planning assumptions** | ECC Report 101 and ECC Report 228 | Unwanted emission limits apply for the protection of other systems in adjacent bands. Equivalent mitigation techniques, as defined in the relevant harmonised European standard ETSI EN 302 571 may also be used. |

**Informative Part**

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| **Nr** | **Parameter** | **Description** | **Comments** |
| **12** | **Planned changes** | A future review may consider the designation of the frequency band 5905-5925 MHz for an extension of ITS spectrum |  |
| **13** | **Reference** | EC Decision 2008/671/EC  ECC/DEC/(08)01  ETSI EN 302 571 |  |
| **14** | **Notification number** |  |  |
| **15** | **Remarks** | *Definition:*  *Abbreviation*  *e.i.r.p. equivalent isotropically radiated power* |  |