Doc. SE40(24)05

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| WG SE40 | |
| SE40 (82nd) | | |
| Hybrid meeting, Groningen, Netherlands | | |
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| Date issued: | 20 February 2024 | |
| Source: | France | |
| Subject: | WI40\_39 - Amateur and RNSS in the band 1240-1300 MHz | |
| Group membership required to read? (Y/N)  N | | |
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| **Summary:** WI40\_39 is closely related to agenda item 9.1b (Resolution **774** (**WRC-19**)) that was finalised during the last RA-23 and WRC-23.  At RA-23, Recommendation ITU-R **M.2164**, has been adopted that proposes guidance on technical and operational measures for the use of the frequency band 1 240-1 300 MHz by the amateur and amateur-satellite service in order to protect the radionavigation-satellite service (space-to-Earth).  Following, at WRC-23, agenda item 9.1b has been finalised by proposing to add a footnote to Article 5 of the RR, that refers to Recommendation ITU-R **M.2164** and that proposes to ensure that the amateur and amateur-satellite services do not cause harmful interference to radionavigation-satellite service (space-to-Earth) receivers in accordance with No. **5.29**. Furthermore, this footnote also mentions that an authorizing administration, upon receipt of a report of harmful interference caused by a station of the amateur or amateur-satellite services, shall take all necessary steps to rapidly eliminate such interference.  WG SE has been provided guidance to SE40 to reflect the outcome from WRC-23 and to update the report developed under this work item accordingly. Further information is also available in the Minutes of the 95th WG SE Meeting ([SE(24)038](https://api.cept.org/documents/wg-se/81715/se-24-038_wg-se-95-minutes)).  This document takes into consideration the guidance from WG SE and provides an update to section 9 (RFI mitigation) in order to mention Recommendation ITU-R **M.2164**. Furthermore, France is also proposing some updates to the tables in section 6 in order to correct the percentages of RNSS impacted receivers using the exact amateur station densities and some editorial updates to section 10 of the report. The Attachment to this contribution contains the proposed revisions from France to the report, using track changes and underlined in gray.  In conclusion, if all proposed modifications can be agreed upon during this SE40 then France considers that this document is mature enough to be sent for public consultation at the next WG SE (6-10 May 2024). | | |
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| Proposal: | | |
| To consider the document attached. | | |
| Background: | | |
| Due to an interference caused by an application of the radio amateur service to a station of the RNSS two measurement campaigns were carried out (see document FM44(19)017). So, in order to avoid any interference in the future SE40 was tasked to develop possible scenarios with conditions or limitations that may be applied to the amateur service to ensure the future coexistence of both services and avoid cases of interference considering the allocations in the frequency band 1240 - 1300 MHz to the radionavigation-satellite service (RNSS) with a primary status and to the amateur service and a portion to the amateur-satellite service, both with a secondary status as well as to other services. | | |