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| China (People’s Republic of) |
| Views AND PROPOSALS RELATED TO THE DRAFT REVISION OF RECOMMENDATION ITU-R M.1036-5 |
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# 1 Introduction

As listed in the Chairman’s report of the 32nd meeting of WP 5D, some issues still remained to be discussed in the draft revision of Recommendation ITU-R M.1036-5. In the last meeting of Study Group 5 (2-3 Sep., in Geneva) it was agreed that the revision document would be submitted to RA‑19 for further consideration and possible agreement on the approval process. As indicated in Document [5/174](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=R15-SG05-C-0174), the open issues are:

*1 The modified version of the paragraph at the beginning of Table 1 in Attachment 1 to the Annex of this PDRR ITU-R M.1036-5 needs to be further discussed.*

*2 With regards to the treatment of Section 4 “Frequency arrangements in the band 1 427‑1 518 MHz”, there were some concerns by certain ITU-R members to include section 4 in the revision of Recommendation ITU-R M.1036-5 and there was no agreement on this issue, while two views were expressed.*

*3 Concerning Note 5 under section 5, there is still a square bracket put for the last sentence of this note as there was no agreement reached.*

# 2 Views related to the frequency arrangements in the band 1 710-2 200 MHz

With regard to the frequency band 1 710-2 200 MHz, the draft revision of Recommendation ITU‑R M.1036-5 contains proposals for modification *recognizing c and d* and Note 5 to Table 4 under Section 5.The last sentence of Note 5 in the draft revision of Recommendation ITU-R M.1036-5 is still in square brackets.

***First***, it should be noted that *invites ITU-R* section of Resolution 212 (Rev. WRC-15) indicates the following actions to be taken:

“to study possible technical and operational measures to ensure coexistence and compatibility between the terrestrial component of IMT (in the mobile service) and the satellite component of IMT (in the mobile service and the mobile-satellite service) in the frequency bands 1 980-2 010 MHz and 2 170‑2 200 MHz where those frequency bands are shared by the mobile service and the mobile-satellite service in different countries, in particular for the deployment of independent satellite and terrestrial components of IMT and to facilitate development of both the satellite and terrestrial components of IMT,”

Within the above scope, the sharing study of 9.1.1 issue of WRC-19 is not finalized by ITU-R at present and the Report ITU-R M.[MSS&IMT-ADVANCED SHARING] is not completed yet.

***Second,*** during the work on revision of Recommendation ITU-R M.1036-5, an agreement was reached between the SG5 and SG4 (Documents 4/3 and 5/3, p.7) that:

“... any revisions for the satellite-related texts will be done through liaison activity between the relevant Working Parties. When the output for the draft revision is prepared by the Working Parties, it should be sent to Study Group 5 for formal action on its adoption and approval. The draft text should also be sent to Study Group 4 for its consideration, as required. If the Study Group 5 meeting introduces further non-editorial modifications to the satellite-related texts, then the revision of recommendations and/or other satellite service relevant text need to be sent back to the relevant Working Parties for review.”

The changes proposed by WP5D to *recognizing c and d* and Note 5 to Table 4 of Recommendation ITU-R M.1036-5 are not editorial changes and had to be agreed by WP4C.

# 3 Proposal

Based on the above observations, China proposes that the original texts should be retained if no consensus could be reached on any revisions of satellite-related texts in the draft revision of Recommendation ITU-R M.1036-5.

Concerning Note 5 under Section 5, as a way forward, China proposes to delete the square bracket and retain the last sentence of Note 5 (as follows in turquoise) to reflect the situation that the sharing studies between terrestrial IMT and satellite IMT is not finalized in ITU-R Study Group level, which is essential to provide technical assistance for administrations to deploy terrestrial components and satellite components of IMT in different countries in the same frequency bands.

“NOTE 5 − A unique situation exists for the frequency arrangements B6 and B7 and parts of arrangements B3 and B5 in the bands 1 980-2 010 MHz and 2 170-2 200 MHz, which have been identified for the terrestrial component of IMT and the satellite component of IMT as outlined in *recognizing d).* Co‑coverage, co-frequency deployment of independent satellite and terrestrial IMT components is not feasible unless appropriate mitigation techniques are applied. When these components are deployed in adjacent geographical areas in the same frequency bands, technical or operational measures need to be implemented if harmful interference is reported. [Further studies are being carried out by the ITU‑R.]”

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