

**LONG-RANGE PLANNING FOR BANDS IN THE MOBILE TERRESTRIAL SERVICE  
INCLUDING THOSE IDENTIFIED FOR IMT**

The XXII Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

**CONSIDERING:**

- a) That bands identified for IMT have existing users and [Recommendation ITU-R M.1036](#) “Frequency arrangements for implementation of the terrestrial component of International Mobile Telecommunications (IMT) in the bands identified for IMT in the Radio Regulations (RR)” provides frequency arrangements for implementation of the terrestrial component of International Mobile Telecommunications (IMT) in the bands identified for IMT in the Radio Regulations (RR);
- b) That guidance on harmonized frequency arrangements for various bands identified for IMT is provided in CITEL Recommendations [PCC.II/REC.7 \(III-04\)](#), [PCC.II / REC. 8 \(IV-04\)](#), [PCC.II/REC. 028 \(XV-10\)](#), [PCC.II/REC. 032 \(XIX-12\)](#), [PCC.II/REC. 033 \(XIX-12\)](#), [PCC.II/REC. 034 \(XX-12\)](#), and [PCC.II/REC.35 \(XX-12\)](#);
- c) That equipment for harmonized band plans should be readily available within the frequency ranges in the Recommendations noted in *considerings* a) and b);
- d) That 3GPP has developed and/or is studying the technical characteristics, including the center gap and the coexistence with adjacent bands, and is developing the specifications for some of the harmonized frequency bands;
- e) That [Report ITU-R M.2264](#) provides guidance for the development of band plans with contiguous bandwidths for mobile broadband applications for use in spectrum planning;
- f) That, as indicated in [Report ITU-R M.2264](#), within a harmonized band plan, smaller blocks or sub-bands could be tailored and designated to different individual uses such as commercial operators, public safety agencies, utilities, business or industrial companies, etc;
- g) That the re-planning of a band is a long-term process that requires careful consideration of the uses of the band, harmonized frequency arrangements, standards, and equipment availability;
- h) That long-range planning in general should benefit both incumbents and potential new users, as well as it would help in achieving harmonization and long-term solutions,

**RECOMMENDS:**

1. To carry out long-range planning for bands in the mobile terrestrial service, including those identified for use by IMT and other existing uses, while considering the possibility of deploying new, advanced systems as relevant.

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<sup>1</sup> CCP.II-RADIO/doc. 3424/13

2. That OAS/CITEL administrations continue to use frequency arrangements already harmonized for IMT to achieve economies of scale and facilitate roaming.