

Submission to the ITU-BDT Regional Seminar for the African Region on Fixed Mobile Convergence and Guidelines on the Smooth Transition of Existing Mobile Networks to IMT-2000 for Developing Countries

Topic Area: TBD

Title: IMT-2000 Regulatory and Spectrum Issues (With specific focus on the African Region's Preparatory Efforts for the CPM-06 and WRC-07)

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Abstract:

The presentation will focus on regulatory considerations for IMT-2000, specifically allocation, development of service rules, assignment and compliance and enforcement of the rules that guide spectrum usage. When taking on the task of spectrum management, it is important that regulators maximize its use through the utilization of these functions while also taking into consideration the importance of promoting technology flexibility and adaptable service rules and regional/global coordination.

In addition, the presentation will cover Resolution 228 (Rev.WRC-03) which invites the ITU-R in preparation of WRC-07 to further study the technical and operational issues associated with the future development of IMT-2000 and systems beyond IMT-2000. Specifically in this context, it will discuss the evolution of IMT-2000 and pre IMT-2000 systems, the frequency bands currently identified for IMT-2000 and the use of frequencies below those bands currently identified for IMT-2000 by the ITU.

Lastly, the presentation will list the objectives to be met by IMT-2000 to match the needs of developing countries, specifically in the African region. This section will take into account ITU-R Recommendation 819-2, IMT-2000 for developing countries, and also the requirements for developing countries with regards to the use and regulation of frequency spectrum.