

Agenda Item: 8.5
Source: ITU-R Ad Hoc
Title: Proposed Updated information on the Roadmap
Document for: Approval

[ITU Member]¹

UPDATED INFORMATION ON THE ROADMAP

This contribution contains updated information on the Roadmap for IMT-2000 CDMA DS and IMT-2000 CDMA TDD, with reference to the main technical areas under investigation within 3GPP TSG RAN.

?? Improvements of Radio Interface

Include also:

- ? *Multiple Input Multiple Output antennas (MIMO).*
- ? *FS for the viable deployment of UTRA in additional and diverse spectrum arrangements.*
- ? *Improving Receiver Performance Requirements for the FDD UE.*
- ? *Base station classification.*
- ? *Feasibility Study on UTRA Wideband Distribution Subsystems (WDS).*
- *Use of UMTS in currently occupied bands in Regions 1, 2 and 3 (including the 800 MHz band in Region 3 and the 850 MHz band in Region 2)*

?? RAN improvements

Include also:

- ? *Improvement of RRM across RNS and RNS/BSS.*
- ? *Beamforming Enhancements.*
- ? *Feasibility Study on the Evolution of UTRAN Architecture.*

?? Multimedia Broadcast/Multicast Service (MBMS)

?? UTRAN Sharing in connected Mode

?? Evolution of the Transport in the UTRAN

?? UE Positioning

Include also:

¹ This contribution was developed in 3GPP TSG RAN.

? *Open interface between the SMLC and the SRNC within the UTRAN to support Rel-4 positioning methods.*

The most updated and complete list of all technical areas currently addressed within 3GPP, together with a description of the current status of the activities, can be found on the 3GPP web site www.3gpp.org