

ITU/BDT Regional Seminar
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Key messages on WRC-07 Agenda Items 1.4 & 1.9

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UMTS coverage is progressing strongly, however, many growth markets still have in year 2006 a coverage limited to main cities and have no plan for 3G/UMTS due to the current spectrum situation. WRC-07 offers an opportunity to identify additional appropriate spectrum for mobile to provide 3G services at affordable costs.

Two agenda items are of high importance for mobile industry at WRC-07, namely Agenda Item 1.4 and Agenda Item 1.9. Agenda Item 1.4 refers to the advanced high-bit rate services needs in the bands below 5GHz for the future evolutions of UMTS/IMT-2000 and IMT-Advanced and to the extended UMTS/IMT-2000 coverage needs in the bands below those already identified for IMT-2000 (Resolution 228).

Concerning lower bands, it is anticipated that WRC-07 allocate the whole 470-862 MHz band to the Mobile Service on a primary basis in all three ITU Regions. Furthermore it is expected that at least 2x30 MHz within the 470-600 MHz band are identified globally for IMT-2000/UMTS and IMT-Advanced. WRC-07 is also the right time to identify new spectrum for mobile high-data rate broadband use. Mobile applications and services demanding high data-rate access, with foreseen data volumes and 100 Mbps/1 Gbps peak data-rates, cannot perform satisfactorily within today's IMT-2000 spectrum. Bands for the very high-data rate IMT-Advanced services should be globally common and be below the 5 GHz.

Agenda Item 1.9 refers to the protection of the 2500-2690 MHz band from satellite interference. WRC-07 should adopt under agenda item 1.9, technical and regulatory provisions that ensure the protection of IMT-2000/UMTS from satellite interference and fully safeguard the future deployment of terrestrial IMT-2000/UMTS deployment on a worldwide level.