

Submission to the ITU-BDT Sub-Regional Seminar on IMT-2000 for the CEE & Baltic States

Topic Area: Session 2.2: IMT-2000 Regulatory Operational Aspects

- 2.2.2: Regulatory Considerations

Title: IMT-2000 Spectrum and Other Regulatory Considerations

Author: Molly Gavin
Manager, Government Affairs
QUALCOMM Incorporated
5775 Morehouse Dr.; San Diego, CA 92121
Tel.: +1 858-651-6462, Fax: +1 858 651-2590
E-mail: mgavin@qualcomm.com

Abstract:

The presentation will focus on spectrum management functions; specifically spectrum allocation, development of service rules, spectrum 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, adaptable service rules and regional/global coordination.

In addition, the presentation will review IMT-2000 spectrum allocation and assignment issues. The ITU's World Radio Conferences (WRC) in 1992 and 2000 identified several bands for the deployment of IMT-2000 systems and services. Further the recently held WRC 2003 created Agenda Item, 1.4, which considers frequency-related matters for the future development of IMT-2000 and systems beyond IMT-2000 taking due account of the results of ITU-R studies in accordance with Resolution 228 (Rev.WRC-03). The presentation will give a breakdown of the frequency bands that were identified at the WRC conferences in 1992 and 2000 as well as the recommendations and work underway by ITU Working Party 8F on IMT-2000 frequency arrangements. Lastly, the presentation will review the factors that regulators and governments should take into consideration when selecting IMT-2000 frequencies and specific pairing arrangements.