

## Workshop on Frequency Management

May 22-23, 2003

The workshop was organised for MCTI (Ministry of Communications and IT) and IGCTI (General Inspectorate for Communications and IT) staff members.

### *Speakers:*

**Mr. Dale N. Hatfield**, Adjunct Professor at the University of Colorado at Boulder

**Mr. Richard M. Nunno**, Telecommunications Policy Analyst at the Federal Communications Commission



As the audience was rather heterogeneous including technical attendants as well as personnel with a legal background, Mr. Dale's presentation covered some introductory information giving a definition of the spectrum as such as well as of the spectrum management, identifying its four major parts: allocation, service rules/license conditions, assignment and enforcement. Then Mr. Dale spoke about the broad goals of spectrum management, discussing the nature of the spectrum allocation problem and the traditional approaches. He further on shifted the attention to the assignment problem discussing the advantages and disadvantages of each technique used. Advances in Wireless Technologies and Applications, was another topic, reviewing the different categories of wireless systems and challenges in wireless system design.

Mr. Nunno, provided an extensive over-view of the FCC's ideas on reforming the spectrum management process. He reviewed in detail the findings and recommendations of the agency's Spectrum Policy Task Force and provided an up-dated description of the status of its recommendations. He also showed the importance of the international aspects of spectrum management and, in particular, in the importance of effective representation at international conferences (e.g., the World Radio Conferences) to protect national interests.



*Mr. Jerker Torngren, RITI dot-Gov project Director, preparing to introduce the workshop*



*Paying attention to the "teacher" to get as much information as possible*

IGCTI Spectrum Management Service took great advantage from the course having in view the specific activity of their institution and of their service in particular and considered it so useful that they asked for other trainings to follow up.

This year, the implementation of the National System for radio-electric Spectrum Monitoring and Administration will be finalized, a system that will be coordinated by their service.

So, they would like to benefit from other workshops with specialists from USA on issues related to the frequency administration domain as well as on spectrum monitoring techniques and policies.

*They look like two teams- the legal one and the technical one. Tough task for the speakers – to manage the balance between them. Well, they did it very successfully as the participants also attested.*

