

NTIA-OSM LONG-RANGE STRATEGIC SPECTRUM PLANNING PROJECT

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This presentation will provide an overview of the Office of Spectrum Management, National Telecommunications and Information Administration, U.S. Department of Commerce initiative which supports the Presidential Initiative to improve Spectrum Management in the 21st Century. The background for this project, including the 2003 Presidential Memorandum and subsequent NTIA 2004 reports to the President will be presented as well as an overview of all projects resulting from presidential direction to implement the recommendations presented in the reports. Specifically, the Long-Range Spectrum Planning Project will produce a National Strategic Spectrum Plan which will be a bi-annually updated plan for Spectrum Management tailored to satisfy the future needs of federal government and non-federal government and eventually commercial communication systems. The plan, based upon requirements traceable back to agency missions will address: (1) New technologies or expanded services requiring spectrum, (2) the nature and characteristics of the new radio communications systems required, (3) the nature and characteristics of the spectrum required, and (4) suggested spectrum efficient approaches to meeting the spectrum requirements. The importance of involvement of the USRI community, which as a group is a spectrum user with very special needs, in the long-range planning process, will be emphasized. The methods and processes for clearly identifying and stating the spectrum needs, and the level of detail for the rationale supporting those needs, will be suggested. The international nature of the spectrum needs of the USRI community requires that clear, concise, substantiated spectrum requirements be included in the US National Strategic Spectrum Plan, but also in similar plans of ITU members in which USRI systems will operate.

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2. F - Wave Propagation and Remote Sensing
3. (a) Spectrum Management in the 21st Century
4. I - Invited Paper, Program chair: Davis-St.Germain
5. This paper is for the joint Commission J and F session on Spectrum Management in the 21st Century