



The National Telecommunications and Information Administration -NTIA-

**Edward M. Davison
Deputy Associate Administrator
Office of Spectrum Management
National Telecommunications
and Information Administration
(202)-482-5526
edavison@ntia.doc.gov**

Rules of the Road

- NTIA (Federal) and FCC (non-Federal) regulate users NOT specific spectrum
- Agencies own no spectrum
 - Authorizations are for agency needs only and done by frequency, location, and specific technical parameters
 - No funding accepted for secondary market

Sharing Today

- Agencies can and do share today
- Examples
 - NTIA Manual: Section 8.2.47 - Shared Federal/Non-Federal Radio Systems
 - Part 15
 - 5 GHz DFS
 - Little LEOs
 - 23 GHz Fixed
 - 8 GHz Earth Exploration-Satellite Service
- Current Situation: Any larger sharing program would most likely have to be regulator, vice agency, based

Eddie's Questions

- What bands are we talking about?
- Are we only talking about non-Feds in bands where there are only Federal allocations?
- What types of services are we talking about?
- What actually has been proven to work?
- If it works where is it being used between non-Federal users?
- Between Federal users?
- What does Non-Interference Basis really mean?
- Enforcement?

Bottom Line

- TRUST
- Entities that want to share need to prove their technologies, e.g., start small
- Sharing needs to work for both sides
- Agencies need resources to support
- Policy/Enforcement
- TRUST