The National Telecommunications and Information Administration -NTIA-

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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