Spectrum Allocation and Coordination

ITS 437
International Structure

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Recommendations

Member Countries
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• Terrestrial Services
  – Procedures and registration of terrestrial national frequency assignments

• Space Services
  – Procedures and Registration of frequency assignment and allocation of orbital slots

• Regional Radio Conferences

• World Radio Conferences
  – about every 4 years
ITU Regions

Figure 1: Map identifying Region 1, Region 2, and Region 3, as defined in paragraph 2.104(b), and the Tropical Zone (shaded area), as defined in paragraph 2.104(c)(4).
US Regulatory Structure

• Dual authority
  – Federal Government Entities
    • NTIA Certification
    • Code of Federal Regulations Title 47, parts 300-399
  – Everyone else
    • FCC License
      – Code of Federal Regulations Title 47, parts 0-19
    • Transmitter-specific licenses
    • “Blanket” functional licenses, aka “unlicensed”