

Technology Transition Trials

FCC GN Docket 13-5

- Copper to Fiber
- Wireline to Wireless
- TDM to IP
- VoIP
- NG911

- Technology Trials
 - VoIP Interconnection
 - Opportunity for IC Agreement
 - Technology/Industry Standards Data
 - Legal Frameworks

- Technology Trials
 - Technical Issues
 - Signaling, media formats, text, video, fault isolation, failover, and QoS
 - Logistical Issues
 - IC Points, pricing, transit, numbering, portability, SLA's, QoS, & T's & C's

- Technology Trials
 - Process
 - No Regulatory Backstop?
 - Section 251/252?
- Data
 - Time to agreement
 - Issues in dispute
 - Progress, quality, and reliability reports

- NG911
 - All IP in geographic areas where Public Safety is ready
 - Can VoIP, text, media interconnect with ESInet?
 - How long to transition to all IP?
 - Legacy, native IP, location data (LIS)

- Wireline to Wireless
 - AT&T Petition
 - Residential and business customers
 - Wire center level trial
 - Customer satisfaction
- State/Tribal data collection
 - Churn, counts, disconnects, gross adds, ARPU, switchbacks, complaints, actual data speeds, +
 - Completion, drops, blocks, for voice and data sessions
 - Unified numbering database

- Other Trials
 - Copper to fiber focused
 - Consumer protection and Universal Service
 - Loop sales
 - Role of state and Tribal Gov'ts
 - Policy and rule of law effects where no jurisdictional precedents exist
 - Legal Frameworks revisited
- Trial Structure
 - Assuring best behavior and good faith participation

- Legal Issues
 - What rules implicated in trial
 - Section 214 discontinuance
 - Waivers, forbearance
 - Role of state and Tribal Gov'ts
 - Policy and rule of law effects where no jurisdictional precedents exist
 - Legal Frameworks revisited
- Trial Structure
 - Assuring best behavior and good faith participation

Technology Transition Trials Ideas?

- Creative Public/Private Partnerships
- E-rate 2.0
- Economic Development
- US-UCAN, FirstNet, UTN, & UEN
- Data, research, plan, design