International Wireless Communications Expo

Next Generation 9-1-1

March 7-11, 2011

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Agenda

- NG9-1-1 Notice of Inquiry (NOI)
- Potential Capabilities
- Network Architecture
- Specialized NG9-1-1 Applications
- Implementation and Transition Issues
- Jurisdiction, Authority and Regulatory Roles
- Additional Recommendations in the National Broadband Plan (NBP)
On Dec. 21st, the FCC adopted a NOI in which the Commission seeks comment on a number of issues related to NG9-1-1, including:

- The capabilities that NG9-1-1 will support;
- The NG9-1-1 network architecture;
- Issues associated with the implementation and transition to NG9-1-1; and
- The proper roles of the FCC, other federal agencies, and state, Tribal, and local governments.

The NOI stems from a recommendation in the FCC’s National Broadband Plan.
Potential Capabilities

• Message-Based Text (i.e., SMS and IM Sessions)
• Real-Time Text
• Photos
• Video
• Telemetry
Network Architecture

• Transport Mechanisms

• NG9-1-1 Participants

• Interoperability and Standards

• Public Safety Answering Points (PSAP) Functions
Specialized NG9-1-1 Applications

- Device-Initiated Services
- Social Media
- N11 Numbers
- Auxiliary Data
- Disaster Planning and Recovery
- MLTS/PBX Services
Implementation and Transition Issues

• Disparate PSAP Capabilities
• 9-1-1 Competition
• Liability, Confidentiality and Privacy Concerns
• Network and Data Security Concerns
• Education
Jurisdiction, Authority and Regulatory Roles

- Ability of States to Coordinate the Transition to NG9-1-1
- FCC Jurisdiction
- FCC Coordination with other Federal Agencies
Additional Recommendations in the NBP

• The National Highway Traffic Safety Administration (NHTSA) should direct a report that analyzes the costs of deploying a NG9-1-1 system on a nationwide basis
  
  – NHTSA is working on developing the costs and scope of preparing a Request for Proposal to undertake this study

• Congress should establish a federal regulatory framework for the development of NG9-1-1 and the transition from legacy 9-1-1 to NG9-1-1 networks over time
Thank You!

Questions?

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