



MIDDLE CLASS TAX RELIEF AND JOB CREATION ACT OF 2012

PUBLIC SAFETY

FUNDING

H.R. 3630



FUNDING

NTIA BORROWING AUTHORITY

- Section 6207 of the Act grants NTIA borrowing authority not to exceed \$2B to implement Subtitle B – Governance of Public Safety Spectrum
- Section 6301 of the Act grants NTIA borrowing authority not to exceed \$135M to implement Section 6302 – State and Local Implementation
- In each case, NTIA borrows the initial funds from the general fund of the Treasury prior to the deposit of auction proceeds into the Public Safety Trust Fund (PSTF)



FUNDING

PUBLIC SAFETY TRUST FUND

- Amounts deposited in the PSTF are funds from the incentive auctions to be carried out by the FCC under 47 U.S.C. § 309(j)(8)(G) or the auction of spectrum pursuant to Section 6401
- Funds deposited in the PSTF are available on a cascading order of priority:
 - Repayment of amounts borrowed by NTIA - up to \$2B
 - Repayment of amounts borrowed by NTIA - up to \$135M
 - Buildout of PSBN in the amount of \$7B minus amount borrowed initially by NTIA (Section 6207 of the \$2B)
 - Public Safety Research and Development - \$100M
 - Deficit Reduction - \$20.4B
 - 911, E911, and NG911 - \$115M
 - Additional Public Safety Research - \$200M
 - Any additional deficit reduction
- *Note: PSTF may not be the first fund to receive auction proceeds*



STATE AND LOCAL IMPLEMENTATION GRANT PROGRAM



STATE AND LOCAL IMPLEMENTATION GRANT PROGRAM

- **NTIA will have up to \$135 million to establish a grant program**
- **Matching requirement:**
 - The federal share may not exceed 80%
 - Assistant Secretary may waive, in whole or in part, the matching requirement for good cause and if it is in the public interest
- **Program will assist regional, State, tribal, and local governments:**
 - To plan for a single, nationwide interoperable public safety broadband network
 - To identify and plan the most effective way to utilize and integrate the infrastructure, equipment, and other architecture associated with the nationwide PSBN
- **Not later than 6 months, and in consultation with FirstNet, NTIA must establish grant program requirements, including:**
 - Defining eligible costs
 - Determining scope of eligible activities
 - Prioritizing grants for activities that ensure coverage in rural as well as urban areas
- **Each State shall certify a single officer or governmental body to serve as coordinator of implementation grant funds**



REQUEST FOR INFORMATION IMPLEMENTATION GRANT PROGRAM

- NTIA has released a Request for Information (RFI)
- Available on the NTIA website at <http://www.ntia.doc.gov>
 - http://www.ntia.doc.gov/files/ntia/publications/public_safety_rfi_05162012.pdf
- Responses will be due by June 15, 2012
- Comments will be emailed to SLIGP@ntia.doc.gov
- RFI covers many topics, including:
 - Consultation Process
 - Existing Public Safety Governance and Planning Activities
 - Leveraging Existing Infrastructure
 - Grant Activities
 - Funding Allocation and Match
 - Other



REQUIREMENTS CONSULTATION

- **Section 6206(c)(2)(A) requires FirstNet to consult with regional, State, tribal, and local jurisdictions regarding the distribution and expenditure of any amounts required to carry out its policies, including:**
 - **Construction of a core network and any radio access network build out;**
 - **Placement of towers;**
 - **Coverage areas of the network, whether at the regional, State, tribal, or local levels;**
 - **Adequacy of hardening, security, reliability, and resiliency requirements;**
 - **Assignment of priority to local users;**
 - **Assignment of priority and selection of entities seeking access to or use of the nationwide interoperable PSBN; and**
 - **Training needs of local users**



QUESTIONS

CONSULTATION PROCESS

- **What steps should States take to prepare to consult with FirstNet?**
- **What data should States compile for the consultation process with FirstNet? Should these activities be covered by the State and Local Implementation grant program?**
- **How should the State and Local Implementation grant program be used by States to assist in gathering the information to consult with FirstNet?**
- **Should consistent standards and processes be used by all States to gather this information? If so, how should those policies and standards be established? What should those policies and standards be?**
- **What time period should NTIA consider for States to perform activities allowed under the grant program as it relates to gathering the information to consult with FirstNet?**



REQUIREMENTS

SINGLE OFFICER/GOVERNMENTAL BODY

- Section 6302(d) requires each State to certify in its application for grant funds that the State has designated a single officer or governmental body to serve as the coordinator of the implementation grant funds
- The consultation required between FirstNet and the single officer or governmental body is the same as the designee under the State and Local Implementation Grant Program



QUESTIONS

SINGLE OFFICER/GOVERNMENTAL BODY

- Who might serve in the role as a single officer within the State and will it or should it vary for each State?
- Who might serve on the governmental body (e.g., public partners, private partners, technical experts, Chief Information Officers, SWIC, finance officials, or legal experts)?
- How should the States plan to involve the local entities and tribal nations in the State and Local Implementation grant program?
- How should the State and Local Implementation grant program ensure that all public safety disciplines (e.g., police, sheriffs, fire, and EMS) have input into the State consultation process?
- How should the grant program define regional (e.g., interstate or intrastate) and how might the grant program be structured to facilitate regional participation through the States?
- How should States plan to involve the Federal users and entities located within their States in the grant program?



BACKGROUND

EXISTING GOVERNANCE BODIES

- Over the years, States have invested resources to conduct planning and to create governance structures around interoperable communications focused primarily on Land Mobile Radio (LMR) voice communications, including the Statewide Interoperability Coordinators (SWIC) and Statewide Interoperability Governing Bodies (SIGB), often called Statewide Interoperability Executive Committees (SIEC).



QUESTIONS

EXISTING GOVERNANCE BODIES

- What is the current role of these existing governance structures in the planning and development of wireless public safety broadband networks?
- What actions have the States' governance structures (e.g., SWIC, SIGB, or SIEC) taken to begin planning for the implementation of the nationwide PSBN?
- How might they need to change or evolve to handle issues associated with broadband access through the Long Term Evolution (LTE) technology platform?
- What is or should be the role of the Statewide Communications Interoperability Plans (SCIPs) in a State's planning efforts for the nationwide public safety broadband network?
- What actions do the States need to take to update the SCIPs to include broadband?
- Should the costs to change or evolve existing governance and Statewide Plans be eligible in the new program?
- Should the maintenance of those existing governance bodies and plans be eligible in State and Local Implementation grant program?



REQUIREMENTS

LEVERAGING EXISTING INFRASTRUCTURE

- **Section 6206(c)(3) requires FirstNet to enter into agreements to utilize, to maximum extent economically desirable, existing:**
 - Commercial or other communications infrastructure
 - Federal, State, tribal, and local infrastructure
- **The State and Local Implementation grant program is to assist States, regional, tribal, and local jurisdictions to utilize and integrate the infrastructure, equipment, and other architecture associated with the nationwide public safety broadband network**



QUESTIONS

LEVERAGING EXISTING INFRASTRUCTURE

- How should States and local jurisdictions best leverage their existing infrastructure assets and resources for use and integration with the nationwide public safety broadband network?
- How should States and local jurisdictions plan to use and/or determine the suitability of their existing infrastructure and equipment for integration into the public safety broadband network?
- What technical resources do States have available to assist with deployment of the nationwide public safety broadband network?
- How will States include utilities or other interested third parties in their planning activities?
- Should NTIA encourage planning for the formation and use of public/private partnerships in the deployment of the nationwide public safety broadband network? If so, how?

QUESTIONS

LEVERAGING EXISTING INFRASTRUCTURE



- Section 6206(b)(1)(B) of the Act directs FirstNet to issue open, transparent, and competitive requests for proposals (RFPs) to private sector entities for the purposes of building, operating, and maintaining the network.
 - How can Federal, State, tribal, and local infrastructure get incorporated into this model?
 - How would States plan for this integration?
 - Should States serve as clearinghouses or one-stop shops where entities bidding to build and operate portions of the FirstNet network can obtain access to resources such as towers and backhaul networks? If so, what would be involved in setting up such clearinghouses?
 - Should setting up a clearinghouse be an eligible cost of the grant program?

QUESTIONS

GRANT ACTIVITIES



- What are some of the best practices, if any, from existing telecommunications or public safety grant programs that NTIA should consider adopting for the State and Local Implementation grant program?
- What type of activities should be allowable under the State and Local Implementation grant program?
- What types of costs should be eligible for funding under the State and Local Implementation grant program (e.g., personnel, planning meetings, development/upgrades of plans, or assessments)?
- What factors should NTIA consider in prioritizing grants for activities that ensure coverage in rural as well as urban areas?
- Are there best practices used in other telecommunications or public safety grant programs to ensure investments in rural areas that could be used in the State and Local Implementation grant program?



QUESTIONS

GRANT ACTIVITIES

- What outcomes should be achieved by the State and Local Implementation grant program?
- Are there data that the States and local jurisdictions should deliver to document the outcomes of the grant program?
- If so, how should they be measured?
- Who should collect this information and in what format?
- What data already exist and what new data could be gathered as part of the program?

QUESTIONS

GRANT ACTIVITIES



- ***DHS's Office of Emergency Communications OEC has developed the following tools through its Technical Assistance Program:***
 - *Mobile Data Usage and Survey Tool – Survey process to document the current-state mobile data environment, in preparation for a migration to LTE;*
 - *Statewide Broadband Planning Tool– Template and support on Statewide strategic broadband planning issues designed to serve as an addendum to the SCIP;*
 - *Frequency Mapping Tool – Graphical tool to display FCC license information and locations including cellular sites within a jurisdiction; and*
 - *Communications Assets Survey and Mapping Tool (CASM) – Data collection and analysis tool for existing land mobile radio assets.*
- **States be encouraged to utilize tools and support activities from Federal programs such as those developed by OEC?**
- **Are there other programs or tools that should be considered?**



QUESTIONS

FUNDING ALLOCATION

- Do the States have a preferred methodology for NTIA to use to distribute the grant funds available under the State and Local Implementation grant program?
- Should NTIA consider allocating the grant funds based on population?
- What other targeted allocation methods might be appropriate to use?
- Should NTIA consider phasing the distribution of grant funds in the new program?

REQUIREMENTS

MATCH



- **Section 6302(b)(1) requires that the Federal share of the cost of activities carried out under the State and Local Implementation grant program may not exceed 80 percent**
- **Section 6302(b)(2) also gives the Assistant Secretary the authority to waive the matching requirement, in whole or in part, if good cause is shown and upon determining that the waiver is in the public interest**

REQUIREMENTS/QUESTIONS

MATCH



- What are some of the factors NTIA should consider regarding States' ability to secure matching funds?
- What public interest factors should NTIA consider when weighing whether to grant a waiver of the matching requirement of State and Local Implementation grant program?



PUBLIC SAFETY RESEARCH AND DEVELOPMENT

PUBLIC SAFETY WIRELESS COMMUNICATIONS RESEARCH AND DEVELOPMENT



- **Section 6303(b) requires the Director of NIST, in consultation with FirstNet and the public safety advisory committee shall:**
 - (1) Document public safety wireless communications technical requirements;**
 - (2) Accelerate the development of the capability for communications between currently deployed public safety narrowband systems and the nationwide public safety broadband network;**
 - (3) Establish a research plan, and direct research, that addresses the wireless communications needs of public safety entities beyond what can be provided by the current generation of broadband technology;**
 - (4) Accelerate the development of mission critical voice, including device-to-device “talkaround” capability over broadband networks, public safety prioritization, authentication capabilities, and standard application programming interfaces for the nationwide public safety broadband network, if necessary and practical;**
 - (5) Accelerate the development of communications technology and equipment that can facilitate the eventual migration of public safety narrowband communications to the nationwide public safety broadband network; and**
 - (6) Convene working groups of relevant government and commercial parties to achieve the requirements in paragraphs (1) through (5)**



911, E911, AND NG911

NEXT GENERATION 9-1-1

SUBTITLE E



- **Reauthorizes the Implementation Coordination Office (ICO) between NHTSA and NTIA to:**
 - **Facilitate coordination and communications of 911, E911, and NG911 services**
 - **Develop, collect, and disseminate information concerning best practices, technology, and procedures of 911, E911, and NG911**
 - **Provides \$115 million in grants to PSAPs (subject to auction proceeds and priorities)**

NEXT GENERATION 9-1-1

SUBTITLE E



- **GSA report to Congress identifying the 9-1-1 capabilities of the multi-line telephone system in use by all Federal agencies in all Federal buildings and properties**
- **ICO report to Congress that analyzes and determines detailed costs for specific Next Generation 9-1-1 service requirements and specifications**
- **FCC report to Congress that contains recommendations for the legal and statutory framework for Next Generation 9-1-1 services, consistent with recommendations in the National Broadband Plan developed by the Commission pursuant to the American Recovery and Reinvestment Act of 2009**
- **GAO study on State and local use of 911 service charges**
- **FCC proceeding to create a specialized Do-Not-Call registry for public safety answering points**



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QUESTIONS AND COMMENTS