



PSAP Grant Committee Meeting

NG9-1-1 Feasibility Study

March 05, 2015



Agenda

1. Level Setting
2. NG9-1-1 Feasibility Study:
 - Level Setting
 - Recommendations for PSAP Grant Program
 - Implementation Strategy for Recommendations
 - Proposed Changes to Guidelines
3. New Business
4. Committee Report to the Board
5. Public Comment



Level Setting





Review of Project Drivers

- Retirement of the current analog network
- Carriers have begun a transition to IP-based telephony
- Traditional 9-1-1 service providers have announced their intention to exit the marketplace
- Shifts in consumers' expectations and behaviors
- Advances in technology



Feasibility Study Goals

- Provides multiple solutions for the design of a single, statewide IP-based 9-1-1 network
- Addresses system design, procurement, implementation, operation, and governance issues
- Develops a multi-phase effort to address generational technology issues
- Supports a long-term strategic approach to improve 9-1-1 service delivery



Guiding Principles

- 9-1-1 is an essential, local/regional service
- Need to address ALL of 9-1-1 not just NG
- Full stakeholder engagement is needed
- Services must be not be degraded
- Economies need to be leveraged
- Doing nothing is NOT an option



Recommendations for the PSAP Grant Program





PSAP Grant Program

- Total of 14 recommendations
- 8 to be addressed in the first year
- The focus of the first year recommendations is on increasing efficiency in preparation for NG9-1-1
 - Multi-jurisdictional approach
- Expansion this approach in subsequent years



Operational Recommendations (1st year)

- Establish state contract for PSAP equipment (Ops04A)
- All call handling equipment should be NG-911 ready (Ops05A&B)
- Incentivize PSAP to act regionally when procuring NG9-1-1-ready CPE (Ops06A), CAD systems (Ops07A) and voice logging (Ops09A)



Operational Recommendations (2+ years)

- Pre-qualify and purchase PSAP systems via state contracts **(Ops03A)**
- Technical and project management support for regional CAD projects **(Ops07B)**
- Incentivize PSAPs to move towards centralized voice logging systems and store data on these systems **(Ops09A&10A)**
- Assess PSAP interoperability to reduce options for configuring map displays **(Ops11A)**



Technical Feasibility (1st year)

- ALI/MSAG analysis is not identified as a PSAP Grant Program recommendation, but we need to be prepared to address the potential for funding to address statewide data correction needs
- Review GIS funding matrix and prioritization of GIS-related projects



Technical Feasibility (2+ years)

- Implement more shared CPE platforms to increase capacity (Tech03A)



Policy & Political Considerations (1st year)

- Provide additional grant funding to PSAPs to incentivize NG9-1-1 implementation, especially those interested in pursuing regional approaches **(FR09A)**



Economic Feasibility (1st year)

- Realign and reprioritize PSAP Grant Guidelines in order to encourage NG9-1-1 transition (EF09A)



Implementation Strategy & Proposed Changes to Guidelines





Statewide Equipment Contracts

- PGC to develop CPE, CAD and voice logging requirements for statewide RFP
 - Begin discussion at April 27th meeting
 - After that, PGC to meet monthly to develop PSAP equipment requirements
- Use VITA procurement authority to issue RFP
- PGC to discuss recommendations in context of FY2017 PSAP Grant Guidelines



Statewide Contracts - CPE

- Board adopts FY2017 guidelines in May
 - Complete CPE requirements
 - Include use of state CPE contract
- VITA to issue RFP in July, award in September
- CPE systems must be NG9-1-1 ready before they are considered for inclusion on a state contract
- Non-NG9-1-1 ready systems should not qualify for grant funding



Statewide Contracts – CAD & Logging

- CAD and Logging handled sequentially
- Proposed schedule:
 - CAD RFP in October 2015, award in December 2015
 - Logging RFP in January 2016, award in March 2016



Regional Encouragement

- Not about geography, but the number of PSAPs participating in a single project based on a common need
- Incentivize PSAPs to participate in multi jurisdictional projects to increase efficiency in preparation for NG9-1-1
 - Variance in CPE and CAD systems will impede transition to NG9-1-1
 - Logging should be centralized and part of the ESInet



Shared Services Program

- Create two new programmatic areas:
 - Shared Services
 - Single PSAP
- Continuity & Consolidation and Enhancement programs would be removed
- Shared Services tiers:
 - Out of Service
 - Non-Vendor Supported
 - Technically Outdated
 - Strengthen
- Single PSAP tiers:
 - Out of Service
 - Non-Vendor Supported
 - Technically Outdated
 - Strengthen



Shared Services Program

- Regional initiative grant type would be eliminated
- \$175,000 per PSAP with no cap on the number of participants or the award amount
 - Impact is \$25,000 per PSAP
- Priorities:
 - CPE
 - ESInet projects
 - Primary mapping
 - GIS High
 - Physical Consolidation
 - Call Accounting
 - CAD
 - Logging systems
 - Text-to-9-1-1
 - Consolidation studies



Single PSAP Program

- Maximum funding amount to remain at \$150,000
- Priorities limited to those currently identified within the Continuity and Consolidation Program and practical for an individual PSAP to undertake
- PSAP Group Training to be addressed within the Wireless Education Program



Wireless Education Program

- Consider renaming to 9-1-1 Education Program
- Provide a mechanism for more regional training
 - Increase funding threshold for regional WEPs



ALI/MSAG Analysis

- ISP staff will conduct ALI/MSAG Analysis for at least 30 localities by September 1
- Analyze results to determine statewide implications
- GIS matrix to be eliminated and only fund GIS High projects
 - Focus of this category will be on NG9-1-1 data preparation
- No longer provide funding for GIS medium and GIS Low projects



New Business





New Business

- 2015 International APCO Conference
- Emergency Grant Award
 - Fluvanna County
 - Shenandoah County



In Conclusion

- Committee Report to the Board
- Public Comment
- Next meeting is April 9th