



9-1-1 Services Board

General Business Meeting

June 28, 2017





Agenda

1. Call to Order
2. Approval of Minutes
3. FY 19 PSAP Grant Guidelines
4. FY 16 PSAP Grant Extension Requests
5. Old Business
6. New Business
7. Public Comment
8. Adjourn



FY 19 PSAP Grant Guidelines





Grant Program Recommendations

- PSAP Grant Program would be used almost exclusively to support one-time NG9-1-1 transition costs
 - one-time ESInet set-up
 - GIS data preparation
 - SR transition project to NGCS ESInet
- The exception would be the PSAP Education Program (PEP)
 - Dedicated funding of \$500,000



Grant Program Recommendations

- In FY19, funding would be limited to the following priorities:
 - CHE
 - NG9-1-1 GIS
 - Integrated CAD/Mapping
 - Physical Consolidation
- No funding for other items included in Guidelines from previous years



FY19 is a Bridge Year

- The FY19 grant application cycle opens on July 1, 2017, before any statewide ESInet procurement decisions are made
- The Board will be making FY19 grant awards in January 2018, before the outcome of their 2018 legislative agenda is known
- FY19 grant priorities should not be dependent on ESInet award or legislation



NG9-1-1 Grant Program

- Support funding requests for one-time NG9-1-1 transition costs
- Replaces Shared Services and Individual Grant Programs
- Increase funding level for NVS shared services CHE and NG9-1-1 GIS projects
- Provides funding for physical consolidations and integrated CAD/mapping solutions



NG9-1-1 Grant Program

- Several priorities that were previously funded by the PSAP Grant Program have been eliminated
- The concept of Tiers from previous grant years has been removed
- The replacement of NVS equipment is eligible for funding, but other Tiers have been removed from the Guidelines
- PSAP NG9-1-1 deployment assessments to determine GIS data readiness



Funding for NG9-1-1 Priorities

- \$200,000 per PSAP participating in a shared services CHE project
- \$150,000 for an individual PSAP CHE project
- Full funding for allowable NG9-1-1 GIS data cleanup projects based on criteria and metrics established by the Board



Funding for NG9-1-1 Priorities

- \$75,000 per PSAP for a CAD project
- \$25,000 per PSAP for a mapping system project
- \$500,000 per initial physical consolidation project



PSAP Education Program (PEP)

- PEP provides funding for 9-1-1/GIS specific group education/training opportunities
 - \$2,000 for Individual PSAP award
 - \$3,000 for multi-jurisdictional award
- A PSAP may receive an award for an individual PEP grant and participate in a multi-jurisdictional PEP grant in the same grant cycle



NG9-1-1 GIS

- ISP to provide localities with an NG9-1-1 Deployment Assessment (**Report Card**) to determine GIS data readiness
- Purpose of funding is to enable PSAPs to undertake allowable NG9-1-1 GIS data cleanup projects (**criteria**)
- Goal is to achieve a baseline level of readiness prior to the selection of an NG9-1-1 service provider (**metrics**)



Report Card

- GIS is critical to NG9-1-1 call delivery
- VITA-ISP has provided MSAG/ALI/GIS analysis results back to each PSAP
- Data quality checks:
 - 2016Q3 - included MSAG, ALI and GIS layers for road centerlines and address points
 - 2017Q1 - showed the level of improvement since the initial check



Criteria and Metrics

- 11 Focus Areas identified for NG9-1-1 GIS data cleanup projects based on these datasets:
 - Address Points (APs)
 - Road Center Line (RCL)
 - Address Overlap
 - Address Duplicates
- Discrepancies with match rates will determine whether or not projects receive funding



Specific Criteria and Metrics

Focus Area	ALI to GIS QA/QC Checks Source: 2016Q3 Analysis	Eligible for work in NG9- 1-1 GIS grant if discrepancy rate is greater than
1	ALI to AP match	2% (Goal: >98% Match Rate)
2	ALI to RCL match	2% (Goal: >98% Match Rate)
3	ALI to AP match with spelling incorrect	2% (Goal: >98% Match Rate)
4	ALI to RCL match with spelling incorrect	2% (Goal: >98% Match Rate)



Specific Criteria and Metrics

Focus Area	GIS Analysis Checks: Road Centerline Source: 2017Q1 Analysis	Eligible for work in NG9-1-1 GIS grant if discrepancy rate is greater than
5	RCL Check #2 - RCL with duplicate address ranges	1% (Goal: >99% Match Rate)
6	RCL Check #6 – RCL with left side overlapping address range	1% (Goal: >99% Match Rate)
7	RCL Check #7 - RCL with right side overlapping address range	1% (Goal: >99% Match Rate)
8	RCL Check #10 - RCL with non-standard street name attributes	1% (Goal: >99% Match Rate)



Specific Criteria and Metrics

Focus Area	GIS Analysis Checks - Address Point Source: 2017Q1 Analysis	Eligible for work in NG9- 1-1 GIS grant if discrepancy rate is greater than
9	AP Check #18 - AP is duplicate, no street name or street number	1% (Goal: >99% Match Rate)
10	AP Check #19 - AP does not geocode to RCL	2% (Goal: >98% Match Rate)
11	AP Check #20 - AP / RCL Street Name Mismatch	1% (Goal: >99% Match Rate)



FY 16 PSAP Grant Extension Requests



Grant Extension Requests

- Colonial Heights – AVL
- Dickenson/Lee - CPE
- Fairfax – NOVA SIF
- Tazewell/Russell - CAD
- Wise/Norton - CPE



Virginia Information Technologies Agency

New Business





Funding Committee Report

- Focusing on hybrid funding model
 - Call load data
 - Population
- Periodic review



Annual Report Requirements

- The state of enhanced 9-1-1 services in the commonwealth,
- the impact of, or need for, legislation affecting enhanced 9-1-1 services in the commonwealth,
- the need for changes in the E-911 funding mechanism provided to the Board, as appropriate, and
- monitor developments in enhanced 9-1-1 service and multi-line telephone systems and the impact of such technologies upon the implementation of Article 8 (§ 56-484.19 et seq.) of Chapter 15 of Title 56.



Funding for NG9-1-1 Deployment

Deployment Year	Prior Investments 2016	Deployment Year 1 2017	Deployment Year 2 2018	Deployment Year 3 2019	Deployment Year 4 2020	Deployment Year 5 2021	Total	Post Deployment Year 2022	Post Deployment Year 2023	
NG9-1-1 Deployment Costs (Local/State)		\$6,343,325	\$17,279,548	\$21,986,322	\$9,474,152	\$14,045,193	\$69,128,540			
		Incur One-Time Deployment Costs							Pay Down One-time Costs	
Billing Agreement		\$0	\$1,327,633	\$0	\$0	\$0	\$1,327,633	\$3,651,138	\$3,651,138	
PSAP Grant Program	\$500,000.00	\$1,225,000	\$4,588,434	\$11,427,871	\$12,461,471	\$13,333,551	\$43,036,327	\$11,700,000	\$11,700,000	
Network Improvement		\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$2,000,000	\$0	\$0	
Funding Gap		(4,118,325)	(10,363,481)	(10,558,451)	2,987,319	(711,642)	(22,764,580)	(7,413,442)	7,937,696	
State Treasury Funding				30,000,000						
Cash Flow		(4,118,325)	(14,481,806)	4,959,743	7,947,062	7,235,420	7,235,420	22,586,558	37,937,696	



Proposed 2018 Legislative Agenda

- Elimination of wireless cost recovery for wireless service providers (Sprint, AT&T, etc.)
- All communications service providers (Verizon, CenturyLink, etc.) required to provide access to 9-1-1 at no cost to Commonwealth or PSAP
- Establish Board to define points of interconnection (POI) for network
- Establish priority for grants focused on NG9-1-1



9-1-1 Data Analytics

- ECaTS deployed at primary PSAPs
 - Installation costs and service and support through FY2017 budget
- Service and support for ECaTS in FY18
 - Is $\$313.12/\text{PSAP}/\text{Month} = \$435,863.04$
- Seeking an allocation of appropriate portion of existing network improvement funds to continue support of ECaTS statewide



PEP Travel Assistance

- Travel Assistance amount for 2017 VA NENA/APCO Conference is \$109.75



Goochland Grant Payment Request

- Request for reimbursement was submitted after the grant award period ended
- The request for reimbursement is \$54,900.11.



Manassas Grant Request

- City of Manassas has submitted a FY 18 grant request in the amount of \$150,000 to replace CHE
- PSAP does not meet the definition of a primary PSAP and is ineligible to participate in the PSAP Grant Program



And In Conclusion

- Public Comment
- Adjourn
- Next meeting date is Sept 14, 2017