New York State

Interoperable and Emergency Communication Board

2017 ANNUAL REPORT

NEW YORK STATE | Homeland Security and Emergency Services | Interoperable and Emergency Communications

This report is prepared pursuant to New York County Law Section 328, Subsection 9, which requires the New York State Interoperable and Emergency Communication Board to issue an annual report to the Governor, the temporary president of the Senate, the minority leader of the Senate, the speaker of the Assembly, and the minority leader of the Assembly on the Board's activities in the previous calendar year.

Table of Contents

I. The State Interoperable and Emergency Communication Board 4

A. Membership (as of January 4, 2018)..... 5

B. Board Vacancies..... 6

C. Committees and Working Groups of the Board..... 6

II. The Statewide Interoperable Communications Grant Program..... 8

III. County Consortiums/Partnerships 9

IV. Board Actions 10

A. Resolutions.....10

1. Resolution No. 2017-0131-01, pertaining to the Adoption of Revisions to the NYS Interoperability Channel Naming and Use Guide for the Common EMS VHF-Radio Frequencies. 10

2. Resolution No. 2017-1129-01, pertaining to the Adoption of an Amendment to the Type-III, All Hazards Communication Unit (COMU) Credentialing Policy. 10

B. Other Actions.....10

V. Summary: 12

APPENDIX A – Grant Summaries.....13

SICG Round 1 Summary.....14

SICG Round 2 Summary.....17

SICG Round 3 Summary.....23

SICG Round 4 Summary.....32

2016 SICG-Formula Grant Summary 47

2012 PSAP Grant Summary.....52

2013 PSAP Grant Summary 57

2014-15 PSAP Operations Grant Summary 71

2015-16 PSAP Operations Grant Summary 75

2016-17 PSAP Operations Grant Summary 79

APPENDIX B – Board Resolutions 83

APPENDIX C - Interoperable Communication Consortiums 100

I. The State Interoperable and Emergency Communication Board

The State Interoperable and Emergency Communication Board (Board or SIEC Board) is empowered under New York County Law Section 328, Subsections 10(a) and 10(b) with the following select powers and duties:

1. Make recommendations to the Commissioner of the Division of Homeland Security and Emergency Services (DHSES) on the expenditure of grants and other funding programs related to interoperable and emergency communications;

2. Make recommendations related to the development, coordination, and implementation of policies, plans, standards, programs, and services related to interoperable and emergency communications, including but not limited to ensuring compliance with federal mandates for interoperable communications and compatibility with the National Incident Management System (NIMS);

3. Establish structures and guidelines to maintain interoperable communications planning and coordination at the statewide level;

4. Establish, promulgate, and revise standards for the operation of public safety answering points (PSAPs); and

5. Establish guidelines regarding the creation of regionally based radio communications systems compatible with the structures and guidelines consistent with federal mandates and best practices.

The 25-member Board consists of state agency heads, state legislative and executive appointees (or his/her representative) of first responder organizations, and experts in the field of interoperable and emergency communications. Members are appointed for a term of four years.

The SIEC Board met four times during the calendar year 2017: January 31, July 12, September 27, and November 29, 2017. The meeting agendas can be found on DHSES website http://www.dhses.ny.gov/media/webcast.cfm.

A. Membership (as of January 4, 2018)

NAME	AFFILIATION	APPOINTMENT
	CHAIR	
Michael A. Sprague	Director, Office of Interoperable and Emergency Communications	Exec. Law §717
	MEMBERSHIP	
Michael C. Green	Commissioner, Division of Criminal Justice Services	Ex-Officio
Robert Samson	Chief Information Officer, NYS Office of Information Technology Services	Ex-Officio
George Beach	Superintendent, NYS Police	Ex-Officio
Roger L. Parrino, Sr.	Commissioner, Division of Homeland Security and Emergency Services	Ex-Officio
Paul Karas	Commissioner, Department of Transportation	Ex-Officio
Maj. Gen. Anthony German	Adjutant General, Division of Military and Naval Affairs	Ex-Officio
Howard Zucker, MD	Commissioner, Department of Health	Ex-Officio
Eric Day	Director of Emergency Services, Clinton County	Executive
William Bleyle	911 Commissioner, Onondaga County	Executive
Joseph Gerace	Sheriff, Chautauqua County	Executive
Brian LaFlure	Director/Fire Coordinator, Warren County	Executive
John Merklinger	Director, Monroe County Emergency Communications	Executive
Michael K. Volk	Chief of EMS & Inter Ops Coordinator Westchester County Department of Emergency Services	Executive

James R. Voutour	Sheriff, Niagara County	Executive
Richard Andersen	Retired Law Enforcement	Senate
Kevin Revere	Emergency Manager, Oneida County	Senate
Richard V. Tantalo	Chief of Police, Irondequoit Police Department	Senate
Marianne Buttenschon	Private Sector	Assembly
Kimberly L. Beatty	Law Enforcement	Assembly

B. Board Vacancies

As of January 4, 2018, there are five vacant seats on the Board. The vacancies consist of three State Assembly appointments and two State Senate appointments.

C. Committees and Working Groups of the Board

Membership of all of the following working groups and committees consists of representatives from various state agencies, counties, and local government entities.

- The Communications and Interoperability Working Group consists of subject matter experts charged with addressing the tactical, operational, and strategic interoperability needs of public safety first responders by providing best practices for interoperability within and between regions; identifying measurable outcomes/performance; planning for long-range sustainability; voicing the needs, requirements, and expectations of the public safety and emergency management communities; and clarifying the technical needs, standards, impact of mandates, and evolving technologies for public safety first responders in New York State.

- The 911 Advisory Committee (previously The 911 Standards Advisory Committee) is charged with assisting local governments, service suppliers, wireless telephone service suppliers and appropriate state agencies by facilitating the most efficient and effective routing of wireless 911 emergency calls; developing minimum standards for public safety answering points; promoting the exchange of information, including emerging technologies to include Next Generation 911 (NG911); and encouraging the use of best practices and standards among the PSAP community. The NG911 Working Group was formed as a subcommittee in

2016 and is charged with identifying gaps and options for development of NG911 in New York State.

- The Channel Naming and Use Working Group is charged with identifying the various state and national interoperable radio channels; establishing and/or clarifying the proper names and identification of these channels; and establishing the baseline operational policies and procedures for the use of these channels to support the interoperable communications needs of public safety responders in New York State.

- The State Agency Communications Working Group includes a select group of communications representatives from state. The group provides insight into the issues that face each agency, and shares best practices and expertise in interoperability challenges between state agencies and counties.

- The Public Safety Broadband Working Group is charged with advising the SIEC Board and the New York public safety community on matters such as FirstNet consultation; evolving standards development; public safety broadband grant status, including the State and Local Implementation Grant Program; the needs, requirements, and expectations of the public safety and emergency management communities for broadband; the deployment status of public safety broadband across the state; and promoting public safety broadband in the New York State public safety responder and secondary user communities.

- The Citizen Alerting Committee (CAC) was established in 2016 by a resolution adopting revisions to the SIEC Board bylaws. The committee consists of subject matter experts charged with addressing the policy, protocol, and operational components for rapid dissemination of emergency messages to as many people as possible over as many communications devices as possible.

II. The Statewide Interoperable Communications Grant Program

As authorized by Article 26 of the Executive Law, DHSES, through its Office of Interoperable and Emergency Communications (OIEC), is designated as the principal state agency for interoperable and emergency communications issues. OIEC is responsible for implementing a grant program to facilitate the development, consolidation, and operation of public safety communications systems which support statewide interoperability for first responders.

For public safety purposes, the United States Department of Homeland Security guidelines defines interoperability as the ability of emergency responders to work seamlessly with other systems or products without any special effort. Radio communications interoperability specifically refers to the ability of emergency response officials to share information via voice and data on demand, in real time, when needed, and as authorized. Communications (for routine operations and incident-driven interoperability) are assessed from a capability perspective and apply equally to all hazards.

The Statewide Interoperable Communications Grant Program (SICG) is a combination of three (3) grants: SICG-Formula based ($45 million), SICG-Targeted Grant ($20 million), and PSAP Operation grant ($10 million). SICG-Formula and PSAP Operation grants are formula-based grant programs, where SICG-Targeted grant utilizes analysis-based targeted distribution.

The SICG program, overall, supports the growth of regional communications partnerships throughout the state. The partnerships, which are inclusive of local and state public safety agencies, create interoperable emergency communications systems for first responders. SICG is funded by cellular surcharge revenue, pursuant to section 186-f of New York State Tax Law. Since 2010, over $340 million has been awarded to 57 counties and New York City through these grants. 2017's appropriation was $75 million.

In 2017 counties implemented numerous additional National Interoperability channels on the infrastructure level and continued to make investments in necessary improvements in Land Mobile Radio (LMR) systems. Governance protocols, standard operating procedures, training, and exercises are implemented through the consortiums and partnerships. Additional investments were made by counties in development of modules for NG911 system.

The 2016 SICG-Formula funding is used to expand radio coverage by installing new equipment at towers and antenna sites; set up common interoperability channels and other local mutual-aid channels among public safety radio systems, consolidate emergency services dispatch centers, and deploy new technologies so that counties can link systems together.

The 2016-17 PSAP Operations Grant with $10 million in funding, is an annual formula driven grant to support ongoing operations of public safety communications centers. While the grant was a non-competitive reimbursement grant with funding distributed by formula, counties had to meet specific eligibility criteria. The formula-based distribution utilized a precise mathematical formula with logic elements to calculate and distribute the available state grant funding to counties. Calculations reflect characteristics and objectives of the PSAP grant program and are based on quantifiable elements and denumerable components. The formula not only reflects the county's needs based on specific factors but also balances the State's interests in developing reliable 911 structures throughout and across the State. Under contractual agreements, counties have one calendar year to submit claims for reimbursement of expenses eligible under this grant program. Once again, all counties submitted applications and met the eligibility requirements for 100% participation in the 2016-17 PSAP Operations Grant.

The SICG-Targeted grant program will initiate in the first quarter of 2018, after completion of data collection and analysis. The grant will assist in closing gaps in regional communications capabilities and concentrate on implementation of National Interoperability Channels Statewide.

III. County Consortiums/Partnerships

A primary objective of the SICG program is to encourage the development of regional-based communications consortiums and partnerships. These consortiums and partnerships serve as the framework by which statewide interoperability can be accomplished through a "network of networks" for local, state, and other first-responder agencies.

Prior to the SICG program, consortium affiliations were rather diverse and broadly-defined with purposes not exclusively for communications or interoperability and many were not fully inclusive of agencies/stakeholders that crossed over jurisdictional boundaries. These partnerships have become more refined affiliations focusing on communications and interoperability goals, and more inclusive of other agencies and jurisdictions.

This expansion and solidifying of consortiums and/or partnerships serves not only as the basis for sharing bandwidth, infrastructure, and technology, but also provides the operational, administrative, and governance vehicle to make the consortiums effective. As expected, in 2017, continued consolidation in consortiums occurred. This consolidation of the consortiums has developed, and cooperation amongst county, consortium, and agencies has become more defined. The Consortium Chairs are now meeting on a regular basis, sharing governance and working together to further develop interoperability statewide. A list of county consortium membership can be found in Appendix C.

IV. Board Actions

A. Resolutions

1. Resolution No. 2017-0131-01, pertaining to the Adoption of Revisions to the NYS Interoperability Channel Naming and Use Guide for the Common EMS VHF-Radio Frequencies.

2. Resolution No. 2017-1129-01, pertaining to the Adoption of an Amendment to the Type-III, All Hazards Communication Unit (COMU) Credentialing Policy.

These Board resolutions can be found in Appendix B and also at the following links:

http://www.dhses.ny.gov/oiec/plans-policies-guidelines/documents/EMS-Naming-Guideline.pdf

http://www.dhses.ny.gov/oiec/training-exercises/index.cfm

B. Other Actions

The Next Generation 911 (NG911) Working Group has continued its work under the 911 Advisory Committee. The group consists of representatives from 16 County 911 programs, four State agencies, and New York City. During regularly scheduled conference calls, the group confers on issues related to NG911 and its deployment in New York State. An initial draft framework outline for a state plan was introduced to the group by two contractors offered to OIEC through the Federal Office of Emergency Communications' Technical Assistance program. A legal analysis of New York State Executive Law Article 717, as it pertains to the 911 program initiatives was performed by OIEC administration and DHSES Legal.

In October, a Geographic Information Systems (GIS) Subcommittee of the NG911 Working Group was formed, working with the New York State 911 Coordinator's Association and the New York State Office of Information Technology Services (ITS) GIS Program. GIS professionals from 9 counties are working with ITS GIS to identify remaining GIS elements and tasks that are necessary to ready the statewide NG911 GIS layers for implementation of NG911.

Deputy Director Chellis represented New York State at the National Association of State 911 Administrators meetings in June and October. Important information was provided on NG911 projects in states around the country as well as other initiatives such as caller location accuracy, the National 911 Program, The Federal Communications Commission (FCC) regulations, etc.

Additionally, the 911 Advisory Committee is working to perform a complete review and rewrite of 911 standards. This has been an ongoing effort. During the review process of the current standards, the Advisory Committee recognized that changes in the current regulations to eliminate the differentiation between wireless and wireline calls could lead to consistent standards throughout the state. Currently, County Law 6a applies only to wireless 911 calls, which creates a gap of standards for wireline 911 calls. The Advisory Committee believes the standards must be rewritten to address the administration, technology standards, training requirements, and call processing of all (wireline or wireless) 911 calls. This recommendation, in turn, led to a legal review of County Law 6a and Executive Law 717 in order to evaluate if the regulations and standards may be rewritten to reflect the evolving technology and advances of 911.

As discussed in Section C of this report, in November 2016, the Citizen Alerting Committee (CAC) was formed by resolution to the SIEC Board bylaws. The CAC continues to address the many complex issues surrounding the Emergency Alerting System (EAS). Under Federal Emergency Management Agency's (FEMA) direction the EAS process has evolved over the year from the original Emergency Broadcast System (EBS) to EAS, and now moving into new technologies with the Integrated Public Alert and Warning System (IPAWS). All the alerting programs hold the same challenges of reaching the public. Meanwhile, there is a need to consider and incorporate the latest technologies, which continues to inform the process. The CAC is taking a more organized and encompassing viewpoint towards the implementation of public alerting systems in New York State.

V. Summary:

Regardless of scale, the crucial element in dealing with a crisis is the ability of responders to effectively communicate. The State's ability to fulfill this mission has been tested by many recent large-scale emergencies and disasters which have been increasing in frequency and effect. The public safety mission of effective interoperable emergency communication is just as real every day for localized emergencies, whether they occur within or beyond the boundaries of a single jurisdiction within the state.

Homeland security strategy on the national level has placed significant emphasis on interoperable public safety communications and each state has been required to develop plans and demonstrate their capability to achieve interoperable communications on a statewide basis. New York State has continued to step up to the challenge and taken the responsibility for ensuring that there are adequate interoperable communications between the state and local level of government to protect first responders and the public they serve.

Taking the public safety missions one step further, New York State is now working to bring NG911 to the State. Coordination and collaboration among all levels of government, disparate systems, and multiple disciplines have been a significant challenge over the past decade. Effective communication is a top priority for all stakeholders, and gaps have been identified and are being addressed.

The SIEC Board exists to establish a partnership among state, local, federal, and tribal first responders in order to enhance communication capabilities. The Board provides a forum for each agency to discuss related public safety communications initiatives. The forum helps ensure that public safety response agencies have an opportunity to align with the Statewide Communications and Interoperability Plan (SCIP) and state issued communications guidelines.

APPENDIX A – Grant Summaries

SICG Round 1 Summary

As of January 8, 2018

County	Award Amount	Brief Project Description	Vouchered	Balance
Cortland	$2,000,000	Equipment for new UHF system for Central New York radio consortium.	$2,000,000	$0
Cortland	$2,000,000	Radio equipment for new countywide system to be connected to Central New York radio consortium.	$2,000,000	$0
Delaware	$1,078,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	$1,021,350	$56,600
Essex	$2,000,000	Implementing a gateway and infrastructure solution to permit the counties in the consortium to link their radio systems together; and narrowband compliant mobile radios to integrate in the new radio system.	$2,000,000	$0
Genesee	$228,309	Replacing non-compliant interoperability channel base stations, and new simulcast equipment permitting first responder interoperability.	$228,309	$0
Greene	$893,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	$893,000	$0
Madison	$1,997,812	Equipment for new UHF system for Central New York radio consortium.	$1,997,812	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Nassau	$877,729	Radios for local Police Departments/other responders to use county radio system, and other multiband radios for supervisors to communicate with Suffolk County.	$877,729	$0
Niagara	$2,000,000	In the process of building a new UHF digital radio system. Niagara County will utilize their award to purchase subscriber radios, upgrade a tower site and refresh their PSAP.	$2,000,000	$0
Onondaga	$331,446	Replacing non-compliant EMS (MED Channel) equipment used to contact hospitals for medical reports & direction while in route to hospitals.	$331,437	$9
Otsego	$1,128,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	$1,128,000	$0
Schoharie	$858,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	$858,000	$0
Steuben	$1,523,264	Converting existing system to digital to meet the narrowband deadline and installing National Interoperability base stations. The system upgrades will be keeping pace with neighboring counties and their systems.	$1,523,256	$8
Sullivan	$1,198,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	$1,179,798	$18,201
Ulster	$978,000	Installing new radio and microwave infrastructure, National Interoperability base stations.	$977,886	$113
Warren	$736,938	Implementing a gateway and microwave solution permitting counties to link systems.	$735,674	$1,264
Washington	$171,500	Implementing a gateway and microwave solution permitting counties to link systems.	$171,500	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Total	**$19,999,998**		**$19,923,802**	**$76,196**

SICG Round 2 Summary

As of January 8, 2018

County	Award Amount	Brief Project Description	Vouchered	Balance
Albany	$6,000,000	Consolidation and upgrades to existing communication system. Deployment of system and technology to link surrounding regions and improve multi-jurisdictional response.	$6,000,000	$0
Chautauqua	$6,000,000	Upgrades to existing VHF and UHF LMR system and radio equipment. Development of standard operating procedures (SOPs).	$6,000,000	$0
Chemung	$6,000,000	Infrastructure and equipment upgrades of existing LMR system. Development of SOPs and training and exercise program.	$6,000,000	$0
Clinton	$2,152,080	Build-out of a seamless wireless interoperable network for local & state public safety communication. New high speed, high capacity microwave network backbone components & LMR gateway equipment to support interoperability with surrounding counties.	$891,773	$1,260,307
Cortland	$6,000,000	Infrastructure and equipment for P25 LMR system with full support of multiband interoperability channels. Improvements in coordination and operations with state agencies.	$6,000,000	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Delaware	$3,404,000	Infrastructure and backbone developments, connectivity with adjacent counties. Development of interoperable infrastructure throughout the consortium.	$3,365,344	$38,656
Erie	$830,405	Installation of gateway devices. Infrastructure equipment for development of multi-band Interoperable Communication Channels.	$691,853	$138,552
Essex	$2,251,759	Additional infrastructure development. Expansion of P25 radio system to meet the needs of the consortium, state agencies and public safety agencies. Equipment upgrades and site development. Microwave upgrades to allow all necessary agencies the resources they need to become interoperable.	$2,251,759	$0
Genesee	$5,435,095	Upgrade of existing 800 MHz system from a proprietary analog system to a fully digital, P25 system, with P25 Inter Radio Frequency Sub-System Interface (ISSI) interoperability and AES encryption for select users. New tower will provide additional coverage in Genesee County and serve as the gateway location for consortium partners to tie into Genesee County as a phased approach to allow roaming within the consortium.	$5,435,095	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Madison	$4,194,189	Develop additional capacity and improvements for existing radio system. Expansion of interoperability amongst local, regional, and tribal mutual aid. Formalize governance and implement standard operating procedures within and between counties and other agencies.	$4,194,189	$0
Monroe	$5,468,173	Enhancements to radio coverage and interoperability with surrounding counties and on the international border. Improvements in SOPs. Training and exercise programs.	$5,465,327	$2,846
New York City	$3,543,309	Infrastructure and backbone developments and improvements. Build out of VHF National Interoperability Channels in addition to existing capabilities. Development of SOPs for wide area of interoperability.	$3,543,309	$0
Niagara	$742,164	Implementation of additional end user equipment and technology to enhance the County's infrastructure. Additional radio equipment to enhance communications capabilities in larger structure incidents.	$432,724	$309,440
Onondaga	$4,959,000	Infrastructure upgrades. Conversion to standard encryption protocols. Enhancements in training and the creation of a Field Operations Guide (FOG).	$4,924,535	$34,465

County	Award Amount	Brief Project Description	Vouchered	Balance
Ontario	$2,202,885	Additional base stations to implement 700 MHz interoperability channels. Deployment of VHF base stations, providing the county with access to the primary dispatch frequencies of surrounding counties.	$2,200,385	$2,500
Orange	$5,998,000	Microwave infrastructure solution to inter-connect to Hudson Valley Interoperability Communications Consortium (HVICC). Extension 700/800 MHz P-25 radio communications solution. Utilization of National, State & local public safety channels. Creation of Governance and Standard Operating Procedures & Protocols within the HVICC, including training, exercises, and regional emergency responses which require inter-county public safety communications.	$5,998,000	$0
Orleans	$2,000,000	Infrastructure and backhaul development. Improvements in governance, SOPs, and training programs to promote interregional communications.	$2,000,000	$0
Rensselaer	$5,066,512	Implementation of National Interoperability capabilities in the county's infrastructure. Develop governance, SOPs, and training standards.	$4,947,563	$118,949
Rockland	$5,500,000	Infrastructure development, microwave connectivity, and radio equipment to implement National Interoperability Channels.	$4,355,840	$1,144,160

County	Award Amount	Brief Project Description	Vouchered	Balance
Schoharie	$433,500	Microwave connectivity and network equipment. Development of governance and interoperability channels.	$433,075	$425
Schuyler	$4,271,900	Infrastructure development, implementation of VHF and UHF National Interoperability channels, development of radio system that supports all public safety providers from local and state agencies.	$4,271,900	$0
Steuben	$3,169,693	Enhancements to the interoperable communications infrastructure. Development of a long-term interoperable radio plan for fire and EMS services and recommend operating procedures.	$3,169,638	$55
Suffolk	$6,000,000	Infrastructure developments, gateways and other radio equipment to link with neighboring county and other state entities. Development of SOPs.	$5,829,680	$170,320
Sullivan	$841,833	Infrastructure and backbone developments, connectivity with adjacent counties. Development of interoperable infrastructure throughout the consortium.	$838,594	$3,239
Tioga	$2,342,000	Infrastructure development, microwave connectivity. Development of SOPs and implementation of training and exercise programs.	$2,339,965	$2,035

County	Award Amount	Brief Project Description	Vouchered	Balance
Tompkins	$2,854,312	Expansion of Radio Communications System to establish interoperability with adjoining counties/regions. Installation of base stations for National Mutual Aid Channels for UHF, VHF and 800MHz; build-out of tactical repeaters through the current and expanded microwave system; and deployment of UHF U-Call and tactical channels to facilitate communications with adjoining counties. Formalization of governance relationships on an inter-county multi-region basis and training.	$2,854,312	$0
Wayne	$2,036,700	Improvements to the County's radio infrastructure. Development of the national interoperable channels. Development of governance, training and exercise documents.	$2,036,700	$0
Wyoming	$1,771,236	Microwave connectivity and infrastructure equipment. Implementation of National Interoperability Channels.	$1,771,236	$0
Yates	$531,255	Addition of VHF, UHF and 700/800MHz interoperability channels. Infrastructure improvements. Development of SOPs, training and exercise programs.	$531,255	$0
Total:	**$102,000,000**		**$98,774,050**	**$3,225,950**

SICG Round 3 Summary

As of January 8, 2018

County	Award Amount	Brief Project Description	Vouchered	Balance
Allegany	$5,951,039	The proposed project is to add eight tower locations to the current six in use today. There are significant gaps in coverage that the additional towers will enhance and at the same time allow the county the ability to have a direct "microwave link" to all surrounding county radio systems. This will include the State of Pennsylvania, who also operates on a "microwave IP based system" providing interstate communications. The additional towers will allow for future growth of an IP microwave system that will lead Allegany County toward a fully P25-based system that has adequate coverage, capacity, and reliability across the entire jurisdiction of the county during both normal and emergency operations.	$4,115,339	$1,835,700

County	Award Amount	Brief Project Description	Vouchered	Balance
Broome	$6,000,000	The purpose of this project is to provide infrastructure and networking capabilities for interoperable communications for all agencies operating in and around Broome County. To support interoperable communications, including National Interoperability Channels, this project includes the build out of additional tower sites and microwave connectivity to four surrounding counties. This project will include upgrades to both the PSAP Call Taking Processing Equipment and Radio Console Equipment ensuring continuity of operations and interoperability in the region. Broome County, in conjunction with the Southern Tier Consortium, will implement and exercise National Interoperability SOPs and establish Memoranda of Understanding (MOU) between the counties and local agencies.	$5,724,192	$275,808
Cattaraugus	$6,000,000	Cattaraugus County has begun work on an ASTRO P25 VHF Trunking Communications System designed by Motorola. The system will inner connect all disciplines county wide as well as inner connect with consortium partners in an effort to provide flexibility in tailoring the features and functionalities to satisfy the unique operational needs of fire, EMS, and police first responders. This proposal will modify existing SOP's to improve incident response and establish a governance board of all stake holders to coordinate interoperable communications initiatives. The proposed System will provide the required 95% mobile coverage using a frequency-efficient digital IP simulcast design.	$5,992,890	$7,110

County	Award Amount	Brief Project Description	Vouchered	Balance
Cayuga	$5,251,690	The project includes infrastructure to meet National Interoperability with UTAC, VTAC, 8TAC equipment; replace legacy consoles at the PSAP backup center; enhance infrastructure protection with monitored surveillance equipment; upgrade to non-proprietary P-25 AES encryption; close gap in PSAP recording capabilities to preserve communications platforms; upgrade PSAP phone system to a NG911 system and enhance/improve internal capabilities and consortium interoperability; add redundancy and infrastructure to the radio system to enhance interoperability with New York State and mutual aid partners; improve governance structure and formalize SOPs.	$4,627,147	$624,543
Franklin	$3,407,921	The overall goal of the project is the continued build out of the Franklin County Radio Interoperability Project. This project will give the fire, EMS, police, and emergency personnel serving their community the ability to communicate during emergency situations.	$3,331,970	$75,951

County	Award Amount	Brief Project Description	Vouchered	Balance
Fulton	$2,327,780	Fulton County seeks funds for a build-out of current communications infrastructure. This multi-faceted project will further the goals of the New York State SCIP Plan and address SAFECOM guidance. Adding additional equipment to infrastructure will extend the microwave backbone initiated by the Adirondack Regional Interoperable Communications Consortium (ARICC). The project will provide enhanced seamless interoperable communications throughout all public safety disciplines (police, fire, EMS) within the consortium and provide a road map for future linking of adjoining consortiums.	$1,961,427	$366,353
Hamilton	$2,530,385	The overall goal of this project is to replace Hamilton County's communication equipment to provide the capability for interoperability within the county emergency services, with the ten other counties within our consortium, and with state agencies including DHSES. The current equipment was donated to Hamilton County after the 1980 Olympics in Lake Placid and is unable to support the requirements of the interoperability consortium. The goal is to update this equipment to meet SAFECOM requirements and provide interoperable communications as required by state and federal agencies.	$517,800	$2,012,585

County	Award Amount	Brief Project Description	Vouchered	Balance
Herkimer	$899,462	Herkimer County proposed project is to expand the current RF Coverage, improve current Microwave System and link the system into the ARICC to the east and also into the Central New York Interoperable Communication Consortium (CNYICC) to the west. The SICG would supply Herkimer County with a P25 VHF Trunking Backbone and would also greatly improve interoperability by installing National Interoperability Frequencies at our main communications sites. Herkimer County will also install an enhanced Communications Dispatch System at the County Dispatch Center.	$530,461	$369,001
Jefferson	$6,000,000	Jefferson County's proposal provides for interoperable communications among public safety responders (Police, Fire, EMS, Highway) within Jefferson County as well as the contiguous member Counties of the CNYICC. This proposal includes the construction of ten tower sites (out of 15 potential sites) with microwave connectivity between the sites and three neighboring counties and includes infrastructure to provide for the installation of the national interoperability communications channels at three of the ten sites and a County- provided open standards-based Project 25 (P25) regionally integrated, trunked land mobile radio network (TLMR).	$2,739,036	$3,260,964

County	Award Amount	Brief Project Description	Vouchered	Balance
Lewis	$6,000,000	Lewis County will construct a new regional 11 site, UHF band, P25 compliant, digital simulcast multijurisdictional LMR system for public safety use providing 95% county-wide portable & mobile radio coverage including a VHF paging system, microwave system, dispatch consoles & subscriber equipment compatible with neighboring CNYICC consortium systems. Integrate with local, state, tribal & federal agency systems. Develop and formalize governance/SOPs to promote efficient interregional communications interoperability and cooperation. Verify capabilities and identify gaps through compliant training & exercises.	$5,820,000	$180,000
Livingston	$5,994,854	The County will develop a regional interoperable voice and data IP communications system that provides seamless first responder communications in a seven-county area. The project will support every user in the County and interface with the six contiguous counties. Any state, federal or local emergency personnel using VHF, UHF, 700 or 800 radios will be able to be patched into the County's system. The project includes development of SOPs and training and exercises that support implementation of the new upgraded system and promote efficient interregional coordination and first responder readiness.	$5,994,854	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Montgomery	$1,685,554	Montgomery's SICG project enhances the capabilities to eleven contiguous counties (Montgomery, St. Lawrence, Franklin, Clinton, Essex, Hamilton, Warren, Washington, Fulton, Saratoga, and Herkimer throughout all public safety responder disciplines (police, fire, EMS) by allowing dispatchers to monitor an incoming vehicle when being summoned without having to be engaged on a specific channel and eliminating the human component of selecting tower sites. The ability to share microwave systems and have connectivity by all of these counties will enhance the interoperability communications for all agencies therefore supporting the goal of the ARICC and the Department of Homeland Security.	$1,685,554	$0
Oswego	$6,000,000	To complete the build-out of Oswego's federally established interoperability channels, establish connectivity between consortium counties, harden existing connectivity and TLMR assets, remove proprietary encryption for law enforcement, strengthen governance, training and execution of interoperable tactics within the region and to explore options and alternatives to multiple PSAPs by developing a plan for future growth and sustainability.	$5,826,899	$173,101

County	Award Amount	Brief Project Description	Vouchered	Balance
Saratoga	$2,280,500	Saratoga County has invested heavily with its own capital funding to implement a new 800 MHz Radio system with multiple capabilities including digital P25 standards. Additionally, the county has developed a 150MBs. digital microwave ring at 6 GHz. at multiple locations across the county. The county seeks to leverage those assets against potential grant dollars for access to the ARICC network by the implementation of new microwave paths to other members.	$2,280,500	$0
Seneca	$6,000,000	Seneca's project will meet three goals: a) establish county-wide interoperable communications (IC); b) establish regional IC capability with the Finger Lakes Region New York Interoperable Communication Consortium (FLRNYICC) and Cayuga County; and c) establish, develop, and formalize the governance framework and specific local agency SOPs for IC with one another and regional and State agency partners. This project will build a three-tower county-wide conventional digital UHF simulcast radio system, including the purchase of new UHF mobile/portable radios for all Fire, EMS, and Law Enforcement agencies in Seneca County. In addition, it will allow for future expansion of the radio system to add other jurisdictions, trunking, and enhanced coverage.	$5,899,486	$100,514

County	Award Amount	Brief Project Description	Vouchered	Balance
St. Lawrence	$2,679,690	St. Lawrence County seeks funds for both planning and build-out of public safety communication infrastructure. This multi-faceted project will further the SCIP and address SAFECOM guidance. Build-out will extend the microwave backbone initiated by the ARICC and provide connectivity with the CNYICC. The County will move to NG911 and make updates to bridge intra- and inter-operability gaps. The planning portion of this project will provide a roadmap for the future as the County considers options for communications technology delivery platforms and best practices for ensuring interoperability with both consortiums.	$2,231,235	$448,455
Westchester	$5,991,125	Westchester County is committed to following the guidance of SAFECOM and the New York State SCIP by building out infrastructure to support communication via VCALL/VTAC and 7CALL/7TAC National interoperability channels and by enhancing the reliability of intra- and inter-County communication through construction of a Countywide and inter-County microwave backbone to support interoperable communication systems. The projects will leverage the County's existing communications infrastructure and regional consortium partnerships to build robust systems to support interoperable communication for law enforcement, fire, EMS and emergency management in and around the County.	$4,982,718	$1,008,407
Total:	**$75,000,000**		**$64,261,507**	**$10,738,493**

SICG Round 4 Summary

As of January 8, 2018

County	Award Amount	Brief Project Description	Reimbursed	Balance
Cayuga	$2,525,492	Implement a new CAD/RMS/Mobile solution for all Public Safety agencies, including implementing AVL technology for Emergency Medical Services Agencies and applicable governance. Implementing / Enhancing the NG911 telephony system with a gateway between Cayuga and Oswego counties and applicable governance. Expanding National Interoperability infrastructure to four additional tower sites. Utilize a consultant to develop a 3 year training and exercise plan for Cayuga County and Consortium Partner County's and to enhance / update CASM participation for Cayuga County.	$1,213,501	$1,311,991

County	Award Amount	Brief Project Description	Reimbursed	Balance
Columbia	$3,500,000	This project will develop and establish Governance, and SOP's with Federal, State, Consortium's Counties, and all in-county Agencies with the aid of a Consultant to achieve interoperability and complete a TICP. Columbia County will enhance interoperability by building an interoperability radio system using the National Interoperability channels with the aid of new communications towers, microwave, shelters with generators, and equip our mobile communications unit with mobiles and a gateway for same. Interconnect with adjacent Counties/Consortiums for the purpose of interoperability, redundancy, and back-up.	$68,500	$3,431,500

County	Award Amount	Brief Project Description	Reimbursed	Balance
Dutchess	$2,048,758	Dutchess County proposes to develop P25 Compliant Phase 2 Microwave Network. Infrastructure to provide connectivity with multiple Regional Partners. Provides the infrastructure for potential Broadband, Wi-Fi, and backhaul. Provide county/regional connectivity across disciplines including state agencies and regional PSAPs. Objectives include Training and Exercise, SAFECOM, Dual Consortium Membership, Radio Console Upgrade. Dutchess County goals include implementing a P25 Phase 2 microwave network, improving reliability, redundancy, and backhaul network, network improvements permit expansion capabilities, incorporating emerging technologies, IP Consoles and network for ad hoc connectivity across disciplines and state agencies, input information into CASM, TEP to ensure technology is appropriately utilized and Consortium participation to further develop governance.	$1,948,725	$100,033

County	Award Amount	Brief Project Description	Reimbursed	Balance
Erie	$2,132,185	Our proposal is a multi-part project meeting both objectives. First, our PSAP project will include implementation of phase 2 NG911 mapping enhancements which were started under a previous grant. Additionally, this project will improve the capability and capacity of the recording system to accommodate 911 calls throughout the county by consolidating them into one platform. Secondly, the LMR project will focus on expanding the existing UTAC/VTAC/8TAC regional communications infrastructure, enhancing the interoperable communication and the Mutualink capabilities at the Backup PSAP which also serves as the county Emergency Operations Center. Finally, Erie County will retain services of a consultant to assist with interoperable communications needs & goals.	$551,130	$1,581,055

County	Award Amount	Brief Project Description	Reimbursed	Balance
Essex	$420,814	The goal of the project is to improve interoperability within the consortium. The consortium is sharing communication sites and interoperability base stations. Essex County will be installing base stations on Belfry and Wells Hill. Franklin County will be adding a base station to Mt. Pisgah. Clinton County will be adding one to Terry Mountain, and Hamilton County will be covering the Gore Mountain Site. This plan will ensure that interoperabilty is met throughout the consortium without duplication of equipment and resources. The County also has to stabilize the tower at the Terry Mountain site. Strong winds move the tower which causes problems with microwave connectivity. The project meets Safecom requirements.	$0	$420,814

County	Award Amount	Brief Project Description	Reimbursed	Balance
Genesee	$3,065,120	Genesee County has built out a six-site, 800MHz, P25 Phase 2 System with VHF high band Fire / EMS paging. Genesee County wishes to continue its progression by connecting its system to Orleans, Monroe, and Ontario Counties as part of a regional public safety radio network, add an additional tower for fill-in coverage in the Town and Village of LeRoy which would also serve as a gateway point for Livingston County, upgrade its microwave network to full 50 MB/s bandwidth (upgradeable to 150 MB/s), install bi-directional amplifiers for United Memorial Medical Center and the Genesee County Jail, upgrade its infrastructure spares kit to meet regional needs, update CASM / TICP, and upgrade its existing CAD / Records Management System (CAD/RMS).	$1,920,584	$1,144,536

County	Award Amount	Brief Project Description	Reimbursed	Balance
Greene	$3,500,000	The proposed project will improve operational capacity within Greene County, link Greene and Columbia Counties' PSAPs to provide interoperable interfaces and PSAP redundancy and failover capabilities. Additionally this project will enhance the interoperable infrastructure and create the necessary backbone to link multiple consortiums together and strengthen the "system of systems" concept. This project will formalize existing, and create new, governance documents including SOP's and MOU's with state and local entities.This project will also provide a training program for all system users so they better understand interoperability and how to achieve operational efficiencies through it.	$1,165,506	$2,334,494

County	Award Amount	Brief Project Description	Reimbursed	Balance
Livingston	$3,500,000	The County is currently designing the upgrade of its regional interoperable voice and data IP communications system. A Radio and Microwave Data Systems RFP was issued in April 2015. SICG 4 funding will help implement the upgrade and continued expansion and interoperability goals to meet first responder needs in the 7county area. Any state, federal or local emergency personnel using VHF, UHF, 700 or 800 radios will be able to be patched into the County's system. The County will improve effectiveness of the governance structure and SOPs. The County will complete necessary training and exercises to ensure proper regional and state interoperability and coordination.	$1,348,541	$2,151,459
Madison	$3,500,000	Madison County will (1) upgrade the 911 phone system to current NG911 standards,(2) create a Prime & Backup site at NYSP Oneida, (3) develop, implement & test governance & SOP's consistent with SAFECOM, NIMS & New York State SCIP, for interoperability within the county, the CNYICC, Federal, State, Tribal, local entities through formal compliant training & exercises. Infrastructure will be NENA-Compliant, IETF standards-based & IP based to allow maximum connectivity & backup service between counties & Federal, State, Tribal & other public safety partners, government & non-government entities & under-represented groups.	$1,461,584	$2,038,416

County	Award Amount	Brief Project Description	Reimbursed	Balance
Monroe	$3,493,045	Monroe continues to facilitate seamless regional interoperability by enhancing its multi-jurisdictional, multi-level, multi-disciplinary P25, digital LMR system at FLNYRICC's core. Adding infrastructure to 5 vehicles and 3 sites addresses the SCIP Public Safety Communication Evolution coverage requirement with improvement on scene and at the western border while complying with the IFC501 and NFPA1221 95% in-building standard. Augmenting Monroe's nucleus system allows counties to work in tandem to effortlessly connect, achieving SCIP's network of network vision while exemplifying reliable, instanteous 2-way voice communication to ensure operational effectiveness through coordination of communications capabilities.	$0	$3,493,045

County	Award Amount	Brief Project Description	Reimbursed	Balance
Nassau	$3,500,000	Nassau County's project will support development of governance, SOP's and infrastructure by hiring qualified consultants to develop comprehensive/long-term plans and procedures that align with SCIP/ SAFECOM guidance/priority's for Governance, SOP's, Technology, Training/Exercises and Usage linking existing Nassau/Suffolk County trunked radio systems with P25 compliant equipment; developing mutual aid channel access-UTAC/8TAC support equipment; and initiating migration of a 500MHz system to a NPSBN compliant 700MHz system.	$167,235	$3,332,765
Oneida	$3,500,000	Oneida County, a member of CNYICC, proposes to upgrade existing proprietary system infrastructure in Rome, Utica and the Town of New Hartford and legacy analog county infrastructure to a countywide P25 digital VHF two-zone simulcast system. The project will provide the County with an IP based PSAP at a primary and backup location, ISSI interoperable gateway connection to CNYICC counties, federal and state interoperability channels countywide, countywide IP network connectivity compliant with New York Network Common Internet Protocol and upgrade the legacy VHF analog infrastructure equipment for county fire and EMS to P25 digital capable simulcast.	$3,500,000	$0

County	Award Amount	Brief Project Description	Reimbursed	Balance
Putnam	$3,500,000	Putnam County seeks to increase the efficiency, reliability and interoperability of our existing communications system by focusing on areas identified by an asset assessment conducted by the County's Radio Committee. Putnam County has identified its microwave system, tower capacity and interoperable radio equipment as being critical to improving communication between our federal/state and local partners. Our objective is to upgrade our current obsolete microwave system which will provide increased bandwidth and redundancy. The new system will be installed on additional towers increasing our coverage within Putnam County / adjacent Counties. To further enhance interoperability we will install NPSTC Repeater Channels at 9 tower locations.	$0	$3,500,000

County	Award Amount	Brief Project Description	Reimbursed	Balance
Rensselaer	$3,500,000	Rensselaer County has undertaken a large scale upgrade of its communications infrastructure at a total cost of $17.1M. SICG 2 and SICG PSAP Enhancement awards provided partial funding for these projects. This application seeks funding to replace the obsolete 911 phone system with a NG911 system, seeks additional funding for the new countywide 800 P25 System under contract with Motorola, provide additional interoperability bands and channels at additional sites and establish more detailed governance policies and procedures. When completed, all responders and associated agencies in the county will have full interoperability in the county and expanded access to the national interoperability channels. All this with the following goals in mind: Acquisition of a NG911 System in partnership with Albany County and continue consolidation and improvements of dispatching operations; Add 700MHz, expand V,U and 8 National interoperability channel infrastructure; acquire ISSI technology with adjacent P25 Systems; additional funding support for the purchased Motorola P 25 800 MHz System that will cover all disciplines and add the ability to expand regionally; and develop communications, mapping, governance, training and SOP's with ARICC and County.	$3,316,285	$183,715

County	Award Amount	Brief Project Description	Reimbursed	Balance
Saratoga	$2,961,221	Saratoga County is requesting additional funding to expand on the more than $1 million in Round 3 funding encumbered for projects that will improve interoperable communications between ARICC that align with SAFECOM and the New York State SCIP. Funding will improve critical infrastructure, and assist with the implementation of a fully shared CAD, Mobile, 911 solution with the ARICC. Improving communications by maximizing use of P25 compliant interoperable communications system and providing public safety agencies within the ARICC, through co-locating equipment, seamless 911 communications. Increasing coverage by connectiing to new consortium members Albany, Schenectady and Rensselaer Counties to complete a consortium-wide path and implementing a shared NG911 calling handling and Records Management solution in the County PSAP improving the ARICC.	$1,172,560	$1,788,661

County	Award Amount	Brief Project Description	Reimbursed	Balance
Schoharie	$2,406,500	Schoharie County proposes to build a new microwave backbone using a licensed IP based transport that will provide a secure, reliable, resilient backhaul system. The system will be capable of supporting both voice and data, and will provide regional connectivity to the eight (8) members of the Catskill Interoperable Communications Consortium. The system will provide connectivity between the Consortium and the New York State Police Troop "G" Headquarters. This project will build on the Round 1 and Round 2 SICG funding and will continue to enhance emergency response, common governance, interoperability channels, inter-county and state agency microwave interconnect, and enhanced information and data resource development within and between the Consortium and the State.	$317,818	$2,088,682

County	Award Amount	Brief Project Description	Reimbursed	Balance
Steuben	$2,946,865	Steuben County proposes to improve interconnection with Southern Tier Consortium partners to leverage a three-county public safety radio network for Interoperability. They will do this by: • Providing additional P25 components to enhance our interoperability; • Providing additional fiber connections with partner agencies; • Implementing a P25 Simulcast VHF paging system for County Fire; • Purchasing additional subscriber units for the VHF System. • Providing for PSAP governance including provisions for a full-scale exercise.	$46,491	$2,900,374
Total:	**$50,000,000**		**$18,198,460**	**$31,801,540**

2016 SICG-Formula Grant Summary

As of January 8, 2018

County	Award Amount	Vouchered	Balance
Albany	$1,000,417	$0	$1,000,417
Allegany	$911,523	$0	$911,523
Broome	$674,824	$0	$674,824
Cattaraugus	$663,916	$0	$663,916
Cayuga	$838,244	$0	$838,244
Chautauqua	$657,306	$0	$657,306
Chemung	$566,034	$0	$566,034
Chenango	$456,553	$0	$456,553
Clinton	$584,478	$0	$584,478
Columbia	$516,279	$0	$516,279
Cortland	$995,456	$0	$995,456

Delaware	$447,657	$0	$447,657
Dutchess	$682,199	$0	$682,199
Erie	$1,096,094	$0	$1,096,094
County	**Award Amount**	**Vouchered**	**Balance**
Essex	$798,157	$0	$798,157
Franklin	$701,096	$0	$701,096
Fulton	$437,407	$0	$437,407
Genesee	$705,023	$0	$705,023
Greene	$464,037	$0	$464,037
Hamilton	$471,640	$0	$471,640
Herkimer	$637,534	$0	$637,534
Jefferson	$659,672	$0	$659,672
Lewis	$539,653	$0	$539,653
Livingston	$598,108	$0	$598,108

Madison	$821,280	$0	$821,280
Monroe	$1,459,024	$0	$1,459,024
Montgomery	$447,091	$0	$447,091
Nassau	$856,563	$0	$856,563
County	**Award Amount**	**Vouchered**	**Balance**
NYC	$5,680,831	$0	$5,680,831
Niagara	$673,193	$0	$673,193
Oneida	$637,360	$0	$637,360
Onondaga	$1,404,362	$0	$1,404,362
Ontario	$716,143	$0	$716,143
Orange	$757,344	$0	$757,344
Orleans	$448,993	$0	$448,993
Oswego	$886,284	$0	$886,284
Otsego	$797,694	$0	$797,694

Putnam	$482,829	$0	$482,829
Rensselaer	$798,760	$0	$798,760
Rockland	$853,925	$0	$853,925
Saratoga	$874,563	$0	$874,563
Schenectady	$610,436	$0	$610,436
County	**Award Amount**	**Vouchered**	**Balance**
Schoharie	$436,557	$0	$436,557
Schuyler	$398,500	$0	$398,500
Seneca	$476,901	$0	$476,901
St. Lawrence	$759,073	$0	$759,073
Steuben	$862,857	$0	$862,857
Suffolk	$1,118,377	$0	$1,118,377
Sullivan	$680,727	$0	$680,727
Tioga	$442,981	$0	$442,981

Tompkins	$738,565	$0	$738,565
Ulster	$521,553	$0	$521,553
Warren	$523,375	$0	$523,375
Washington	$709,086	$0	$709,086
Wayne	$514,825	$0	$514,825
Westchester	$677,239	$0	$677,239
County	**Award Amount**	**Vouchered**	**Balance**
Wyoming	$474,197	$0	$474,197
Yates	$355,205	$0	$355,205
Totals	$45,000,000	$0	$45,000,000

2012 PSAP Grant Summary

As of January 8, 2018

County	Award Amount	Brief Project Description	Vouchered	Balance
Allegany	$155,954	This project will provide the County equipment for i3 based SIP technology enhancing telephony that will include text messaging and video conferencing. As a Voice over IP (VoIP) system the equipment that will be installed at the Primary and Backup Centers will allow for 'Hot Standby' redundancy. It will also allow for remote access using a Virtual Private network (VPN) from a mobile command point or in the event both the primary and backup centers must be evacuated. Aurora statistics software will ensure that all call counts and types are reported accurately and concisely.	$155,954	$0
Broome	$988,662	Comprehensive upgrade of the Broome County Public Safety CAD system while simultaneously enabling a virtual consolidation of dispatch and records management between the Broome County PSAP and Binghamton University.	$988,662	$0
Cattaraugus	$199,918	Upgrade of Licensed Standard Software along with the replacement of all required hardware to complete the upgrade. Replacement of servers that house CAD data and the upgrade of all product software. Large training program for dispatch staff on the use and new functionalities. Access of the MSP system to all local law enforcement agencies.	$199,918	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Chautauqua	$93,515	The consolidation of the two centers into one, merging data sets, interconnecting radio, phone, alarm, and controls, updating operating procedures.	$93,515	$0
Chenango	$74,051	Purchase 2D aerial imagery application/software to enhance the response capabilities of first responders.	$74,051	$0
Delaware	$179,210	Hosted CAD solution to be shared among multiple counties within the Catskill Consortium. Infrastructure to support a common CAD and Mapping platform for the Catskill Consortium members.	$177,082	$2,128
Dutchess	$63,892	Evaluation, design and implementation of electrical service upgrade to meet increased demands of technology in PSAP.	$22,329	$41,563
Erie	$967,981	The ongoing system design replaces separate and distinct local PSAPs with a single networked PSAP and backup center. This design consolidates server hosting and 911 trunk delivery and provides a robust interconnected network to deliver calls to remote workstations. Enhancements to the county wide CAD system to facilitate multi-jurisdictional / multi discipline dispatch.	$967,981	$0
Franklin	$365,000	Consolidation of the secondary PSAP's in Franklin County with Primary PSAP.	$364,975	$25

County	Award Amount	Brief Project Description	Vouchered	Balance
Hamilton	$144,472	Equipping the Primary PSAP in Hamilton County to be a joint back-up facility for any other county within the Adirondack Regional Interoperability Consortium.	$144,472	$0
Jefferson	$295,524	Upgrade 9-1-1 Telephony system at both the primary and back-up PSAP's in order to be prepared for NG-911 and to allow for interoperability between 9-1-1 systems of neighboring County and Federal PSAPs based upon Internet Protocol (IP) technology.	$295,524	$0
Lewis	$808,615	Lewis County will implement new Computer-Aided Dispatch and Next-Gen compliant telephone systems for its PSAP. The county will partner with Jefferson and St. Lawrence Counties, each of which will use the same phone and CAD systems, to provide 911 backup and enhance interoperability.	$808,615	$0
Livingston	$305,767	Upgrading the existing Radio Dispatch Consoles at both the Primary and Back Up PSAPs to a matched IP based system, establish a microwave IP link between the Primary PSAP, Back Up PSAP as well as establish microwave IP links to all radio transmitters and receivers.	$305,767	$0
Niagara	$620,000	Upgrading PSAP dispatch software.	$620,000	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Onondaga	$187,591	Updating County's GIS centerline files and computer-aided dispatch (CAD) system. Procurement of the necessary network storage devices to store/process the images/layers both from the CAD system and independently.	$187,591	$0
Orleans	$133,090	Replacement of 911 call-center system and equipment with next generation technology.	$133,090	$0
Oswego	$836,009	Construct a proposed telephone network with the capacity to seamlessly communicate with a system in Cayuga County, acting as a redundant resource in call processing, routing of overflow call volume and facilitate the efficient use of any combination of resources to effectively answer an emergency call.	$836,009	$0
Otsego	$866,051	Provide a hosted CAD solution to be shared among multiple counties within the Catskill Consortium. Provide an infrastructure to support a common CAD and Mapping platform for the Catskill Consortium members.	$866,051	$0
Rensselaer	$17,823	Rensselaer County is working with the Capital Region UASI to partner in the development of an interoperable CAD/RMS System. This CAD/RMS System is hosted by the City of Albany and has shared infrastructure for Albany, Rensselaer and Schenectady Counties. Rensselaer County will replace its obsolete CAD system with the installation of this new technology.	$17,823	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Suffolk	$250,381	The project will consist of Suffolk County upgrading the existing Pictometry Oblique and Ortho Imagery so that their Public Safety Operations will have the most current aerial and oblique views of Suffolk County.	$250,004	$377
Sullivan	$799,000	Consolidate existing primary and backup E911 telephone system technology which is nearing end of life.	$799,000	$0
Tioga	$28,711	Enhance PSAP's capability to record all emergency communications. This goal will be achieved by the upgrade of our current recording software to a new version.	$28,711	$0
Warren	$425,000	Implementation of a joint back-up PSAP facility for use by both Warren and Washington Counties in the event of a failure of either primary PSAPs. This facility will not be located in the same location as either of the primary PSAPs.	$425,000	$0
Wayne	$193,783	Equipment necessary to couple with the Wayne County Public Safety Radio Interoperability Project, to form a complete, updated radio system. Replacement of Radio Dispatch Electronics, while increasing capacity; Replacement of Dispatch Center Workstations; Replacement of 911 Center Logging Recorder with a NG-911 capable unit.	$193,783	$0
Totals	**$9,000,000**		**$8,955,907**	**$44,093**

2013 PSAP Grant Summary

As of January 8, 2018

County	Award Amount	Brief Project Description	Vouchered	Balance
Broome	$89,253 Sustainment	Upgrading its New World Systems CAD. Consolidation will result in improved 911 call and resource management, and provide interoperable dispatch between the County and Binghamton University PSAPs. They seek funding for additional training expenses, computer and microwave hardware and related expenses not previously applied for. Training and equipment is critical to the successful implementation of the project.	$89,253	$0
Cattaraugus	$89,253 Sustainment	Major upgrade to the current NICE Recording system. The latest NICE Inform system is NG911 Ready. The recording platform can record analog, digital, and VoIP traffic. NICE Systems is releasing its NENA i3 compatible logging interface for this system in 2014, which will support Text-to-911 capability.	$89,253	$0
Cayuga	$584,234 Both Consolidation and Sustainment	Implement a new CAD, RMS, and Mobile system. These replacements will enhance's service, reliability and safety for State and local agencies. Utilizing RMS will eliminate disparate systems and improve secure records access.	$584,234	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Chautauqua	$89,253 Sustainment	This funding request will offset the charges by the local Telco for the circuits that deliver both landline and wireless 911 calls to the 911 Center. These charges were previously funded under the former NYS Local Enhanced Wireless 911 program. The goal in this project is to continue to provide the best 911 services to the residents of Chautauqua County by partially funding the day to day operational cost involved with the 911 circuits.	$89,253	$0
Chemung	$487,869 Consolidation	Upgrading their radio communications system to a digital microwave network. They will share a tower with Schuyler County, allowing each County PSAP to serve as a radio back up for the other. The Vesta 4.0 system, because it is IP based, will also be carried on this radio network giving Schuyler and Chemung County access to each County's phone systems. This interoperability does not exist with the current phone system which is at end of life.	$466,454	$21,415
Clinton	$83,738 Sustainment	The project is a planned replacement of 911 telephone system hardware and software. The CPE hardware is over five years old and will not support newer upgraded Windows OS platforms.	$83,738	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Columbia	$62,477 Sustainment	Replace a 911 logging recorder capable of Next Generation logging text to 911. The existing recorder has been in service since 2007 and is no longer supported by the manufacturer. The new recorder and NAS server will be placed into service at the Columbia County 911 Backup Center.	$62,183	$294
Cortland	$89,253 Sustainment	Purchase the ESRI licenses to support new Spillman CAD system. This will sustain their ability to interface with other internal GIS data sources as well as GIS sources from other counties and jurisdictions. Work within the Street Address Mapping Standard (SAM) guidelines to ensure that New York State will have access to a high quality end product used for purposes such as disaster response at a regional level.	$89,253	$0
Erie	$299,065 Consolidation	Funds will be used to purchase, configure and install dedicated microwave links between the County and the four major PSAPs in the county.. A full-featured UPS would be added to the 911 backup center. Purchase, install and maintain a high capacity GIS/Pictometry server system shared with all county PSAPs.	$268,473	$30,592
Essex	$466,305 Consolidation	Essex County is partnering with Troop B of the NYS Police in consolidating all State Police Dispatch in the Troop B Region. Essex County's current technology is at the end of its useful life.	$466,305	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Genesee	$89,253 Sustainment	Genesee County will upgrade its NWS public safety software to support the increased data, storage, and disaster recovery requirements. Train users on the new software and applications tailored to both local and regional needs. The county would also update its GIS operating systems, databases; address point data, street layer files, and response agency layers to meet new NENA / APCO NG911 location data standards.	$89,253	$0
Greene	$513,497 Consolidation and Sustainment	Replace the outdated 911 equipment with a new geo-diverse controller which will consolidate the three separate units into one redundant system while meeting Next-Gen standards. Reimburse the maintenance operations of all four PSAPs in our jurisdiction. Sustain the 911 telephone equipment, computer aided dispatch equipment and the uninterrupted power supply in the county 911 center as well as the three PSAP locations.	$513,497	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Livingston	$89,253 Sustainment	Replacement and upgrade of computers, monitors, and software licenses at the Primary and Secondary PSAP locations, a multi-functional copier at the Primary PSAP; computers, monitors, server, and power supplies in the mobile command center; a plotter/scanner for printing and scanning maps used for PSAP support services located in the Planning Department; two additional new laptops for administrative monitoring of day-to-day PSAP operations, and, a Time Warner Cable (TWC) internet installation upgrade at the Sheriff's Office.	$89,253	$0
Madison	$89,253 Sustainment	Sustainment of network connectivity for Madison County's use of the Central New York Interoperable Communications Consortium (CNYICC) Master Site for regional interoperability.	$89,253	$0
Monroe	$89,240 Sustainment	Replacement of Monroe County's 911 workstations. This project will set the foundation for migration to NG911 as Monroe County 911 will be equipped with hardware infrastructure.	$89,233	$7
Nassau	$89,253 Sustainment	Sustainment of the County's 911 operations. Specifically replace the existing UPS equipment that is at the end of its useful life with modern UPS equipment with technologically advanced features that allow for integrated monitoring features.	$89,253	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Niagara	$82,387 Sustainment	Sustainment of existing technology becomes an even more pressing requisite as Niagara County became the PSAP for NYS Police Troop A Zone 1. As the conversion from home phones (land lines) to cell phones grows at an ever-increasing rate, the answering of cell calls, a large number from the three neighboring counties and Canada, will place an even greater demand on the technology and personnel within the Niagara County network.	$82,387	$0
NYC	$500,000 Consolidation	This project will integrate an AVL solution with the CAD system. The NYPD will procure and implement AVL to establish and enhance citywide command and control of responding NYPD resources, and in the future, other City, State and Federal first responders.	$498,061	$1,939
Oneida	$405,563 Consolidation	Due to the merger of the Town of New Hartford PSAP, the Oneida County PSAP, and the City of Utica PSAP specific equipment items are needed to facilitate seamless operations in dispatch. New servers required since the existing ones are being taxed due to the increased volume of 911 phone calls and radio traffic, activity lights at dispatch and call taker positions that indicate in-progress phone and radio transmissions, software improvements, equipment for a 911 call queue monitor.	$405,562	$1

County	Award Amount	Brief Project Description	Vouchered	Balance
Ontario	$25,705 Sustainment	Utilize a third-party vendor, TCS Solutions, to provide the ability for the 911 Center to receive and respond to text messages from those citizens who utilize cellular devices from any of the four major cell providers in the region. Also purchase one smart board and laptop to more effectively provide trainings, including mandatory trainings, to our internal staff as well as staff members of surrounding county PSAPs.	$25,705	$0
Otsego	$500,000 Consolidation	Enhance the PSAP by replacing the current analog 911 telephony system with a geodiverse (multi-site) telephony system that will provide fully integrated call handling that will facilitate bidirectional dispatch processes. This system will enable the primary PSAP to establish simultaneous communications connections with geographically remote PSAPs, including the secondary PSAP, and the PSAP in neighboring Delaware County. Geodiverse telephony provides the best flexibility in 911 redundant communications by allowing instantaneous transfer of 911 calls between PSAPs with automatic location and number identification.	$500,000	$0
Putnam	$89,253 Sustainment	Replace the existing outdated radio consoles in the Putnam County 911 Dispatch Center and backup site with a new P25 standards based platform and the NG911 architecture. The Motorola MCC-7500 IP Based Dispatch Console system was selected as a replacement.	$89,253	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Rensselaer	$473,793 Sustainment	Installation of a Point to Point Microwave connecting Rensselaer County to the Albany City Police Master Site for the CAD/RMS System.This microwave is established at the Rensselaer County 911 Center, Rensselaer County Office Building and City of Troy Police Station. This grant application seeks maintenance costs for the year. Rensselaer County is a partner with the Capital District Consortium in the implementation of this interoperable Hi Tech CAD/RMS System. This CAD/RMS System is hosted by the City of Albany and has shared infrastructure for Albany, Rensselaer and Schenectady Counties. Rensselaer County has replaced its obsolete Emergitech CAD system with the installation of this new technology. This new technology provides an efficient inter-municipal platform for interoperability.	$473,793	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Rockland	$89,253 Sustainment	Implement a new smartphone application, The PulsePoint, allows ordinary citizens trained in cardiopulmonary resuscitation (CPR) and willing to assist in the event of an emergency to be notified if someone nearby is having a cardiac emergency and may require CPR. Upon receiving a 911 call reporting an unconscious or unresponsive person likely needing CPR the 911 dispatcher simultaneous with the dispatch of advanced medical care will trigger an alert to all nearby citizens who have installed the PulsePoint application on their smartphone. When alerted, the application identifies the receivers current location, the location of the victim, and the location of any nearby Automated External Defibrillators (AEDs).	$89,253	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Saratoga	$587,162 Consolidation and Sustainment	Consolidate with several towns including: City of Mechanicville, the City of Saratoga Springs and Waterford. Service will be improved by having one PSAP. Purchase enhanced GIS mapping capabilities and NG911 Software, 911 telephone equipment, ALI displays, call accounting equipment, record management systems and Microwave backhaul connectivity. Focus on upgrades necessary on the PSAP workstations both at our primary PSAP and backup PSAP including the replacement of all non-Windows 7 workstation computers, replacement and reconfiguring of all workstations computer monitors to include additional monitors at each position for dispatching and tracking calls for service and providing enhanced GIS based mapping capabilities. Upgrade and replace the hardware used by Desk Officers for interfacing with the 911 and radio system.	$586,125	$1,037
Schenectady	$89,253 Sustainment	Pay for the ongoing cost of Data Tie Lines that connect the current four PSAPs which are being consolidated to the New County Unified Communications Center. This method of connection is only temporary as the County is applying for a Microwave Backbone which replaces this monthly recurring cost. Pay for the ongoing maintenance to the 911 Phone System. Schenectady County currently uses. This is the same 911 Phone System as Albany County which will be the backup center for Schenectady County.	$89,253	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Seneca	$496,000 Consolidation	The proposed project will migrate the stand-alone legacy systems of Yates and Seneca counties to a sustainable, standards-based call taking platform that will be shared. The two County PSAPs will be interconnected to support geo-diverse call-routing of 911 callers by redirecting calls and corresponding data to either PSAP in the event that a facility is compromised. A user-friendly interface with highly configurable management capabilities will enhance 911 call taking, switching, rerouting and recording operations, stream lining overall workflow and call processing.	$489,220	$6,780
St. Lawrence	$62,522 Sustainment	Purchase, install, provide training to dispatchers, and maintain the ProQA Fire Priority Dispatch System (FPDS) software. Integration of these protocols into day-to-day PSAP operations will ensure dispatch of the most appropriate responders and equipment, improve overall response time and enhance safety at the scene. Program maintenance and Quality Assurance/Quality Improvement protocols are part of the software design.	$62,522	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Sullivan	$584,887 Consolidation and Sustainment	Consolidation of microwave connectivity both inter and intra County for not only Sullivan County's Public Safety Communication System but also those of our partner agencies including the New York State Police. This consolidated microwave network will also provide the opportunity for broadband initiatives from the NYS Broadband Office and the NTIA FirstNet program to utilize bandwidth within our future microwave network – eliminating the need for disparate microwave systems throughout Sullivan County. Our project goals include several PSAP upgrades.	$581,758	$3,129
Tompkins	$500,000 Consolidation	Tompkins County will design, seek proposals, install and implement a 911 telephone system that links to an adjacent county's PSAP; eliminate the duplicative and outdated back-up center within the county; and establish and implement operating protocols and procedures that provide for the seamless movement of 911 telephone traffic on an overflow or emergency basis to a fully staffed back-up site in Cortland County. Current back-up and overflow processes and technologies are limited and subject to loss of calls and delayed processing.	$500,000	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Ulster	$89,253 Sustainment	The project is two faceted. One is to provide comprehensive maintenance and updates on our NG911 phone system, the other is to maintain a computer aided dispatch / reccords management system for the emergency services. Both of the systems are currently in place and must be sustained to ensure appropriate public access to emergency services, and a mechanism for those services to provide efficient and effective response capacity. This sustainment grant will allow us to guarantee these services.	$89,253	$0
Washington	$500,000 Consolidation	Project will provide the 911 Center / PSAP with a NG911 system, including phone RMS, replacing the current 9 year old 911 system that has reached its end of life. Additionally we will be sharing both equipment and resources, with our neighboring PSAP in Warren County, deploying a Geo-Diverse telephony solution. Funding will also ensure the upgrade of our interoperable dispatch console equipment to replace our 14 year old current equipment which has reached both its end of life and extent of available resources.	$500,000	$0
Wayne	$89,253 Sustainment	Replacement of the primary 911 Center Logging Recorder with a NG911 capable unit, supported by its manufacturer and replacement of the backup 911 Center Logging Recorder, that is currently non-operational, with a NG911 capable unit, supported by its manufacturer.	$89,253	$0

County	Award Amount	Brief Project Description	Vouchered	Balance
Yates	$555,267 Consolidation and Sustainment	The proposed project will migrate the stand-alone legacy systems of Yates and Seneca counties to a sustainable, standards-based call taking platform that will be shared. The two County PSAPs will be interconnected to support geo-diverse call-routing of 911 callers by redirecting calls and corresponding data to either PSAP in the event that a facility is compromised. A user-friendly interface with highly configurable management capabilities will enhance 911 call taking, switching, rerouting and recording operations, stream lining overall workflow and call processing.	$554,218	$1,049
Totals	**$9,000,000**		**$8,933,759**	**$66,241**

2014-15 PSAP Operations Grant Summary

As of January 8, 2018

County	Award Amount	Vouchered	Balance
Albany	$205,465	$205,465	$0
Allegany	$165,914	$165,914	$0
Broome	$200,182	$200,182	$0
Cattaraugus	$179,784	$179,784	$0
Cayuga	$168,619	$168,619	$0
Chautauqua	$188,236	$188,236	$0
Chemung	$180,464	$178,740	$1,724
Chenango	$174,953	$174,950	$3
Clinton	$153,949	$153,949	$0
Columbia	$160,221	$160,221	$0
Cortland	$174,670	$174,670	$0
Delaware	$117,264	$115,764	$1,500
Dutchess	$169,410	$153,329	$16,081
Erie	$210,388	$210,388	$0
Essex	$181,398	$181,398	$0
Franklin	$181,880	$180,997	$883
Fulton	$194,039	$194,039	$0
Genesee	$178,771	$178,771	$0

Greene	$151,468	$147,049	$4,419
Hamilton	$165,040	$165,040	$0
Herkimer	$202,926	$202,926	$0
Jefferson	$192,240	$192,240	$0
Lewis	$182,637	$182,637	$0
Livingston	$169,874	$169,874	$0
Madison	$160,933	$160,933	$0
Monroe	$234,317	$234,317	$0
Montgomery	$161,128	$161,128	$0
Nassau	$140,437	$138,914	$1,523
Niagara	$189,204	$189,204	$0
NYC	$192,313	$192,309	$4
Oneida	$222,396	$221,804	$592
Onondaga	$195,771	$195,771	$0
Ontario	$153,455	$153,106	$349
Orange	$180,272	$180,272	$0
Orleans	$134,050	$134,049	$1
Oswego	$180,517	$180,517	$0
Otsego	$161,700	$155,460	$6,240
Putnam	$127,915	$127,915	$0

Rensselaer	$176,560	$176,332	$228
Rockland	$198,875	$198,875	$0
Saratoga	$165,862	$165,862	$0
Schenectady	$167,970	$167,970	$0
Schoharie	$144,752	$144,704	$48
Schuyler	$118,716	$118,715	$1
Seneca	$167,119	$156,216	$10,903
St. Lawrence	$162,596	$162,594	$2
Steuben	$188,793	$188,793	$0
Suffolk	$168,290	$168,290	$0
Sullivan	$161,772	$161,772	$0
Tioga	$171,971	$171,971	$0
Tompkins	$150,506	$150,506	$0
Ulster	$162,798	$162,798	$0
Warren	$174,787	$174,787	$0
Washington	$186,194	$186,056	$138
Wayne	$169,703	$169,703	$0
Westchester	$164,751	$164,751	$0
Wyoming	$157,216	$157,216	$0
Yates	$156,569	$155,562	$1,007

TOTALS	**$10,000,000**	**$9,954,356**	**$45,644**

2015-16 PSAP Operations Grant Summary

As of January 8, 2018

County	Award Amount	Vouchered	Balance
Albany	$233,382	$233,382	$0
Allegany	$161,547	$161,528	$19
Broome	$209,703	$209,703	$0
Cattaraugus	$172,605	$172,605	$0
Cayuga	$170,907	$170,907	$0
Chautauqua	$178,323	$178,323	$0
Chemung	$188,222	$188,222	$0
Chenango	$170,855	$170,850	$5
Clinton	$141,883	$141,883	$0
Columbia	$160,509	$160,509	$0
Cortland	$151,001	$151,001	$0
Delaware	$154,732	$154,122	$610
Dutchess	$165,211	$165,211	$0
Erie	$209,112	$209,112	$0
Essex	$166,248	$166,248	$0
Franklin	$170,387	$170,387	$0
Fulton	$206,892	$206,673	$219

County	Award Amount	Vouchered	Balance
Genesee	$187,377	$187,377	$0
Greene	$151,052	$151,052	$0
Hamilton	$127,582	$127,582	$0
Herkimer	$197,534	$197,534	$0
Jefferson	$198,520	$198,520	$0
Lewis	$179,053	$179,053	$0
Livingston	$167,362	$167,362	$0
Madison	$158,368	$158,368	$0
Monroe	$219,607	$219,607	$0
Montgomery	$147,163	$147,163	$0
Nassau	$137,286	$137,285	$1
Niagara	$195,149	$195,149	$0
NYC	$214,199	$214,199	$0
Oneida	$207,580	$207,576	$4
Onondaga	$206,016	$206,016	$0
Ontario	$158,945	$158,945	$0
Orange	$177,823	$177,823	$0
Orleans	$133,385	$133,385	$0
Oswego	$180,103	$180,103	$0
Otsego	$157,260	$157,260	$0

County	Award Amount	Vouchered	Balance
Putnam	$126,883	$125,566	$1,317
Rensselaer	$177,913	$177,586	$327
Rockland	$227,942	$227,942	$0
Saratoga	$148,969	$148,969	$0
Schenectady	$170,290	$170,290	$0
Schoharie	$149,001	$149,000	$1
Schuyler	$165,569	$165,569	$0
Seneca	$166,635	$164,821	$1,814
St. Lawrence	$178,002	$177,119	$883
Steuben	$185,710	$185,710	$0
Suffolk	$153,970	$153,970	$0
Sullivan	$155,289	$155,289	$0
Tioga	$160,339	$160,339	$0
Tompkins	$149,235	$149,235	$0
Ulster	$154,511	$154,511	$0
Warren	$168,835	$168,835	$0
Washington	$185,509	$185,509	$0
Wayne	$171,874	$171,874	$0
Westchester	$165,620	$165,620	$0
Wyoming	$155,000	$155,000	$0

County	Award Amount	Vouchered	Balance
Yates	$170,021	$170,021	$0
TOTALS	**$10,000,000**	**$9,858,126**	**$141,874**

2016-17 PSAP Operations Grant Summary

As of January 8, 2018

County	Award Amount	Vouchered	Balance
Albany	$222,070	$202,773	$19,297
Allegany	$181,551	$55,112	$126,439
Broome	$192,568	$143,852	$48,716
Cattaraugus	$177,254	$157,290	$19,964
Cayuga	$173,311	$163,311	$10,000
Chautauqua	$185,422	$180,184	$5,238
Chemung	$192,584	$90,786	$101,798
Chenango	$166,657	$166,657	$0
Clinton	$142,066	$107,342	$34,724
Columbia	$151,710	$0	$151,710
Cortland	$154,339	$149,673	$4,666
Delaware	$162,103	$23,791	$138,312
Dutchess	$147,028	$0	$147,028
Erie	$200,972	$134,770	$66,202
Essex	$170,972	$0	$170,972
Franklin	$170,493	$136,828	$33,665
Fulton	$213,816	$207,362	$6,454

County	Award Amount	Vouchered	Balance
Genesee	$187,497	$187,497	$0
Greene	$146,033	$146,033	$0
Hamilton	$128,970	$5,236	$123,734
Herkimer	$194,498	$194,498	$0
Jefferson	$205,628	$114,240	$91,388
Lewis	$184,555	$38,194	$146,361
Livingston	$205,512	$205,512	$0
Madison	$173,644	$173,644	$0
Monroe	$214,772	$214,772	$0
Montgomery	$174,345	$174,345	$0
Nassau	$159,969	$0	$159,969
Niagara	$174,498	$174,498	$0
NYC	$213,108	$213,052	$56
Oneida	$182,873	$182,873	$0
Onondaga	$188,364	$188,364	$0
Ontario	$170,810	$170,810	$0
Orange	$156,854	$156,854	$0
Orleans	$134,049	$134,049	$0
Oswego	$179,865	$179,865	$0
Otsego	$164,201	$0	$164,201

County	Award Amount	Vouchered	Balance
Putnam	$124,811	$124,811	$0
Rensselaer	$193,544	$0	$193,544
Rockland	$175,641	$140,418	$35,223
Saratoga	$126,529	$126,529	$0
Schenectady	$172,058	$129,044	$43,014
Schoharie	$144,715	$48,589	$96,126
Schuyler	$163,084	$94,912	$68,172
Seneca	$172,597	$0	$172,597
St. Lawrence	$189,066	$23,010	$166,056
Steuben	$190,105	$190,105	$0
Suffolk	$179,649	$179,649	$0
Sullivan	$154,978	$154,978	$0
Tioga	$147,475	$147,475	$0
Tompkins	$150,076	$0	$150,076
Ulster	$155,526	$110,000	$45,526
Warren	$173,608	$0	$173,608
Washington	$178,799	$178,799	$0
Wayne	$175,335	$0	$175,335
Westchester	$158,487	$158,487	$0
Wyoming	$153,848	$93,383	$60,465

County	Award Amount	Vouchered	Balance
Yates	$175,108	$102,514	$72,594
TOTALS	**$10,000,000**	**$6,776,768**	**$3,223,232**

APPENDIX B – Board Resolutions

STATE INTEROPERABLE AND EMERGENCY COMMUNICATIONS BOARD

RESOLUTION ADOPTING
REVISIONS TO THE NYS INTEROPERABILITY CHANNEL NAMING AND USE GUIDE FOR THE COMMON EMS VHF-RADIO FREQUENCIES

Resolution No. 2017-0131-01

WHEREAS, pursuant to section 328(10) of the New York State County Law, the State Interoperable and Emergency Communication Board is empowered to make recommendations to the New York State Division of Homeland Security and Emergency Services related to the development, coordination and implementation of policies, plans, standards, programs and services related to interoperable and emergency communications; and

WHEREAS, the State Interoperable and Emergency Communication Board deems it appropriate to make a recommendation to the New York State Division of Homeland Security and Emergency Services regarding revisions to current guideline for the Name and Use of Common EMS VHF Radio Channels in the State of New York.

NOW THEREFORE, BE IT RESOLVED, that the State Interoperable and Emergency Communication Board hereby adopts the recommendation of the State Communications Interoperability Working Group that the Division of Homeland Security and Emergency Services implement the revisions to the current guideline for the Name and Use of Common EMS VHF Radio Channels in New York State, a copy of which is attached hereto as Exhibit A.

BE IT FURTHER RESOLVED that this Resolution shall be in full force and effect from January 31, 2017.

ADOPTED and APPROVED by the State Interoperable and Emergency Communication Board at a meeting held on the 31st of January, 2017 at which a quorum was present and voted.

State Interoperable and Emergency Communication Board

BY: _____
Michael A. Sprague, Chair

Homeland Security and Emergency Services | Interoperable and Emergency Communications

ANDREW M. CUOMO
Governor

JOHN P. MELVILLE
Commissioner, DHSES

MICHAEL A. SPRAGUE
Director

COMMUNICATIONS GUIDELINE NUMBER 13-03

Channel Name and Use of Common EMS VHF Radio Frequencies in New York State

Effective: Immediately
Date issued: April 02, 2014

Valid: Until revoked or superseded
Revision: **2** (01-31-2017)

SUMMARY:

This document establishes a standard channel naming plan for VHF-High Band channels utilized by the Emergency Medical Services (EMS) agencies in New York State.

DESCRIPTION:
The following frequencies have been renamed to create a statewide channel name standard.

Frequency	New Name	Pronunciation	CTCSS
155.1600	**VSAR16** [1]	**Vee-Sarr-One-Six**	**127.3 Hz.** [1]
155.1750	**NYMED175**	**Nye-Med-One-Seven-Five**	**156.7 Hz. Transmit** [2]
155.2050	**NYMED205**	**Nye-Med-Two-Zero-Five**	**156.7 Hz. Transmit** [2]
155.2200	**NYMED220**	**Nye-Med-Two-Two-Zero**	**156.7 Hz. Transmit** [2]
155.2800	**NYMED280**	**Nye-Med-Two-Eight-Zero**	**156.7 Hz. Transmit** [2]
155.2950	**NYMED295**	**Nye-Med-Two-Nine-Five**	**156.7 Hz. Transmit** [2]
155.4000	**NYMED400**	**Nye-Med-Four-Hundred**	**156.7 Hz. Transmit** [2]
155.7150	**NYMED715**	**Nye-Med-Seven-One-Five**	**156.7 Hz. Transmit** [2]
155.3400	**VMED28** [3]	**Vee-Med-Two-Eight**	**156.7 Hz. Transmit** [4]
155.3475	**VMED29** [3]	**Vee-Med-Two-Nine**	**156.7 Hz. Transmit** [4]

(1) **Modified Sept-2015**, to align naming and CTCSS with the national standard. NYS Federation of Search & Rescue Teams has endorsed this change and teams will comply with this change.
(2) Transmit tone of 156.7 Hz is suggested. Default operations should be carrier-squelch (CSQ) receive. It is **NOT** recommended to program a receiver tone.
(3) National standard channel name as listed in the National Interoperability Field Operations Guide (NIFOG).
(4) Transmit tone of 156.7 Hz. as listed in the National Interoperability Field Operations Guide (NIFOG). Default operations should be carrier-squelch (CSQ) receive. It is **NOT** recommended to program a receiver tone.

1220 Washington Avenue, State Office Building Campus
Building 7A, Suite 710
Albany, NY 12242

IMPLEMENTATION:
All users should begin use of the new names and should rename visual displays in radio equipment, when possible. Agencies and system managers should inform their users of these name changes so they are familiar with the new names and how it relates to the current appearance in their radios.

LICENSED USE:
This guideline does NOT supersede the Federal Communications Commission (FCC) rules and regulations. An FCC license or appropriate authorization from a licensee is required for mobile and portable use and an FCC license if required for all base station use.

CAUTION: Some of these frequencies are not for the exclusive use for EMS Communications, as they are licensed by other entities for their own operational purposes. Transient users of the frequencies operating in other areas of the state (during mutual-aid conditions) should avoid causing interference with other licensed users.

PERMITTED USES:
EMS Operations (Tactical, Ambulance to Ambulance, Ambulance to Hospital Communications)

PROHIBITED USES:
Non-EMS, non-public safety related activities except as otherwise licensed by the FCC.

- **Concerns** regarding this document or misuse of interoperability and common channels should be reported to the New York State Division of Homeland Security and Emergency Services, Office of Interoperable and Emergency Communications by Email: DHSES.OIEC@dhses.ny.gov or Phone: 518-322-4911.

- **Issues affecting the immediate use of these channels or interference** should be reported to the FCC public safety support center at 202-418-1122.

TECHNICAL PARAMETERS:
- Only analog, narrowband transmissions are permitted.
- The use of a radio "time out timer" is mandatory. This setting shall not exceed 120 seconds (2 minutes) each.

UNIT IDENTIFICATION:
- Users shall identify their agency when initiating transmissions on these channels (e.g. "Acme EMS Unit 123 to Any town Hospital").

- Users shall use plain language when operating on these frequencies. The use of "10-codes" or other codes is prohibited. Medical related terminology, abbreviations and codes are permitted.

JUSTIFICATION:
Since the statewide EMS communications plan was established in the 1970s, the list of available channels has changed and they have become known by many different names, leading to confusion in the end user community. As part of an overall review of interoperable channels, a working group of the State Interoperable and Emergency Communication Board recommended these standardized names.

STATE INTEROPERABLE AND EMERGENCY COMMUNICATIONS BOARD

RESOLUTION ADOPTING AMENDED
TYPE-III, ALL HAZARDS COMMUNICATION UNIT (COMU) CREDENTIALING POLICY
Resolution No. 2017-1129-01

WHEREAS, pursuant to section 328(10) of the New York State County Law, the State Interoperable and Emergency Communication Board is empowered to make recommendations to the New York State Division of Homeland Security and Emergency Services related to the development, coordination and implementation of policies, plans, standards, programs and services related to interoperable and emergency communications; and

WHEREAS, the State Interoperable and Emergency Communication Board deems it appropriate to make a recommendation to the New York State Division of Homeland Security and Emergency Services regarding the credentialing policy in the State of New York.

NOW THEREFORE, BE IT RESOLVED, that the State Interoperable and Emergency Communication Board hereby adopts the recommended amendment of the State Communications Interoperability Working Group and that the Division of Homeland Security and Emergency Services implement the amended credentialing policy with changes to Section 6.2, regarding the Type-III, All Hazards Communications Unit in New York State, a copy of which is attached hereto as Exhibit A.

BE IT FURTHER RESOLVED that this Resolution shall be in full force and effect from November 29, 2017.

ADOPTED and APPROVED by the State Interoperable and Emergency Communication Board at a meeting held on the 29th of November, 2017 at which a quorum was present and voted.

State Interoperable and Emergency Communication Board

BY: _____
Michael A. Sprague, Chair

NEW YORK STATE | Homeland Security and Emergency Services | Interoperable and Emergency Communications

New York State

Type-III, All Hazards COMMUNICATIONS UNIT (COMU)

POSITION CREDENTIALING POLICY

NYS Division of Homeland Security and Emergency Services

Office of Interoperable and Emergency Communications

*** * * REVISED FINAL 11/29/2017 * * ***

Executive Summary

This document establishes the credentialing policy for the Type-III, All Hazards Communications Unit (COMU) positions; Communications Unit Leader (COML) and the Communications Unit Technician (COMT) positions, for use in the State of New York.

This policy was established by the Office of Interoperable and Emergency Communications with assistance and input from local and state peers, subject matter experts and members of the State Communications Interoperability Working Group.

Record of Changes

This Record of Changes is used to record revisions to this document, including a brief description of the changes made, the date the changes went into effect by approval of the New York State Statewide Interoperability Coordinator (SWIC)

Change Number	*Change Date*	*Summary of Revision*	*Authorization/Approval*
1	10/15/2014	Initial document	SWIC
2	11/29/2017	6.2 Application Approval Process	SWIC

TABLE OF CONTENTS

1 NYS Communications Unit Policy Information 5
1.1 Background 5
1.2 Authority 5
1.3 National Wildfire Coordinating Group (NWCG) Position Credential 5
1.4 Updates and Revisions 5
1.5 Definitions and Acronyms 6
2 NYS COMU Credentialing Process 7
2.1 Credential Period 7
3 COMU Position Credentialing Training Requirements 7
3.1 NIMS/ICS Prerequisites 7
3.2 Classroom Course 8
3.2.1 COML Course 8
3.2.2 COMT Course 8
4 COMU Position Task Book 8
4.1 Agency Certification 8
4.2 Prior Experience Credit (Historical Recognition) 9
4.3 PTB Completion Time Frame 9
4.4 Authorized Evaluators 9
4.5 PTB Documentation 9
4.6 PTB Document Version 9
5 Credentialing Application 9
5.1 Required Documentation 9
5.2 Applications 10
5.2.1 Recognition of Prior Learning 10
5.2.2 Initial Application (First time applying for a credential) 10
6 Application Approval Process 10
6.1 Staff Review 10
6.2 Qualification Review Committee 10
6.3 Recommendation For Credentialing 11
6.4 Recommendation For Denial Of Credentialing 11
7 Credential Renewal, Proficiency and Performance 11
7.1 Credentialing Renewal Proficiency Requirements 11
7.2 Renewal Period 11
7.3 Application For Renewal Of Credential 11
7.4 Failure To Meet Renewal Requirements 11
8 Agency Affiliation Changes 12

APPENDICES:
Appendix A: COMU Position Application
Appendix B: Agency Certification
Appendix C: Performance-Proficiency Documentation
Appendix D: Position Task Book (PTB), COML

Appendix E: Position Task Book (PTB), COMT

1 NYS Communications Unit Policy Information

1.1 Background

During all-hazards emergency response operations, communications among multiple jurisdictions and disciplines—including emergency medical, fire, and law enforcement services — is essential. Unfortunately, the absence of on-scene communications coordination has often compromised critical operations. To close this capability gap, the United States Department of Homeland Security's Office of Emergency Communications (OEC) in partnership with the Federal Emergency Management Agency (FEMA), and practitioners from across the country developed performance and training standards for the All Hazards Type III Communications Unit Leader (COML), and for the Communications Unit Technician (COMT) positions.

Under the National Incident Management System (NIMS)-Incident Command System (ICS) structure, the COML serves as the position that plans, manages and leads the technical and operational aspects of the communication unit, during incidents, events and exercises. The COMT serves as the support staff position, to implement various solutions developed by the COML, to meet the communications needs of an incident.

1.2 Authority

Authority for the Division of Homeland Security and Emergency Services (DHSES), Office of Interoperable and Emergency Communications (OIEC) to develop this policy was established pursuant to the provisions provided in NYS Executive Law; Section 717. The Statewide Interoperable and Emergency Communications Coordinator (SWIC), in consultation with the COMU Peer-Review Committee will review, approve, and re-certify all COMU credentialing.

1.3 National Wildfire Coordinating Group (NWCG) Position Credential

This policy meets the position specific guidance developed by DHS-OEC and FEMA. Those seeking credentialing in similarly titled positions administered by the National Wildfire Coordinating Group (NWCG), will need to complete additional requirements beyond the scope of this policy.

1.4 Updates and Revisions

This document will be reviewed periodically or in conjunction with updates of the NYS Statewide Communications Interoperability Plan. Revisions to this policy will be reviewed by the SWIC and the Peer-Review Committee. Comments, suggested revisions or additions to this policy should be submitted via email to: DHSES.OIEC@dhses.ny.gov

Individuals requesting New York State credentialing for a communications position are responsible for checking the state website www.dhses.ny.gov to obtain the current version of this document.

1.5 Definitions and Acronyms

AHIMT:	All Hazards Incident Management Team
Applicant:	Individual seeking to obtain a COMU position credential
Certifying Official:	Refers to an Agency's executive or the Agency executive's designee. This will vary depending on the Agency and the version of the Position Task Book (PTB) issued during training. Examples include: Agency Heads, Chiefs, and Division/Department Directors.
CIWG:	Communications Interoperability Working Group
COML:	Communications Unit Leader
COMT:	Communications Unit Technician
COMU:	Communications Unit
COMEX:	Communications Unit Exercise
COMLEX:	Communications Unit Leader Exercise
DHSES:	New York State - Division of Homeland Security and Emergency Services
DHS-OEC:	United States - Department of Homeland Security-Office of Emergency Communications
FEMA:	Federal Emergency Management Agency
Final Evaluator:	The person qualified to evaluate subordinate positions
HSEEP:	Homeland Security Exercise and Evaluation Program
ICS:	Incident Command System
IMT/AHIMT:	Incident Management Team/All Hazards
NIC:	FEMA, National Integration Center
NIMS:	National Incident Management System
OIEC:	New York State - Office of Interoperable and Emergency Communications
PTB:	Position Task Book
SCIP:	Statewide Communications Interoperability Plan
SIEC:	State Interoperable and Emergency Communication Board
STO:	State Training Officer
SWIC:	Statewide Interoperability Coordinator
Trainee:	An individual, approved by their employing/sponsoring organization, who is preparing to qualify for an ICS position, is credentialed as a Trainee in that position once prerequisites are met and the PTB has been initiated. A Trainee is eligible for formal, on-the-job training.

2 NYS COMU Credentialing Process

The NIMS ICS All-Hazards positions require candidates that serve in the COMU positions, to currently serve in a public safety communications role. A public safety communications background with exposure to field operations is critical in the performance of the positions. Personnel who are regularly assigned to functional, support, unit leader positions, or by those persons, who desire to seek qualifications in those positions, may apply for credentialing. They should have supervisory and personnel management skills and knowledge of local communications systems and communications capabilities.

Candidates must demonstrate knowledge of the local, regional and state communication plans, local topography, system site locations and knowledge of communications technologies.

NIMS provides a consistent, nationwide approach for agencies to manage emergency response operations. COMU training is recognized by the FEMA/NIC as supporting NIMS.

All-Hazards Type III COMU certification requires four (4) steps to attain certification in New York.

Step 1: Completion of prerequisite NIMS/ICS courses
Step 2: Completion of COML and/or COMT Federal Classroom Course
Step 3: Completion of Position Task Book
Step 4: Completed NYS COMU application for position credentialing

2.1 Credential Period

The credential will remain valid for five (5) years after the date of issuance.

3 COMU Position Credentialing Training Requirements

In order for an individual to participate in the COMU credentialing policy, all local, state and federal prerequisite requirements must be met prior to applying for participation in the classroom training course.

3.1 NIMS/ICS Prerequisites

Applicants must meet the ICS training course prerequisites prior to attending the COMU position training course.

Required prerequisites:
IS-100.b, Introduction to the Incident Command System (ICS), ICS-100;
IS-200.b or ICS-200, Incident Command System (ICS) for Single Resources and Initial Action Incidents
ICS-300, Intermediate Incident Command System (ICS) for Expanding Incidents
IS-700.a, National Incident Management System (NIMS), An Introduction.

IS-800.b, National Response Framework (NRF)

Recommended, but not required:
ICS-400, Advanced Incident Command System (ICS), Command and General Staff
IS-704, NIMS Communications and Information Management
IS-802, Emergency Support Functions Communications

3.2 Classroom Course

The course attended must be approved by the NYS State Training Officer (STO) and registered by the STO with FEMA. The course must be taught by FEMA recognized instructors. A Federally approved classroom course, taken in another state, is valid in meeting the New York State COMU credentialing requirements.

3.2.1 COML Course

The COML applicant shall successfully complete the current version of the national training course; E-969 or L-969, NIMS ICS All Hazards Communications Unit Leader.

3.2.2 COMT Course

The COMT applicant shall successfully complete the current version of the national training course; NIMS ICS All Hazards Communications Unit Technician Course. (TRG-COMT)

4 COMU Position Task Book

The Position Task Book (PTB) is the nationwide, standardized means of documenting the performance of the trainee in the designated COMU position. The books contain a variety of requirements that must all be successfully performed in order to qualify for credentialing under this policy.

- The COMU position specific tasks must be performed at multi-agency/multi-jurisdictional/multi-service (EMS, Fire, Police) functional or full-scale exercises, (COMLEX and COMEX are acceptable) planned events or actual emergency incidents
- The person signing off on the tasks performed, must be present at the event and personally witness the trainee performing the tasks
- It is not necessary to complete all tasks during a single event. Trainees may participate in multiple events until all tasks have been completed.

4.1 Agency Certification

The trainee's agency Certifying Official is responsible to attest that the trainee has complied with the New York State credentialing requirements, by signing the applicant's Position Task Book.

4.2 Prior Experience Credit (Historical Recognition)

COMU position activities that were performed within two (2) years prior to the completion of the training course will be admissible as credit for performance. Performance must be documented in a PTB.

4.3 PTB Completion Time Frame

The trainee will have up to three (3) years to complete a PTB, once the specific COMU training course has been completed and a Position Task Book initiated.

4.4 Authorized Evaluators

Persons authorized to document performance of tasks in a PTB are:

- An individual credentialed in a NYS COMU position or certified from another state (1) or from NWCG; commensurate with the position being evaluated; OR
- A qualified Logistics Sections Chief (LSC) for the exercise, event or actual incident; OR
- A qualified Incident Commander (IC) for the exercise, event or actual incident

4.5 PTB Documentation

The PTB documentation must be clear and legible and include the following elements:

- Contact information for each evaluator
- Each numbered task must be initialed by a qualified evaluator
- Final Evaluator's Verification, attesting all tasks were performed by the trainee
- Agency Certification, signed by an agency Certifying Official, confirming that the candidate has met all requirements for qualifications for the position

4.6 PTB Document Version

Previous versions used to document activity performed prior to October 1, 2014 will be admissible. Trainees whom INITIATE a PTB after October 1, 2014, must use the version posted on the DHSES-OIEC Website.

5 Credentialing Application

The trainee shall submit the required documentation to the SWIC to request credentialing in a COMU position.

5.1 Required Documentation

- A completed COMU position credentialing application (Appendix A)
- Copies of all ICS related training certificates
- Copy of the specific COMU course certificate

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[1] A certified COMU position from another state may sign off as long as they have met that states' certification requirements. (Note: The NYS-SWIC has access to the national database of qualified COMU positions for each state.)

- Completed COMU Position Task Book(s), specific to the position (Appendix D, E)
- Back-up documentation for PTB. This shall include but not limited to; Incident Action Plans, Organizational Charts, and Communications Plans; ICS204, ICS205, ICS217A, or other forms. This documentation must clearly identify the actual position that the applicant served in during the event.

5.2 Applications

5.2.1 Recognition of Prior Learning

For application requirements completed PRIOR to the effective date of issue of this policy, the age of the documentation shall not exceed ten (10) years.

5.2.2 Initial Application (First time applying for a credential)

For applicants that have NOT completed all requirements, PRIOR to the effective date of this policy, the period of time from the completion of the specific COMU training course until the submission of the application, shall not exceed three (3) years.

6 Application Approval Process

6.1 Staff Review

All applications submitted will be reviewed by OIEC staff to insure compliance with the credentialing requirements before being reviewed by the Peer Review Committee. Applications not meeting the requirements will be returned to the applicant for further action.

6.2 Qualification Review Committee

A Qualification Review Committee (Peer review) comprised of five (5) subject matter experts, will review all applications and make recommendations to the SWIC to either approve or reject an application.

Membership shall include:

- OIEC staff (2)
- Member of the CIWG
- Member of the CIWG
- Member of the CIWG

A minimum of three (3) members must participate in each review. Review may be conducted either in person, via teleconference call, video conference or other form of electronic communication. Committee members unable to attend may provide their comments and recommendations to the committee.

The Committee:

- Must abstain from acting on their own application or where there may be a potential conflict of interest
- Will consider each candidate's application on its own merits
- May request additional information or clarification be provided by candidate

6.3 Recommendation for Credentialing

Final determination for the issuance of a credential will reside with the SWIC. Candidates granted credentials will be issued documentation and will be added to the state and national databases of credentialed COMU personnel.

6.4 Recommendation for Denial of Credentialing

Applicants denied credentialing will be informed and provided with an explanation of the denial. Recommendations will be provided for any additional training and/or experience that is required before the candidate may re-apply for credentialing.

7 Credential Renewal, Proficiency and Performance

To maintain currency for the credentialed position and to be eligible for renewal of the credential, the individual holding the credential must demonstrate successful performance of activities required in this section and document those activities in a PTB.

7.1 Credentialing Renewal Proficiency Requirements

- Participation in any two (2) activities or a combination of any two (2); actual incidents, planned events or functions, full-scale exercises in the COMU position.
- All events must be multi-agency/multi-jurisdictional/multi-service (EMS, Fire, Police) and shall be conducted under the HSEEP evaluation process. Single-service/single agency events, drills, exercises or actual incidents, shall not be considered eligible.

7.2 Renewal Period

Individuals seeking renewal of their credential must initiate the renewal process by submitting application documents to the SWIC as required in Section 5.1 of this policy.

7.3 Application for Renewal of Credential

Renewal applications will be evaluated by the Peer Review Committee. Candidates, whose credentials are renewed, will be notified by the SWIC.

7.4 Failure to Meet Renewal Requirements

When credentials have expired the holder will be considered ineligible for deployment by New York State. Once renewed, the credential holder will be eligible for deployment.

8 Agency Affiliation Changes

Individuals issued credentials in a COMU position by DHSES-OIEC, shall notify OIEC of any change in agency affiliation, contact information, employment status or deployment status.

APPENDIX C

Interoperable Communication Consortiums

APPENDIX C – Interoperable Communication Consortiums

#	Consortium Name	Consortium Membership (County Name)
1	Adirondack Regional Interoperable Communications Consortium	Albany, Clinton, Essex, Franklin, Fulton, Hamilton, Herkimer, Montgomery, Rensselaer, Saratoga, Schenectady, St. Lawrence, Warren, Washington
2	Capital Region Urban Area Working Group	Albany, Rensselaer, Saratoga, Schenectady, Schoharie
3	Catskill Interoperable Communications Consortium	Columbia, Delaware, Dutchess, Greene, Otsego, Putnam, Schoharie, Sullivan, Ulster
4	Central New York Interoperable Communications Consortium	Cayuga, Cortland, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, St. Lawrence
5	Finger Lakes New York Interoperable Communications Consortium (FLNYICC)	Allegany, Chemung, Genesee, Livingston, Monroe, Ontario, Orleans, Seneca, Schuyler, Steuben, Wayne, Wyoming, Yates
6	Hudson Valley Interoperable Communications Consortium	Columbia, Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester
7	New York City Interagency Communications Committee	Nassau, Suffolk, Westchester and 5 Counties in New York City
8	Southern Tier East Regional Emergency Service Interoperable Communications Alliance	Broome, Chenango, Cortland, Delaware, Otsego, Tioga, Tompkins
9	Western New York Interoperable Communications Consortium	Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans, Wyoming