NEW YORK STATE | **Homeland Security and Emergency Services**

State Interoperable & Emergency Communication (SIEC) Board Meeting

January 31, 2018

Welcome and Opening Remarks

Michael A. Sprague,
Director, Office of
Interoperable &
Emergency
Communications,
Chair, SIEC Board

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Roll Call and Approval of Minutes

Roll Call; Approval of the Meeting Agenda; Approval of Minutes from November 29, 2017 Meeting

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Legal Report

Presented by
Angelica Kang,
DHSES
Counsel's Office
OIEC Program Attorney

OIEC Mission

The Office of Interoperable and Emergency Communications (OIEC) is the lead State agency for all interoperable and emergency communications issues, which oversees and directs the development, coordination and implementation of policies, plans, standards, programs and services related to such public safety communications.

By this directive, OIEC's responsibilities encompass the State Interoperable Communications Grant (SICG) and Public Safety Answering Point (PSAP) grant programs; public safety land mobile radio; 911 support and operations; Next Generation (NG911) development and implementation; FirstNet development and integration; The Internet of Things (IOT) integration as a conduit for 911; State Communications Unit (COMU) training and credentialing; and other communications as applicable to public safety. OIEC is also responsible for a statewide communications network and a fleet of deployable assets supporting all levels of government in the event of large scale incidents.

To accomplish this goal, the Director of OIEC is charged Under Executive Law 717 and County Law 6A with the duties of Statewide Interoperability Coordinator (SWIC), State Interoperable Emergency Communications Board (SIEC Board) Chair and Administration of 911 as it related to the mission of this office.

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Objectives:

- The implementation of an active COMU program. Establish and maintain the Statewide Communications Interoperability Plan (SCIP), Communications Guidelines, and Communications Policies.
- Operate and maintain a statewide communications network and a series of deployable assets to support all levels of government in the event of large scale incident/incidents. OIEC has the advantage of not being tied to any single agencies mission, thereby allowing OIEC to provide overarching communications support, as well as redundant communications in the event of loss or failure anywhere in the State.
- Coordinate the planning and implementation of public safety broadband and the National Public Safety Broadband Network (FirstNet) in New York.
- Fulfill the duties of the State 911 Coordinator and empower the 911 Coordinator to coordinate all efforts in development, implementation, and governance of NG911 services in New York.
- Support and operations of the SIEC Board and all the duties as prescribed by New York State County Law, Article 6-A, Section 326, created the State Interoperable and Emergency Communication Board (SIEC Board) within the Division of Homeland Security and Emergency Services (pursuant to Chapter 56 of the Laws of 2010). Section 328 of the New York State County Law to include:

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- Support and operations of the SIEC Board and all the duties as prescribed by New York State County Law, Article 6-A, Section 326, created the State Interoperable and Emergency Communication Board (SIEC Board) within the Division of Homeland Security and Emergency Services (pursuant to Chapter 56 of the Laws of 2010). Section 328 of the New York State County Law to include:

  o Make recommendations to the Commissioner of the Division of Homeland Security and Emergency Services on the expenditure of grants and other funding programs related to interoperable and emergency communications;
  o 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;
  o Establish structures and guidelines to maintain interoperable communications planning and coordination at the statewide level;
  o Establish, promulgate and revise standards for the operation of public safety answering points; and
  o Establish guidelines regarding the creation of regionally based radio communications systems compatible with the structures and guidelines consistent with federal mandates and best practices.

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PSAP and SICG Grant Updates

Presented by
Larissa Guedko, Radio Engineer, Office of Interoperable and Emergency Communications

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SICG Program Overview

Program Name	Appropriation Year	Appropriation Amount $$	Reimbursed $$	Project Period
Round 1 SICG	2010-2011	20 million	20 million	12/21/2011-09/30/2014
Round 2 (SICG)	2011-2013	102 million	99 million	02/04/2013-02/03/2018
Round 2 (2012 PSAP)	2011-2012	9 million	9 million	05/01/2013-04/30/2017
Round 2 (2013 PSAP)	2012-2013	9 Million	8.9 million	06/25/2014-06/24/2017
Round 3 SICG	2013-2014	75 million	64.5 million	12/03/2013-12/02/2018
2014 PSAP	2013-2014	10 million	10 million	01/01/2015-21/31/2015
Round 4 SICG	2014-2015	50 million	18.6 million	01/01/2016-12/31/2018
2015 PSAP	2014-2015	10 million	10 million	01/01/2016-12/31/2016
2016 PSAP	2015-2016	10 million	7 million	01/01/2017-12/31/2017
2016 SICG Formula	2015-2016	45 million	3.5 million	01/01/2017-12/31/2018

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SICG Program Overview

✓ **2017 SICG Formula – analysis complete**
✓ **2017 PSAP Operations Grant – analysis complete**
✓ **2017 SICG Targeted – analysis complete, project to begin in February 2017**

TOTAL $340 million in grants
Please visit www.dhses.ny.gov/oiec/grants for detailed map and additional information

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SICG and PSAP Funding Overview

$65 million for targeted and formula-based grants

- **Targeted**: **$20 million** for large-scale radio projects to close gaps in regional communications capability
- **Formula: $45 million** allow for on-going sustainment and improve interoperability between counties and regional partners

$10 million – PSAP Operating Grant

An annual formula-driven grant to support ongoing operations of public safety communications centers

Anticipated Release of Grant Requests for Applications:

SICG Formula Grant –*every year in May*

SICG Targeted Grant – *ongoing, rolling schedule*
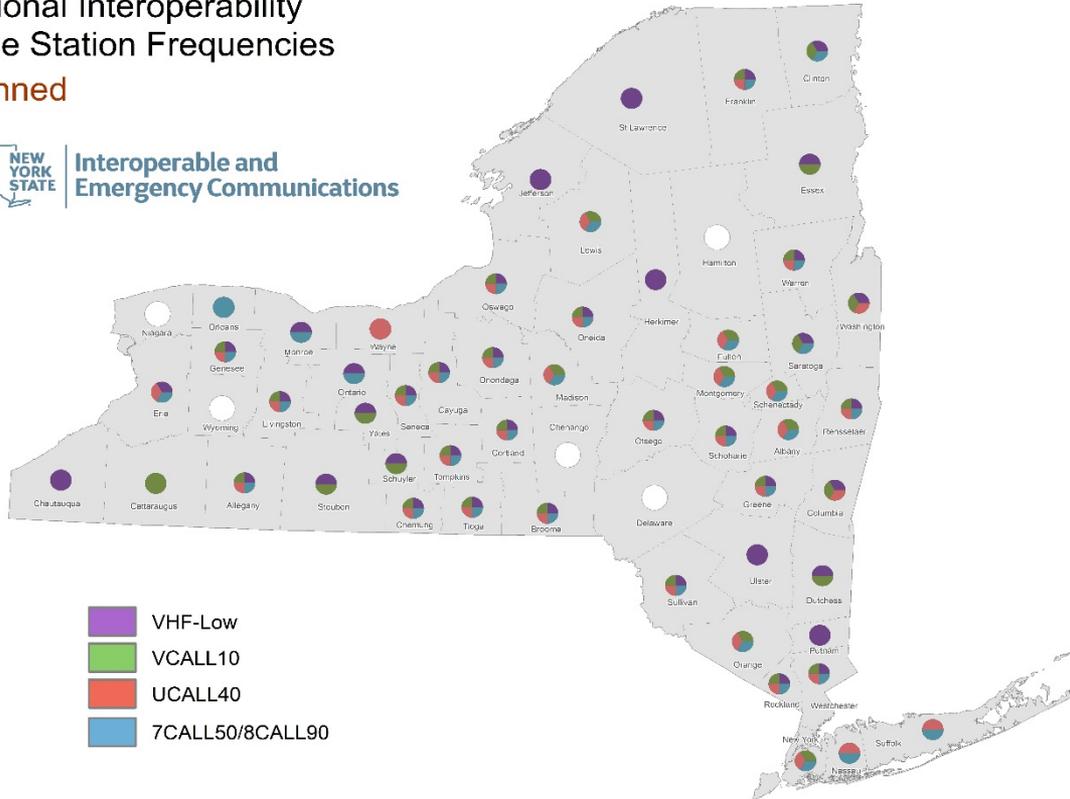
PSAP Operations Grant - *every year in June*

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NYS DHSES Grant Program Analysis and Results

National Interoperability
Base Station Frequencies
Current

Legend:
- VHF-Low
- VCALL10
- UCALL40
- 7CALL50/8CALL90

NYS GIS Program Office 01-2018

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NYS DHSES Grant Program Analysis and Results

National Interoperability
Base Station Frequencies
Planned

NYS DHSES Formula Grants Observations

Award amount for SICG Formula and PSAP Operations grant will change every year.

The SICG Targeted Grant award amount will depend on a defined scope of work necessary to complete NYS DHSES goals for interoperability development and vary from county to county.

Collaboration and formalization of agreements between counties and State agencies.

Regional / Consortium connectivity has grown.

CASM-Communications Assets Survey and Mapping tool-utilization has grown.

Text-to-911 service implemented in more counties.

More resiliency in the LMR infrastructure.

LMR system upgrades and PSAP upgrades.

Standing Committee Reports

Presented by
Michael A. Sprague,
Director, Office of
Interoperable &
Emergency
Communications,
Chair, SIEC Board

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911 Advisory Committee

Presented by
Sheriff Joseph Gerace,
Chautauqua County

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NG 9-1-1 Working Group

Presented by
Brett Chellis, Deputy Director, Office of Interoperable and Emergency Communications

NG911 Working Group Activity

- Ongoing conference calls
  - Reviewing legislative activity federal level
    - Next Generation 911 Act of 2017
  - Reviewing FCC activity
    - Location Accuracy Requirements
    - MLTS Direct Dialing of 911 and location requirements
    - Nationwide Number Portability
    - Net Neutrality

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NG911 WG Activity Con't:

- National Highway Traffic Safety Admin.
  - 911 Grant Program-Notice of Proposed Rulemaking

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Technical Assistance Request-OEC

- OIEC has submitted a request to DHS OEC to continue the TA for the NG911 Working Group

NENA NG911 SBPC

- Chair, one County representative as well as both GIS Subcommittee Co-Chairs attended NG911 Standards and Best Practices Conference Jan 15-18th.
  - Change Management in 911 Course
  - Sessions in which presentations were made by NENA Working Group members and input was made.

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NENA Conference Session Topics

- Gathering, Moving and Sharing Data in NG911
- Cybersecurity
- NEAD and GIS
- Call Routing
- Location Validation and Accuracy
- Operational Impacts on the PSAP
- Improving Accessibility through NG911
- Role of NG911 in Disasters
- Building a Roadmap to NG911
- FirstNet and the PSAP

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2018 NG911 Goals and Objectives

1. Develop programmatic responsibility for NG911

2. Continue development of Statewide 911 plan.

3. Define roles of other state agencies within the plan

4. Establish timeline and roadmap for NG911

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GIS Subcomittee

NG9-1-1 Workgroup GIS subcommittee

- Established in Q4 of 2017
- Members from Broome, Dutchess, Genesee, Monroe, Niagara, Onondaga, Tompkins, Steuben counties, NY City, and ITS' GIS Program Office

Initial goal: Conduct survey to determine each county's status concerning GIS datasets required for NG9-1-1 implementation

- **Street centerlines** with address ranges (edge-matched to neighboring county boundaries)
- **Address points** with sub-addresses and landmark names
- **PSAP boundaries** (edge-matched to neighboring county boundaries)
- **Police/Fire/EMS response areas** (edge-matched to neighboring municipal and county boundaries)

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Current related activity:

- Developing questions for the survey

- Gathering county contacts for GIS datasets, MSAG/ALI data and CAD systems for member counties

- Dividing the 57 counties up amongst members to collect same contact information statewide

- Once contact list is assembled, conduct survey

- Targeting April/May 2018 to have survey results

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Additional goals:

- Identify and educate other counties about NENA standards that will facilitate developing and maintaining GIS data required for NG9-1-1

- Encourage committee members attendance at 911 Coordinators Association conferences and participation NENA standards workgroups

- Inform CAD vendors of the importance NYS counties and NY City place on having new versions of CAD products easily utilized GIS data in NENA standards

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Communications and Interoperability Working Group

Presented by
Jay Kopstein and Eric Day, Co-Chairs

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Public Safety Broadband Working Group

Presented by
Matthew Delaney, Radio Engineer, Office of Interoperable and Emergency Communications

Recognition and Thanks

- ## PSBBWG members:

  - For your participation over the past three years

  - For providing NYS input to the process leading up to the release of the Initial State Plan

- ## State Plan Evaluators:

  - For your time spent reviewing the Initial State Plan

  - For identifying specific areas in need of improvement

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Governor's Opt Decision

- NY has Opted In, accepting FirstNet's State Plan for New York
  - Implementation and Operation is FirstNet's 25-year obligation
  - NYS has <u>not</u> assumed any financial obligation
- Rationale behind recommendation
  - Opt-Out path presented substantial financial risk (with uncertainty over a better outcome)
  - Service is available "immediately"
  - Leverage federal program benefits
- What did other states/territories do?
  - Opt-ins: 56 (50 states, DC, 5 territories)
  - Opt-outs: 0

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What Opt-In means for NY

- PS stakeholders retain choice of providers
  - No mandate to use FirstNet
  - AT&T adoption goals/penalties; need PS subscribers
  - Agencies may be able to influence RAN build-out

- FirstNet expected to drive innovation
  - Public safety apps, devices
  - Some will be compatible with other providers

- Interoperability
  - All bordering states have opted in
  - AT&T has expressed intention to support interoperability with other carriers
  - DHSES/PSBBWG to provide resources

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The Benefits of FirstNet

- – Creates a large market; encourages product development
  - user equipment/accessories
  - applications
  - system interfaces
- – FirstNet's test lab & certification of apps
  - user devices/apps vetted for PS fitness, supplier support
- – FirstNet is a single shared nationwide system

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PSBB offerings in New York State

- AT&T/FirstNet will provide priority & pre-emption service for public safety

- Verizon has advertised they will provide a priority service for public safety

  – Details on integration/interoperability are still uncertain

- AT&T/FirstNet may offer some exclusive solutions

- Competition should provide a benefit to public safety: price, equipment options, and applications

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SLIGP 2.0

- DHSES has applied for SLIGP 2.0 grant
- Allowable Activities
  - Identify coverage needs/gaps within the State
  - Plan for the transition of public safety applications, software, and databases
  - Development of policies to increase data sharing between existing public safety systems
  - Stakeholder outreach events (as requested by FirstNet)
  - Data collection in specific areas (as requested by FirstNet)
- Period of Performance: Mar 2018 - Feb 2020

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What's Next

- ## PSBBWG → PSBBUG (PSBB User Group)
  - ### BBUG Purpose: NY's user stakeholder focal point for all things Public Safety Broadband (PSBB)
    - Stakeholder input to DHSES to support both FirstNet and non-provider specific PSBB items of importance
    - Non-biased resource for PSBB information: FirstNet, other providers, general information

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PSSBUG Change

- Requires minor change to Board By-Laws (Article V) to update name

- Requires new (revised) charter for the User Group

- Draft update charter was distributed by email.

- Request Board vote to formally accept change

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State Agency Communications Working Group

Presented by
Michael A. Sprague,
Director, Office of
Interoperable &
Emergency
Communications,
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Channel Naming and Use Working Group

Presented by
Matthew Delaney, Radio Engineer, Office of Interoperable and Emergency Communications

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Citizen Alerting Committee

Presented by
Michael A. Sprague,
Director, Office of
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New Business

Presented by
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Director, Office of Interoperable
& Emergency Communications,
Chair, SIEC Board

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2018 Communications Consortium Symposium

- Dates: March 19th thru the 21st, 2018
- The Thayer Hotel, West Point, NY
- Symposium Registration and Lodging – Call Joann Waidelich
- Tour of West Point
  - Date and time is March 19th at 1030am
  - Please speak with Phil McGeough for any details on tour.
- Weapons Registration
  - Please speak with Phil McGeough for any weapons that will carried for the duration of Symposium. (Only duty weapons will be allowed.)
- Agenda (Waiting to be finalized)
- Banquet an Key Note Speaker (Roger L. Parrino, Sr.)
- C3 Dinner Meeting (Tuesday, March 20th 6pm)

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Summary, Closing Remarks and Adjournment

Presented by
Michael A. Sprague,
Director, Office of
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Chair, SIEC Board

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