State Interoperable & Emergency Communication (SIEC) Board Meeting
Welcome and Opening Remarks

Michael A. Sprague,
Director, Office of Interoperable & Emergency Communications,
Chair, SIEC Board
Roll Call
Approval of Minutes
Approval of Agenda

Roll Call; Approval of the Meeting Agenda;
Approval of Minutes from September 12, 2018 Meeting
Approval of Agenda for November 28, 2018
PSAP, SICG and Targeted Grant Updates

Presented by
Larissa Guedko, Radio Engineer, Office of Interoperable and Emergency Communications
## SICG Program Overview

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Appropriation Year</th>
<th>Appropriation Amount $$</th>
<th>Reimbursed $$</th>
<th>Project Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round 1 SICG</td>
<td>2010-2011</td>
<td>20 million</td>
<td>20 million</td>
<td>12/21/2011 – 09/30/2014</td>
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<td>Round 2 (SICG)</td>
<td>2011-2013</td>
<td>102 million</td>
<td>99.7 million</td>
<td>02/04/2013 – 02/03/2018</td>
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<td>Round 2 (2012 PSAP)</td>
<td>2011-2012</td>
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<td>05/01/2013 – 04/30/2017</td>
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<td>Round 2 (2013 PSAP)</td>
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<td>8.9 million</td>
<td>06/25/2014 – 06/24/2017</td>
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<td>Round 3 SICG</td>
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<td>75 million</td>
<td>70 million</td>
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<td>Round 4 SICG</td>
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<td>2016 SICG Formula</td>
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<td>12.7 million</td>
<td>01/01/2017 – 12/31/2019*</td>
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<td>2017 SICG Formula</td>
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<td>2.9 million</td>
<td>01/01/2018 – 12/31/2019</td>
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<td>2018 SICG Formula</td>
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<td>0 million</td>
<td>01/01/2019 – 12/31/2020</td>
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## SICG Program Overview (Continued)

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<tr>
<td>2016-17 PSAP Operations</td>
<td>2016-2017</td>
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<tr>
<td>2018-19 PSAP Operations</td>
<td>2018-2019</td>
<td>10 million</td>
<td>0 million</td>
<td>01/01/2019 – 12/31/2019</td>
</tr>
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**Anticipated RFAs Schedule:**
- **PSAP Operations Grant**: every year in May-June
- **SICG Formula Grant**: every year in June-July
- **SICG Targeted Grant**: ongoing, rolling schedule
SICG Program Overview

✓ 2019 SICG Formula – RFA in June – July 2019
✓ 2019 PSAP Operations Grant – RFA in May – June 2019
✓ 2018 SICG Targeted – Partial announcement in November 2018 (Phase 1)

TOTAL $450 million in grants

Please visit www.dhsses.ny.gov/oiec/grants for additional information
SFY2018-19 SICG and PSAP Funding Appropriations

$65 million for targeted and formula-based Interoperability 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 Operations Grant
An annual formula-driven grant to support ongoing operations of public safety communications centers
Targeted Interoperability Grant

- **Implement Hailing and Command Channels Statewide** - National CALLing Interoperability Channels (VHF-Lo, VHF-Hi, UHF and 800MHz) with 95% mobile coverage.

- **24/7 monitoring of CALLing channels** – monitoring is performed by state, regional interoperability centers and counties. This ensures that public safety responders, no matter where they travel in the State, have contact with a dispatcher to request help or instructions.

- **Backhaul enhancements** - communications network connectivity/backhaul within and between consortiums/regions (microwave, fiber, etc.)
Targeted Interoperability Grant

- Implementation of tactical channels (TAC-channels) on a statewide basis
- Continued implementation of CALLing and TACTical channels in subscriber equipment
- Development of governance – TICPs, FOGs, SOPs, MOUs
- Statewide engagement from state, consortiums, regions and counties to complete the **Communications Asset and Survey Mapping (CASM)** tool, and integration in to NY Responds.
Targeted Interoperability Grant Progress

- Total available funding is $65 million
- Maximum award is $6 million
- Grant performance period is 4 years

- RFA determines county eligibility, defines standards and adherence to grant requirements
- 2017 SICG applications are used as a base for gap analysis of interoperability in counties
- Funding will support counties which were identified as areas with insufficient coverage and/or insufficient infrastructure of National Interoperability Channels

- **OIEC is working with counties individually to develop interoperability projects and budgets**
911 Advisory Committee

Presented by
Sheriff Joseph Gerace,
Chautauqua County
NG 9-1-1 Working Group

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

• Deputy Director appointed State 911 Coordinator

• Radio Engineer position assigned to program- Tyler Lemire

• Other OIEC program staff will assist as needed.
DHS OES Technical Assistance

• Two TA consultants have returned
  – Joel McCamley, 911 Authority, LLC
  – Nancy Dzoba, Lafayette Group

• Assisting in writing state 911 plan.
  – Draft plan edits consolidated
  – Updated draft for working group review
Consultants

• Procurement request for professional support services submitted
  – State 911 plan development
  – NG911 project roadmap
  – Implementation framework
  – Project management and quality assurance
November 28, 2018

NG911 Working Group

• Reviewing and editing draft state plan

• Planning workshop in February
  – Two day work session to complete state plan
  – TA’s, consultants, OIEC Program staff, NG911 Working Group
NG911 Summit

• Attended September 20-21 in Sacramento, CA- hosted by CA OES 911
• State 911 Coordinators, NENA, Dept. of Defense
• Focused on key steps in implementing NG911 along with hurdles and lessons learned
NASNA Interim Meeting

• Attended Oct 30-31 in Kansas City
• State reports, National 911 Program, FCC
  – Location accuracy
  – Z Axis
  – Kari’s Law and RAY BAUM Act
Federal 911 Grant

• Applied on September 10, 2018
• Estimated 4.7M+ in funding (60/40 match)
• Received denial notice September 28, 2018
• Response options are being reviewed.
COMU Program

Communications Technician (COMT)

- DHSES staff and employees of Suffolk County recently completed COMT class
- DHSES will begin the process of credentialing COMTs in 2019, and follow the same process as we did with credentialing of COMLs
- DHSES will seek a COMT Train-the-Trainer class in 2019, to allow New York State to be able to start training our own across the State, just as we are working on in 2018 for our COMLs
Communications Unit Leader (COML)

- DHSES-OIEC continues to credential COMLs across New York State, which currently stands at 37 “State Recognized” COMLs in New York State.

- DHSES-OIEC has facilitated a COMU meeting, who have met twice with State Recognized COMLs, most recently in Oriskany to review DHSES Assets, and CASM training.

- The next scheduled COMU meeting is scheduled for February 27 – March 1, 2019, and will include more hands-on work.

- DHSES-OIEC has organized a COML Train-the-Trainer class, scheduled for March 19 – 21, 2019.

Once completed, New York State will have thirteen (13) COML Trainers spread-out across New York State, thereby allowing us to offer more COML courses, and be able to train our own.
Public Safety Broadband User Group

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

• FirstNet and AT&T to work with the states on developing an emergency management plan.
  – Asset deployment and prioritization
  – Restoration
  – ESF-2
  – EOC staffing
  – On-demand devices, etc.

• We had our kickoff meeting last week
PSBBBUG

• Public Safety Broadband User Group (PSBBBUG) meeting to be held in January
  – Members stay tuned for an email
  – Open membership (to PS/Gov’t)…let us know if you want to participate.
State Agency Communications Working Group

Presented by Michael A. Sprague, Director, Office of Interoperable & Emergency Communications, Chair, SIEC Board
State Agency Sub-Working Group Meeting

Inter-Agency Communications / Coordination
November 7, 2018
November 14, 2018
November 21, 2018
State Agency Sub-Working Group
Attendance 11/14/18

- Mike Sprague  OIEC
- Matt Delaney  “
- Brett Chellis  “
- Budget (Bob, Beth, Katie & Lauren)
- Shawn Clark  Parks
- Lt Tim Morris  NYSP
- Chuck White  NYSP
- Lt Jacobs  DEC
- Bob Terry  DOT
- John Mecca  Thruway
- Chief Cable  OFPC
State Agency Working Group Meeting – October 15\textsuperscript{th}, 2018

Review Notes from discussion:
• Use of National Interop Channels – Which bands and who is listening?
• VHF is Common to most Agencies
• Statewide Radio – Not currently available
• Statewide CAD – NYSP is installing a common CAD across their Dispatch locations, Thruway and DOT Operations Centers
• NYSP State-wide Channel, as well as Car-to-Car
• Form the Sub-group to work on what steps we can take short term and long term.
State Agency Sub-Working Group

November 7th meeting

- Come up with something in the short-term to support the “State Lead” with situational awareness of what agencies are on scene or responding in an effort to support state agency coordination
- NYSP Management may most likely be the initial “State Lead” but may transition to other senior management
- Develop a simple process to support initial communications using available methods of communications: i.e. radio, cell, NYSP dispatch, etc.
- Distribution, training and Exercise
Rapid Deployment

Purpose: To provide guidance in establishing State Agency communications and coordination at the scene of a rapidly developing incident involving numerous state agencies. While life safety is the number one priority during any emergency event, establishing effective coordination of deploying resources is key to eliminating duplication of efforts and miscommunications. This template is intended to assist the **State Lead** with establishing the initial communications plan to enable effective coordination of state resources.

Operation Deployment: Under most circumstances, the New York State Police will be one of the most identifiable state personnel early on-scene of a rapidly developing emergency situation. The highest ranking local state police office will need to become the **State Lead** for responding state agency resources. This template is intended to guide responding state agency assets in how to gain situational awareness and establish contact with the on-scene **State Lead**. This process and the channels identified have been vetted by each agency.

The State Police Coordination point contact information is identified by map on the back side of this form.

Any regional channels are also identified on the back side of this form by color coding.

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<th>STATE AGENCY INCIDENT RADIO COMMUNICATIONS PLAN</th>
<th>Incident Name</th>
<th>Rapid Event</th>
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</thead>
<tbody>
<tr>
<td><strong>#</strong></td>
<td><strong>Function</strong></td>
<td><strong>Channel Name</strong></td>
</tr>
<tr>
<td>1</td>
<td>DFPC Operations</td>
<td>DHSES OFPC OPS</td>
</tr>
<tr>
<td>2</td>
<td>OEM Operations</td>
<td>DHSES OEM OPS</td>
</tr>
<tr>
<td>3</td>
<td>DOT Ops</td>
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</tr>
<tr>
<td>4</td>
<td>NYSP</td>
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</tr>
<tr>
<td>5</td>
<td>NYSDEC</td>
<td>NYSDEC</td>
</tr>
<tr>
<td>6</td>
<td>NYS Parks</td>
<td>NYS Parks OPS</td>
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<tr>
<td>7</td>
<td>Special OPS</td>
<td>Agency Name</td>
</tr>
<tr>
<td>8</td>
<td>Interop (open)</td>
<td>Interop as Assigned</td>
</tr>
<tr>
<td>9</td>
<td>Zone Coordination Center</td>
<td>Zone Dispatch Center</td>
</tr>
</tbody>
</table>
State Agency Sub-Working Group
November 7th

- Discussed sample comm document at length
- Protocol for transfer of “State Lead”
- Further discussion of using NYSP CAD at their sites for coordination, they will need to identify
- Further discussion of using NYSP State-wide channel, NYSP to identify
- Each agency to revise their initial operations channels and identify by area/region/zone to be identified on the back of the Rapid Comm Plan
- All agencies to send initial info to Mike to assimilate and make available for next meeting
- Next meeting/webinar Wednesday November 14th at 10:30 AM, same call info
State Agency Sub-Working Group

- Discussion Following the Review
- Feedback received
- DEC has basically 2 systems, LE & Admin. Lots of Tower freqs and some car to car. All listed as conservation.
- Question about IO channel use near borders, these are limited to 5W or less and mobile/portable use. We could use them on an emergency basis and them migrate off if there is an issue.
- NYSP are still reviewing Statewide and Car to car channels for use with other agencies. Looking at developing an MOU to cover non LE agencies having these channels programmed.
- Parks has programmed Parks Ops, Park Police, Tac, SP C-C and statewide, also Marine. Question was posed which marine channels and any protocol?
- Thruway channels??
- Next meeting/webinar Wednesday November 21st? at 10:30 AM, same call info
State Agency Sub-Working Group

• Next Steps
• NYSP to continue research on Statewide and Car to car usage
• NYSP will also develop contact info for troops dispatch locations
• OIEC will ID 2 IO channels
• Parks will identify Marine channel protocols
• DEC will continue to research channels on their network
State of New York as the legal entity:

§ 90.421 Operation of mobile station units not under the control of the licensee.
Mobile stations, as defined in § 90.7, include vehicular-mounted and hand-held units. Such units may be operated by persons other than the licensee, as provided for below, when necessary for the licensee to meet its requirements in connection with the activities for which it is licensed. If the number of such units, together with units operated by the licensee, exceeds the number of mobile units authorized to the licensee, license modification is required. The licensee is responsible for taking necessary precautions to prevent unauthorized operation of such units not under its control.

(a) Public Safety Pool.

(1) Mobile units licensed in the Public Safety Pool may be installed in any vehicle which in an emergency would require cooperation and coordination with the licensee, and in any vehicle used in the performance, under contract, of official activities of the licensee. This provision does not permit the installation of radio units in non-emergency vehicles that are not performing governmental functions under contract but with which the licensee might wish to communicate.

(2) Mobile units licensed under § 90.20(a)(2)(iii) may be installed in a vehicle or be hand-carried for use by any person with whom cooperation or coordinations is required for medical services activities.

(3) On the Interoperability Channels in the 700 MHz Public Safety Band (See § 90.531(b)(1)), hand-held and vehicular transmitters may be operated by any licensee holding a license in the 700 MHz Public Safety Band or by any licensee holding a license for any other public safety frequency pursuant to part 90 of the Commission’s rules. Therefore, individual licenses are not required for hand-held and vehicular transmitters in the 700 MHz Band.
State Agency Communications Plan

Rapid Deployment

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<th>Date prepared</th>
<th>Time prepared</th>
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<tr>
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<td>Function</td>
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<tr>
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State Agency Sub-Working Group  
11/21/18

- Change of Format for 205? Adjusted Line 1 and 2 to reflect the main interop channel to be assigned and the NYSP communications center that will be assigned
- Channels To assign: We reviewed the FCC reg 90.421 and coupled with the VTL and an opinion that this would be consistent with the intent of initial NYSP emergency operations. NYSP are running by their counsel. Also discussed assigning VTAC 12 statewide to this effort. Discussed impact on use above Line A. Still consistent with treaty operations if only during initial stages if an incident.
- NYSP Communications Centers to assign: Lt. Morris is working on developing the map to place on back of form
- Design of back of form: Reviewing other information sent by DEC and DOT
- Next steps: Continue research, Will report at the SIEC Board meeting next week.
- Next meeting: When more details have come together, schedule a final draft meeting.
Channel Naming and Use Working Group

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

• 700 MHz Encrypted Interop Channel
  – Pick a channel from one of the 700 IO’s
  – How to handle the encryption?
    • Standard key? – but who will maintain and distribute
    • Use the Federal keys?
    • Tactically key on a per event basis (event IO)?
Citizen Alerting Committee

Presented by Michael A. Sprague, Director, Office of Interoperable & Emergency Communications, Chair, SIEC Board
Feasibility Study of Streaming EAS Alerts

- In October of 2017, the New York State Legislature passed, and the Governor signed, legislation requiring the Public Service Commission (PSC), working with the Division of Homeland Security and Emergency Services (DHSES), to conduct a study into the feasibility of transmitting emergency alerts to the public using streaming video services.

- While there are several possible solution paths, none have been implemented anywhere in the United States to date.

- The federal government is also studying this issue and it has recommended to work collaboratively with NYS and conduct a joint pilot effort with the affected industries utilizing the Federal Emergency Management Agency’s (FEMA) existing Integrated Public Alert and Warning System (IPAWS) system.

- The Report will go before the DPC on December 17, 2018.
New Business

Presented by
Michael A. Sprague,
Director, Office of Interoperable
& Emergency Communications,
Chair, SIEC Board
Summary, Closing Remarks and Adjournment

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