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
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>
</tr>
<tr>
<td>Round 2 (SICG)</td>
<td>2011-2013</td>
<td>102 million</td>
<td>101.7 million</td>
<td>02/04/2013 – 02/03/2018</td>
</tr>
<tr>
<td>Round 2 (2012 PSAP)</td>
<td>2011-2012</td>
<td>9 million</td>
<td>9 million</td>
<td>05/01/2013 – 04/30/2017</td>
</tr>
<tr>
<td>Round 2 (2013 PSAP)</td>
<td>2012-2013</td>
<td>9 Million</td>
<td>8.9 million</td>
<td>06/25/2014 – 06/24/2017</td>
</tr>
<tr>
<td>Round 3 SICG</td>
<td>2013-2014</td>
<td>75 million</td>
<td>75 million</td>
<td>12/03/2013 – 06/30/2019</td>
</tr>
<tr>
<td>Round 4 SICG</td>
<td>2014-2015</td>
<td>50 million</td>
<td>33.6 million</td>
<td>01/01/2016 – 12/31/2019</td>
</tr>
<tr>
<td>2016 SICG Formula</td>
<td>2015-2016</td>
<td>45 million</td>
<td>34.1 million</td>
<td>01/01/2017 – 12/31/2019</td>
</tr>
<tr>
<td>2017 SICG Formula</td>
<td>2016-2017</td>
<td>45 million</td>
<td>17.2 million</td>
<td>01/01/2018 – 12/31/2019</td>
</tr>
<tr>
<td>2018 SICG Formula</td>
<td>2017-2018</td>
<td>45 million</td>
<td>4 million</td>
<td>01/01/2019 – 12/31/2020</td>
</tr>
<tr>
<td>2019 SICG Formula</td>
<td>2019-2020</td>
<td>45 million</td>
<td>-</td>
<td>01/01/2020 – 12/31/2021</td>
</tr>
</tbody>
</table>
## SICG Program Overview (Continued)

<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>2016-17 PSAP Operations</td>
<td>2016-2017</td>
<td>10 million</td>
<td>10 million</td>
<td>01/01/2017 – 12/31/2017</td>
</tr>
<tr>
<td>2017-18 PSAP Operations</td>
<td>2017-2018</td>
<td>10 million</td>
<td>10 million</td>
<td>01/01/2018 – 12/31/2018</td>
</tr>
<tr>
<td>2018-19 PSAP Operations</td>
<td>2018-2019</td>
<td>10 million</td>
<td><strong>6.3 million</strong></td>
<td>01/01/2019 – <strong>12/31/2019</strong></td>
</tr>
</tbody>
</table>
SICG Program Overview (Continued)

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Appropriation Year</th>
<th>Appropriation Amount $$</th>
<th>Reimbursed $$</th>
<th>Project Period</th>
</tr>
</thead>
</table>

2018 SICG Targeted Grant: announced $32,640,405 in **Phase 1** of the award process.

**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 – Awards announced, County submitting their budgets for contract development
- 2019-20 PSAP Operations Grant – Awards announced. No spending
- 2019 SICG Targeted – RFA First Quarter 2020

**TOTAL $537.6 million in grants**

*Please visit [www.dhses.ny.gov/oiec/grants](http://www.dhses.ny.gov/oiec/grants) for additional information*
Statistics

✓ 39 counties monitoring National Interoperability CALLing channels

✓ National CALLing and TACTical Interoperability channels are installed on 311 towers across NY

✓ 75% of Counties utilize SICG-Formula grant for upgrades of CPE (Customer Premise Equipment) in their PSAPs

✓ 34 counties have operational Text-to-911 services (6 more from last year)

✓ Interoperability Repeaters MUST be OFF when not in use!
Standing Committee Reports

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

Presented by
A. Wesley Jones,
Committee Chair
NG 9-1-1 Working Group

Presented by Brett Chellis, Deputy Director, Office of Interoperable and Emergency Communications, State 911 Coordinator
NG911 Activities to date:

- Established NG911 Working Group
- Developed Federal partnership with DHS CISA ECD
- Attended National NG911 conferences
- Multiple In-person working group sessions
- Regular working group calls
- NG911 Draft Plan
  - Framework developed
  - Stakeholder input and review
  - Amendments, updates
  - Present for Exec Review
- PSAP data collection process underway
PSAP Data Collection

• Data on all 176 PSAP’s will be collected.
• Information will be obtained through the County 911 Coordinator.
  – Primary PSAP’s
  – Secondary PSAP’s
  – Backup PSAP’s
  – Tertiary PSAP’s
PSAP Data Collection

• Purpose
  – While the First Draft of the State NG911 Plan is in executive review, the NG911 WG wishes to begin the data collection necessary to establish information that will be useful in the RFI/RFP process should be granted the approval to move forward with the plan in concept.
PSAP Data Collection

• Sample Elements to be Collected
  – PSAP name, AHJ, and Contact Info
  – Existing 911 Provider, Selective Router Locations
  – Existing Physical Environment for Equipment
  – Call Handling Equipment- # Positions, Make, Model, # CAMA Trunks,
  – Call Volumes- 911, “Admin”, outbound, text….
  – Current Text to 911 System
  – Current CAD System- Provider, Release, etc
PSAP Data Collection

• Timetable
  – Brief Consortium Chairs at C3 meeting 2/12
  – Brief 911 Coordinators at Symposium/911 Coordinators meeting in March
  – Data Collection Period
  – Data Review and Compilation
NENA NG911 STANDARDS & BEST PRACTICES CONFERENCE

**FUNCTIONAL**
- The NG9-1-1 Guide for 9-1-1 Authorities: An Overview
- New Functionality in the NG9-1-1 PSAP
- Making Peer Support the Standard of Care
- Social-Media Requests for Emergency Service
- Telephone CPR Document Development
- Make the EIDO Work for You & Your Center
- Helping Suicidal Callers While Enhancing Dispatcher Mental-Health Resources
- Managing & Measuring Incident Processing Workshop
- NG9-1-1 Impacts on Every Position in the PSAP
- Redefining Staffing Needs for NG9-1-1
- Beyond Location: Trends in Additional Emergency Data
- Real-Time Text Education & Training
- Improving 9-1-1 I s External-Notification Processes

**TECHNICAL**
- i3: What’s New & What’s Next?
- Virtual TERT, the Cloud, & What’s Next for Disaster Response & Recovery
- End-to-End Next Generation Emergency Services: What Does It Look Like?
- Emergency Incident Data Object Technical Workshop
- NG9-1-1 Cybersecurity Roundtable
- Mitigating Caller-Information Spoofing
- Managing & Monitoring NG9-1-1 Failure Points
- Updating SMS Text-to-9-1-1 Resources

**GIS**
- Understanding & Using NENA I s GIS Data Model
- Geo-Spatial Routing: Tools for Transition
- Caller Location Information: Updates, Issues, & Best Practices
- GIS Data Stewardship: PSAP & Emergency-Service Boundaries
- Building GIS Road Centerlines for NG9-1-1
- Forest Guide: The Root of Discovery & Routing for NG9-1-1
- The Dark Side of NG9-1-1 GIS-Data Prep Work
GIS Subcommittee Report

Gerald A. Engstrom Jr., AICP
New York State Police County CAD and GIS Program Manager
Office of Information Technology Services – GIS Program Office
Public Safety Broadband User Group

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

• State held a WebEx meeting of the Public Safety Broadband User Group (PSBBUG) on January 29th. Topics discussed included:
  • OIEC’s observations from various events
  • Lessons learned
  • Discussion of requests and after actions for deployables/events
  • Nationwide and New York specific updates from AT&T
  • First Responder Network Authority update, provided by Dave Cook
  • Updated information from Verizon Wireless
  • Open Discussion on projects and experiences from counties and agencies
State Agency Communications Working Group

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

• Last Meeting November 15, 2019
• Rapid Deployment Plan – Finalized document
• Distribution of Radio Channel Use Agreements
  – Status
• Training
• Exercise
Citizen Alerting Committee

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

- Next Meeting – February 26th 2020
- NYSOEM Conducting monthly testing
- November Alerting Authorities faced challenges, some alerting software providers were not prepared and many COGs did not receive & install their Demo/Training certificates
- Primary contact done by email which presented issues
- Notifications for November went out December 18th
- December we saw 667 COGs with successful Proficiency Demos
- Reminder that effective November 2019 all COGs are required to conduct monthly tests
COGs & MOAs

• MOAs and digital certificates are good for three years.
• While a COG remains in active status, while updating an MOA digital certs it absolutely stops working on the expiration date.
• Many COGs were initially approved in 2015 requiring replacement of expiring digital certs to maintain COG operational status.
IPAWS Updates

“As a result of FCC rules, the following improvements are now available:

• Geographic Accuracy: Wireless providers that participate in Wireless Emergency Alerts must deliver the messages to the area specified by the alert originator with no more than a 1/10 of a mile overshoot, as opposed to the prior “best approximation” standard.

• Longer Messages & Better Reach: Wireless Emergency Alerts will accommodate longer messages—an increase from 90 to 360 characters—and messages in Spanish.

• New Alert Type: There is a new class of alerts (“Public Safety Messages”) for officials to convey recommendations for saving lives or property, such as the location of emergency shelters after a disaster.

• Better Testing: Emergency managers can now conduct state and local Wireless Emergency Alert tests that reach only consumers who choose to participate, and these tests do not require a waiver from the FCC.”

• February 6th, 2020 From NWS: “The length and language of the message received on a particular device will be dependent on the wireless network and the language setting of the device. NWS does not control this process or outcome. Messages will be up to 360 characters on 4G LTE networks and beyond. WEA message length will continue to be a maximum of 90 characters on 3G and earlier networks”
February 5, 2020

New Business

Presented by
Michael A. Sprague,
Director, Office of Interoperable & Emergency Communications,
Chair, SIEC Board
Interoperability Network IP Addressing Plan
Overview

- Provide guidelines for IP addressing for Public Safety Communications system to promote and support interoperability (System-of-Systems)
  - Prevents IP address conflict
  - Enable interoperability at the system level
Revision Summary

- Easy-to-read format and reorganization
- Clarified details for WAN addressing
- Provided guidelines for external connections
- Added cybersecurity considerations
- Reflects IP addressing at the “edge” or just off the network. Does not impact subscribers, MDTs, county PCs, etc.
- Designated OIEC as centralized coordinating agency*
  * Subject to SIEC Board approval
Centralized Coordination?

Who? – OIEC
What? – Provides coordination of IP addresses for use by County Public Safety Communications systems (Librarian Project)
Why? – Prevent IP address conflicts to promote easier system-to-system interoperability
How? – Administering the IP address plan and maintain a centralized database of applicable communication system information
Next Steps? – OIEC to develop a Network IP Guidance Document and seek Board input
Other New Business

- Annual Report
- Next Meeting Date – April 29, 2020
Summary, Closing Remarks and Adjournment

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