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

State Interoperable & Emergency Communication Board Meeting

January 31, 2017

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 30, 2016 Meeting

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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,

NG 9-1-1 Working Group

Presented by
Brett Chellis, Deputy
Director, OIEC

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Technical Assistance Services

- Working group and OIEC have been working with OEC TA contractors on language for a draft New York State NG 9-1-1 plan.

Draft Vision Statement

Enhance and expand 9-1-1 services in New York State by developing a collaborative framework necessary to facilitate the funding, building, and sustainable operation of an IP-based NG 9-1-1 System using NG Core Services to protect human life and property, and to maintain public safety.

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March 4, 2015

Draft Vision statement con't.

1. The envisioned system will leverage current and future communication technologies to meet and exceed the public's expectations and needs.

2. The NG 9-1-1 System will provide the public with uninterrupted, efficient, effective, and equitable access to request emergency services via multiple types and forms of communication.

3. The NG 9-1-1 System will provide interoperability and fail over between and among PSAPs and other ESINets at the regional, state and Federal level.

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Draft Vision Statement con't.

4. The Emergency Services IP Network (or ESINet) will be standards-based, with open architecture, and will comply with the NENA i3 Standard.

5. The ESINet will serve as a network of networks, and will be adaptable, flexible, scalable, secure and accessible, with robust infrastructure to support all system and network requirements.

March 4, 2015

Draft Vision Statement con't.

6. The build-out of the NG 9-1-1 System and the migration of the state's Public Safety Answering Points (PSAPs) to NG 9-1-1 capability will be a cooperative and collaborative effort among all stakeholders.

7. The NG 9-1-1 System will help establish the foundation for taking New York State's 9-1-1 capabilities to the next level by assuring that all New York State PSAPs achieve a minimum standard level of service statewide.

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Legal Review

- DHSES and DPS Legal teams are working on drafting regulations in their respective areas to facilitate the move from E 9-1-1 to NG 9-1-1 taking into consideration the constant evolvement of technology.

March 4, 2015

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Meeting with ITS

- ## Discussed collaborative working relationship with DHSES and ITS on NG 9-1-1 project
  - ### GIS SAMS Project
  - ### Statewide inventory of fiber and other connectivity
  - ### Networking expertise

March 4, 2015

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Presentations by vendors

- 1/12/17 Airbus presentation in Rochester to Finger Lakes Communications Consortium
  - Airbus has gotten tariff approval for CLEC status
  - Conducted similar presentations downstate
- 1/25/17 AT&T/West presentation in Steuben County
- Both companies are presenting on NG 9-1-1 solutions and services available to counties, regions, and states

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Communications and Interoperability Working Group

Presented by
Jay Kopstein, Michael Allen and Eric Day, Co-Chairs

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Public Safety Broadband Working Group

Presented by
Matthew Delaney, Radio
Engineer, OIEC

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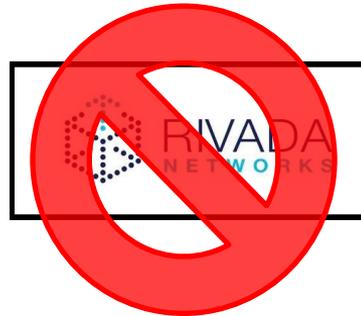
Public Safety Broadband WG

- Met on January 12th via WebEx
- 26 attendees on the bridge
- Provided updates on FirstNet procurement and State evaluation plan

- Next meeting date is TBD – dependent on FirstNet award

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RFP/Selection Update

- Statement of Objectives Criteria
- 3 bids submitted (based on media reports)
- November 1st target delayed
- FirstNet eliminated pdvWireless, Rivada Mercury

January 19, 2017

RFP/Selection Update

- Rivada team filed complaint that they were unfairly eliminated from competition

- AT&T *appears* to be on track for award, pending the outcome of the legal case

- DOI agreed to hold off award until March 1; allow time for legal review

- FirstNet continues prep for implementation phase

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FirstNet's Implementation Roadmap

Mar 2017 ~~Nov 2016~~ – Selection & Award

Jul ? ~~May 2017~~ – Release Draft State Plans

Sep ~~Aug 2017~~ – Release Final State Plans

Dec ~~Nov 2017~~ – Governor's decision

Sep 2018 ~~Aug 2018~~ – Implementation milestone #1

2022 – Last build milestone

Note → Negotiated milestones may still be different

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NYS's Evaluation Plan

- Draft State Plan
  - <u>Expect</u> opportunity to review, comment, request revision
- Final State Plan
  - Thorough evaluation
- Evaluation Goals
  - Executive Summary
  - Pros/Cons
  - Areas for improvement
  - Opt-In/Out recommendation
- How will NYS's State Plan be evaluated?

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NYS's Evaluation Plan

- 15 Topics of Interest to NYS
- Create small SME teams to review and evaluate each Topic of Interest
- DHSES/NYSTEC will:
  - facilitate each team's evaluation effort
  - author report based on team input

  Note: This is an evaluation, NOT a procurement review
- Regional Town Hall Meetings planned
- Support the effort!

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State Agency Communications Working Group

Presented by
Brett Chellis, Deputy Director, OIEC

January 19th meeting

- Good representation of state agencies in attendance.

- Good collaboration on identifying areas where agencies can work together to address challenges of interoperability in LMR and CAD Systems.

Channel Naming and Use Working Group

Presented by
Toby Dusha/Matthew
Delaney, Radio
Engineers, OIEC

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EMS Guideline Revision

- Revised EMS Channel Naming Guideline to:
  - Add 155.205 as NYMED205.
  - Include CTCSS (PL) for TRANSMIT…to be consistent with the recommended channel loading guideline (which was issued later). Still carrier squelch for receive, but this could pave the way for a future receive CTCSS if needed.
  - Further clarified that these channels are often licensed for non-EMS use. (That is completely legal and within FCC rules.)
  - Updated letterhead and formatting.
  - Overall, these are minor revisions. EMS Channel Naming was one of the first guidelines issued.

- Request resolution to recommend issuance of the updated guideline.

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Citizen Alerting Committee

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

Citizen Alerting Committee

- Initial Organizational Meeting: January 25th 2017
- Discussed Potential Membership – FEMA, Broadcasters, NWS, Cable, State Agencies, County Representation, City Representation, NGOs
- Schedule first meeting of the full group: March 9th 2017
- Potential Agenda Items:
    - o   New Committee Format
    - o   IPAWS Update
    - o   IPAWS Training
    - o   IPAWS Laboratory / Exercise
- Next Steps

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PSAP and SICG Grant Updates

Presented by
Larissa Guedko, Radio
Engineer, OIEC

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SICG and PSAP Spending Overview

Over $295 millions in awards since 2010

- Round 2 (SFY 2011-12 and 2012-13)-Appropriation $120 Million
  - Per statutory amendments in 2011
    - ✓ $102 Million dedicated for further development of statewide interoperable communications for public safety – SICG (Statewide Interoperable Communications Grant) - **$82.8 million reimbursed**
    - ✓ $9 Million (PSAP 2012) dedicated for proposals related to Public Safety Answering Points (PSAP) operations – PSAP 2012 Grant - **$8.7 million reimbursed**
    - ✓ $9 Million PSAP 2013 Grant - **$7.7 million reimbursed**

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SICG and PSAP Spending Overview

- Round 3 (SFY 2013-14)-Appropriation $75 Million
  - ✓ **$50.5 million reimbursed**
- 2014-15 PSAP Operations Grant $10 Million
  - ✓ **CLOSED with $9.95 million in reimbursements**
- Round 4 (SFY 2014-15)-Appropriation $50 Million
  - ✓ **$4.8 million reimbursed**
- 2015-16 PSAP Operations Grant $10 Million
  - ✓ **CLOSED $6.7 million reimbursed (continue accepting vouchers)**
- 2016-17 PSAP Operations Grant $10 Million
  - ✓ **30 Contracts executed, 22 pending county signatures, 7 pending State approval**
- 2016 SICG-Formula Grant $45 Million
  - ✓ **Applications are in the review process**

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SICG and PSAP Grant Periods

Round 1 SICG (2010)   ENDED
Round 2 SICG (2011-12)   02/04/2013 – 02/03/2017
Round 3 SICG (2013)   12/03/2013 – 12/02/2017
Round 4 SICG (2014)   01/01/2016 – 12/31/2017

2012 PSAP Consolidation & Sustainment   05/01/2013 – 04/30/2017
2013 PSAP Consolidation & Sustainment   06/25/2014 – 06/24/2017

2015-16 PSAP Operations Grant   01/01/2016 – 12/31/2016
2016-17 PSAP Operations Grant   01/01/2017 – 12/31/2017

NO EXTENSIONS

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Non-Federal National Interoperability Channels

- Governed by the FCC rules 47 C.F.R. Part 90.427 (Precautions against unauthorized operation) and 90.417 (Interstation communication related to imminent safety-of-life).
- Fixed base stations must be licensed for ALL National Interoperability channels.
- Non-Federal Interoperability Channels VCALL10-VTAC14, VTAC33-VTAC38, UCALL40-UCALL43D, 8CALL90-8TAC94D, 7CALL, 7TAC, 7GTAC, 7LAW, 7FIRE, 7MED - can operate on subscriber equipment (mobile, portable) without an individual license. Covered by the FCC "blanket authorization" – licensed by rule.
- LLAW, LFIRE – must be licensed to operate on subscriber equipment. Not covered by the FCC "blanket authorization" – licensed by rule.

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Common Channels

- Common channels are not National Interoperability channels and not governed by the same FCC rules.

- Fixed base stations must be licensed for ALL common channels.

- **Common Channels:** VMED, VFIRE, VLAW, VSAR - must be licensed to operate on subscriber equipment. Not covered by the FCC "blanket authorization".

- **NYS Common Channels**: NYFIRE, NYLAW1, NYMED - must be licensed to operate on subscriber equipment. Not covered by the FCC "blanket authorization".

New Business

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

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2017 Consortium Symposium

- Planned for March 21 – 23, 2017
- Agenda Topics
  - Day 1: Overview of Key Issues and Topics
    - FirstNet, State Plan Review, Consortium Reports and Mutualink
  - Day 2: CASM,SICG, Interop operations statewide, Deployment and use of Federal Interop Channels, NG 9-1-1, IPAWS training, Report out on CASM
  - Day 3: Line A Issues

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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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