



Homeland Security
and Emergency Services

State Interoperable & Emergency Communication (SIEC) Board Meeting

November 28, 2018

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

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	99.7 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	70 million	12/03/2013 – 06/30/2019*
Round 4 SICG	2014-2015	50 million	26.1 million	01/01/2016 – 12/31/2019*
2016 SICG Formula	2015-2016	45 million	12.7 million	01/01/2017 – 12/31/2019*
2017 SICG Formula	2016-2017	45 million	2.9 million	01/01/2018 – 12/31/2019
2018 SICG Formula	2017-2018	45 million	0 million	01/01/2019 – 12/31/2020



SICG Program Overview (Continued)

Program Name	Appropriation Year	Appropriation Amount \$\$	Reimbursed \$\$	Project Period
2014-15 PSAP Operations	2014-2015	10 million	10 million	01/01/2015 – 12/31/2015
2015-16 PSAP Operations	2015-2016	10 million	10 million	01/01/2016 – 12/31/2016
2016-17 PSAP Operations	2016-2017	10 million	9.8 million	01/01/2017 – 12/31/2017
2017-18 PSAP Operations	2017-2018	10 million	5.7 million	01/01/2018 – 12/31/2018
2018-19 PSAP Operations	2018-2019	10 million	0 million	01/01/2019 – 12/31/2019

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.dhses.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**



Standing Committee Reports

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



911 Advisory Committee

Presented by
Sheriff Joseph Gerace,
Chautauqua County



Homeland Security
and Emergency Services

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

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.

Communications and Interoperability Working Group

Presented by
**Jay Kopstein and Eric
Day**, Co-Chairs



COMU Program

Communications Technician (COMT)

- o DHSES staff and employees of Suffolk County recently completed COMT class
- o DHSES will begin the process of credentialing COMTs in 2019, and follow the same process as we did with credentialing of COMLs
- o 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)

- o DHSES-OIEC continues to credential COMLs across New York State, which currently stands at 37 “State Recognized” COMLs in New York State
- o 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
- o The next scheduled COMU meeting is scheduled for February 27 – March 1, 2019, and will include more hands-on work
- o 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



PSBBUG

- Public Safety Broadband User Group (PSBBUG) 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 15th, 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.

Communication Map:

STATE AGENCY INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name	Date prepared						Time prepared:	
			Rapid Event								
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	NorW	RX Tone/NAC	TX Freq	NorW	TX Tone/NAC	Mode	Remarks
1	OFPC Operations		DHSES OFPC OPS							A	Search & Rescue
2	OEM Operations		DHSES OEM OPS							A	Coordination, Situational Updates
3	DOT Ops		DOT Operations							A	Debris Clearance, Traffic, Detour Management
5	NYSP		NYSP OPS								Rescue Ops, Scene Management
6	NYSDEC		NYSDEC							A	Rescue Ops, Haz Mat Control
7	NYS Parks		NYS Parks OPS							A	Rescue Ops, Park Evac
8	Special OPS		Agency Name							A	Direct Operations
4	Interop (open)		Interop as Assigned							A	As needed
4	Zone Coordination Center		Zone Dispatch Center							A	Radio or Cell as required

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.
- NYS SP 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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STATE AGENCY INCIDENT RADIO COMMUNICATIONS PLAN

Incident Name

Date prepared

Time prepared:

Rapid Event

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9	Special OPS		Agency Name							A	Direct Operations

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



**NEW YORK STATE
COMPREHENSIVE EMERGENCY
MANAGEMENT PLAN (CEMP)**

NYS Public Warning Annex



**Prepared by the New York State
Disaster Preparedness Commission**

October 2018

NYS Public Warning Annex
Finalized October 31, 2018



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

2019

January

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February

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August

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September

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October

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November

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December

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Holidays & Observances

Jan 01	New Year's Day
Jan 21	Martin Luther King Day
Feb 05	Chinese New Year
Feb 12	Lincoln's Birthday
Feb 14	Valentine's Day
Feb 18	President's Day
Mar 06	Ash Wednesday
Mar 10	Daylight Saving (begin)
Mar 17	St. Patrick's Day
Mar 20	Vernal equinox
Apr 01	April Fool's Day
Apr 20	Passover
Apr 21	Easter
Apr 24	Admin Assistants Day
May 06	Ramadan begins
May 12	Mother's Day
May 27	Memorial Day
Jun 09	Pentecost
Jun 14	Flag Day
Jun 16	Father's Day
Jun 21	June Solstice
Jul 04	Independence Day
Sep 02	Labor Day
Sep 23	Autumnal equinox
Sep 30	Rosh Hashanah
Oct 14	Columbus Day
Oct 31	Halloween
Nov 03	Daylight Saving (end)
Nov 11	Veterans Day
Nov 28	Thanksgiving
Dec 22	Hanukkah begins
Dec 22	December Solstice
Dec 25	Christmas Day
Dec 26	Kwanzaa begins
Dec 31	New Year's Eve



Summary, Closing Remarks and Adjournment

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