



Homeland Security
and Emergency Services

State Interoperable & Emergency Communication (SIEC) Board Meeting

October 28, 2020

Welcome and Opening Remarks

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



Roll Call

Approval of Minutes

Approval of Agenda

Virtual Meeting Process

Roll Call

Approval of Minutes from
August 5, 2020 Meeting

Approval of Agenda for
October 28, 2020



Recognition of Dominic A. Dagostino

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



Dominic A. Dagostino

- Started out with the Rotterdam Police Department in 1989 and retired in 2009
- Since 2010 Sheriff of Schenectady County
- Appointed to SIEC Board on May 14, 2018
- Resigned his post by letter dated September 24, 2020





**Homeland Security
and Emergency Services**

**Interoperable and
Emergency Communications**

Certificate of Appreciation

Awarded by

The State Interoperable & Emergency Communication Board

to

Dominic A. Dagostino

We thank and recognize your passion for public safety issues and your years of dedication. We have all benefited from your service to improve and enhance interoperable communications and 911 initiatives in New York State through your membership on the State Interoperable & Emergency Communication Board.

28 October 2020

A handwritten signature in blue ink, appearing to read "Michael A. Sprague", written over a horizontal line.

Michael A. Sprague
SIEC Board Chair



**Homeland Security
and Emergency Services**

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



Homeland Security
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NG 9-1-1 Working Group

Presented by
Brett Chellis, Deputy
Director, Office of
Interoperable and
Emergency
Communications,
State 911 Coordinator



NG911 Activity

- Executive review of plan ongoing
- OIEC, along with NYSTEC has continued data collection and research efforts
 - Answer questions from executive staff
 - Compile data needed for RFP development.
- Dialog with stakeholders ongoing
- GIS Subcommittee actively working PSAP boundaries and developing system for statewide GIS layer development and maintenance moving forward

Next Steps

- Resume NG911 WG calls in November
- Continue dialog with executives to move the plan forward.
- Continue stakeholder engagement and finetuning of plan
- Work with DPS on a draft framework addressing regulatory needs relative to 911 service delivery
- Continue dialog with NYC on their project status and interoperability needs.



CIWG

Presented by
Jay Kopstein,
Committee Chair

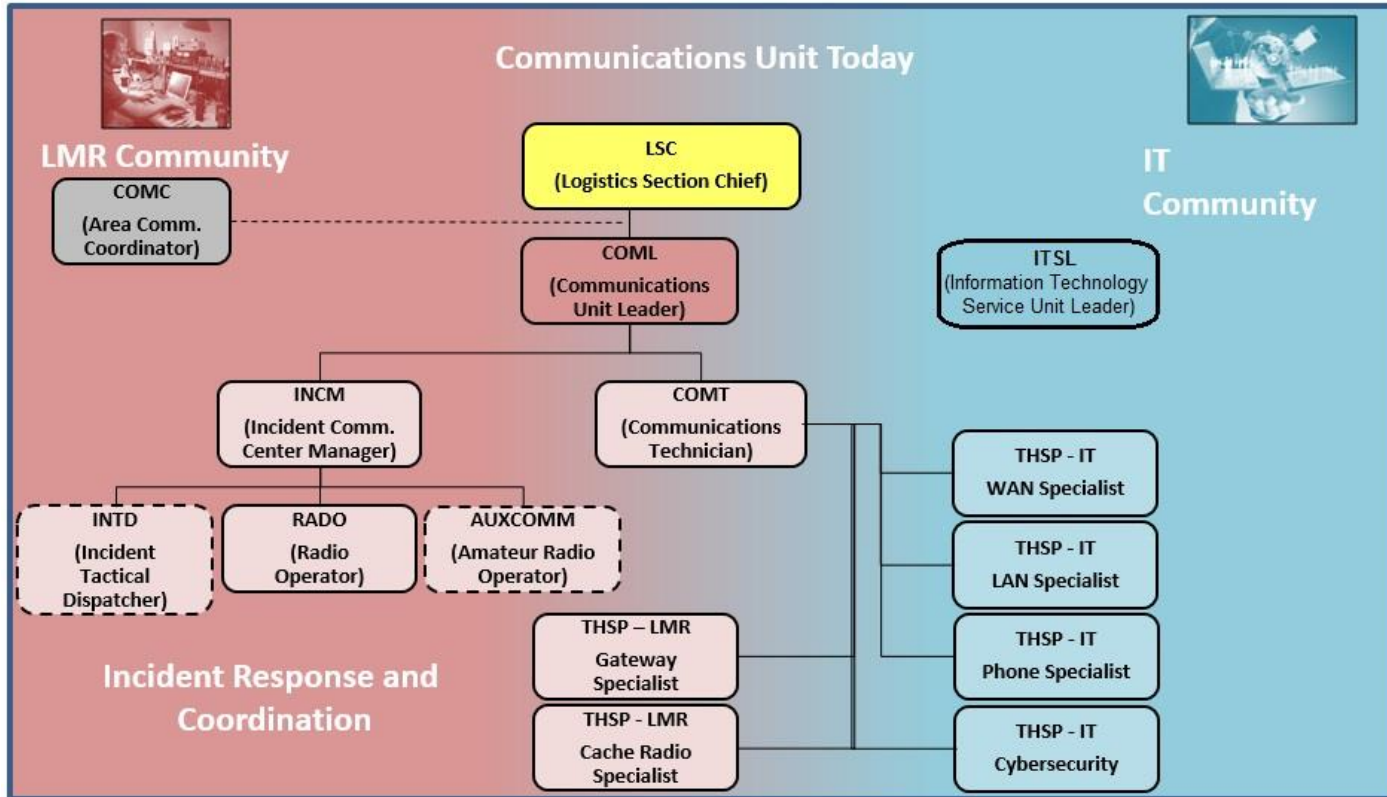
October 28, 2020

Communications Unit (COMU) Program

Mark Balistreri
Radio Engineer
DHSES-OIEC



Homeland Security
and Emergency Services



NY State Communications Unit (COMU) Credentialed Personnel (Statewide)

ICS Position	2017	2018	2019	2020 (Through 7/31/20)	No Longer SR	Total
COML	1	36	16	3	2	54
COML (Instructors)	0	0	12	0	0	12
INCM	0	0	0	3	0	3
COMT	0	0	3	25	0	28
COMT (Instructors)	0	0	8	0	0	8
INTD	0	0	0	2	0	2
RADO	0	0	0	1	0	1
AUXCOMM	0	0	15	0	0	15
AUXCOMM (Instructors)	0	0	0	0	0	0
ITSL	0	0	0	0	0	0
Totals	1	36	54	34	<2>	123



NY State Communications Unit (COMU) Trained Personnel (2018 – 2020)

ICS Position	2018	2019	2020 (Through 7/31/20)	2020 Postponed	2020 Upcoming	Total Trained
COML	0	59	0	30	0	59
COML TtT	0	12	0	0	0	12
INCM	0	0	20	0	0	20
COMT	16	16	16	15	15	64
COMT TtT	0	8	0	10	0	8
INTD	0	20	0	20	0	20
RADO	0	0	0	20	0	0
AUXCOMM	0	0	0	50	0	0
AUXCOMM TtT	0	0	0	0	0	0
ITSL	0	15	0	0	0	15
Totals	16	122	36	161	15	224**

**Note: A COMU Exercise Workshop was held 3/10/20 – 3/12/20 with 26 COMU Personnel trained on how to create their own COMU Exercise



NY State Communications Unit (COMU)
2020 Training
(Postponed Due To COVID-19)

4/14/20 – 4/16/20 (COML Course) – SPTC

4/27/20 – 5/1/20 (COMT TtT Course) - SPTC

5/18/20 – 5/22/20 (COMT Course) – Westchester

6/9/20 – 6/11/20 (RADO Course) – SPTC

7/21/20 – 7/23/20 (AUXCOMM Course) – SPTC

9/19/20 – 9/28/20 (INTD Course) - SPTC

10/20/20 – 10/21/20 (AUXCOMM Course) – SPTC



NY State Communications Unit (COMU) 2020 Training - (Upcoming)

TBD (COMT Course)

12/8/20 – 12/10/20 (COMU Instructor Meeting) – Virtual

Note: The COMT Courses in November will a first of a kind hybrid course.

2 Days Virtual, 3 Days In-Person



Highlights

- OIEC is not sure what future training courses will look like, and will be working with CISA-ECD on this

Examples

- 1) Back to Normal
- 2) Virtual Training
- 3) Combination of Virtual & In-Person



Highlights

- OIEC is planning to re-start the COMU program with the COMT Course in November, however, this is fluid
- OIECs 2021 COMU Plan will begin by offering the courses that were postponed, due to COVID-19, first, and then continue on with our five (5) year COMU Plan



Questions ?

If you do have questions or need assistance later on:

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Joann Waidelich
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Joann.Waidelich@dhses.ny.gov



Public Safety Broadband User Group

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



Virtual Sessions

- OIEC worked with AT&T FirstNet to develop a series of virtual sessions to share more information on FirstNet.
- Two sessions are held each month...with identical topics...for scheduling flexibility.
- September topics included the Global Network Operations Center (GNOC), security and FirstNet deployables.
- October topics include AT&T strategy, High Power User Equipment (HPUE), FirstNet Mission Critical Services.
- Not too late to register for the 2nd October session...TOMORROW October 29th.
- November/December topics and dates will be announced soon.



HPUE

- High Power User Equipment (HPUE) is a unique option for AT&T FirstNet's Band 14.
- FCC rules for Band 14 allow higher power subscriber units on Band 14...higher power compared to normal cellular devices/bands.
- 1.25 watts *maximum* power, which is several times a standard cellular device. Cell site tells the radio if it needs to increase transmit power up to that maximum.
- A mobile router with vehicle mounted antenna and HPUE where Band 14 is available can make a significant improvement in coverage, especially uplink (talkback). Device can stay attached further and have higher upload speeds.
- Designed for mobile/stationary uses. Portable devices (e.g. phones) are tricky due to higher power consumption and RF exposure limits. But could be used to create a Wi-Fi coverage "bubble" for portable users.



COVID-19 Support

- Cellular carriers continue to support COVID-19 sites
- Deployable assets where needed (down from the beginning, as networks and use were optimized)
- Numerous OIEC and ITS Cradlepoint routers and other devices in use to provide connectivity.



Channel Naming and Use Working Group

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



IO Channel Notification

- National Interoperability Channels are still in use across the State, supporting COVID-19.
- Preferred use is Direct (simplex) wherever possible. This keeps the foot print small and improves the re-use opportunity.
- As always, notification to the CT Listserv (email reflector) is mandatory when activating the National Interoperability Channels, regardless of use.
- REPEATERS OFF WHEN NOT IN USE.



State Agency Communications Working Group

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



State Agency Working Group

- Virtual Meeting – Friday October 15 @ 11:00AM
- Parks:
 - Discussed deployment of RMS to cars & counties via NetMotion/OneNet
 - Working on Radio Comms to keep pace with County deployments
- DOT:
 - Has acquired a number of AM Broadcast units for deployment
 - Kenwood Low-band radio replacement project
 - Integrated Incident Management Pilot system in Central NY area – connected via Cellular
- ITS:
 - Supporting test sites and moving infrastructure in preparation for winter operations
- DEC Police:
 - Converting to a new phone system from Verizon that supports virtual operations
 - Working on a updated version of RMS customized from Parks System
 - Radio Upgrade Project – replacement for their Motobridge system, beyond support
- DHSES:
 - Network IP Guidance



State Agency Working Group

- Virtual Meeting – Other Items Discussed
 - 4.9 GHz FCC ruling & proposals
 - Rapid Deployment Plan – Delayed due to COVID
 - Agency Training
 - Exercise
 - Budget Impacts

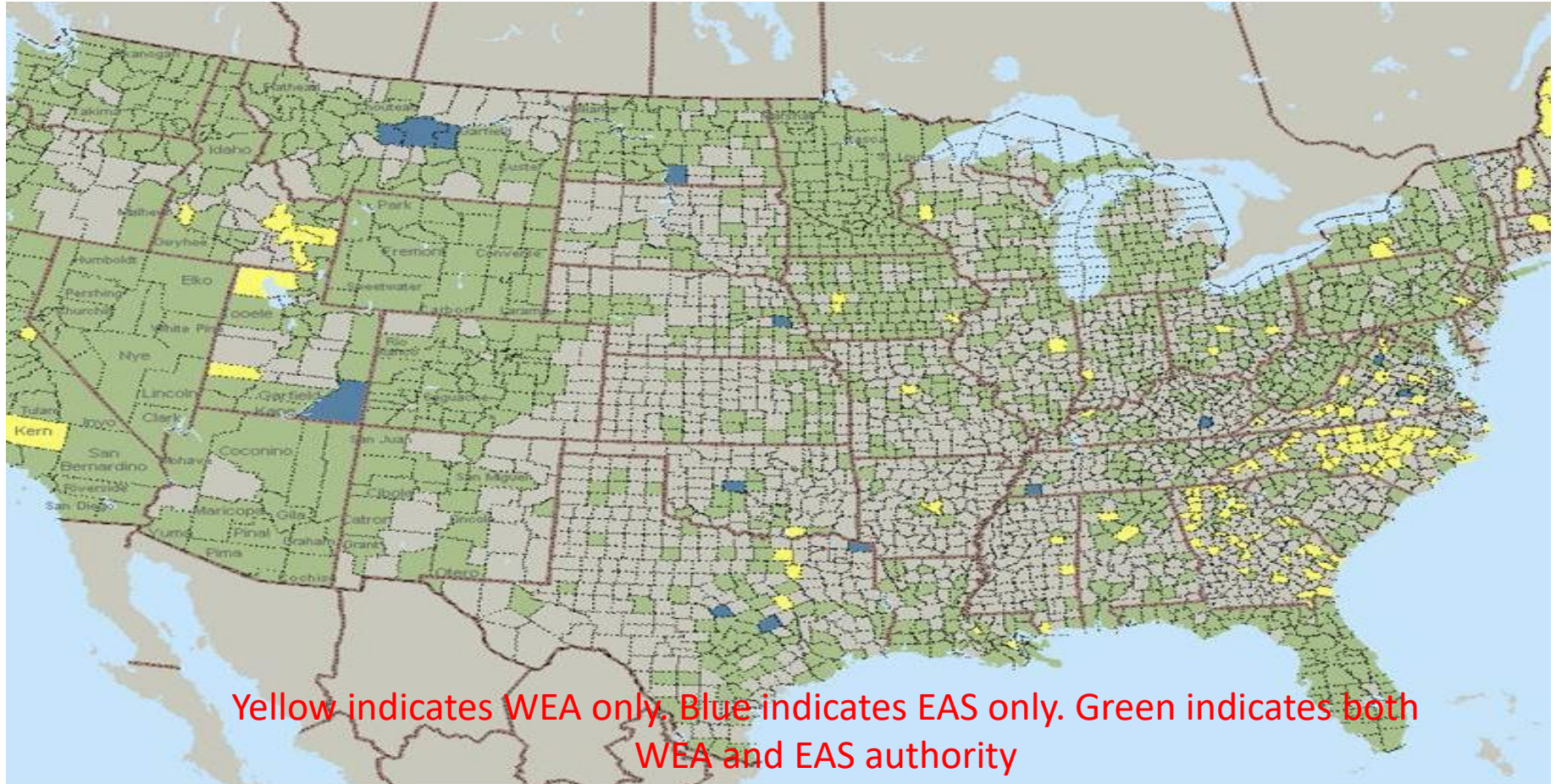


Citizen Alerting Committee

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



Counties/County Equivalents with Local IPAWS Alerting Authority as of October 1, 2020



Non-Weather Emergency Messages

- During 2021, National Weather Service (NWS) offices will implement a new capability allowing Non-Weather Emergency Messages (NWEMs) to be channeled from IPAWS to NWS for broadcast over NOAA Weather Radio (NWR). This capability is a replacement to the discontinued HazCollect program.
- NWS plans to conduct live testing of the new capability with select IPAWS COGs in October and November of 2020. Operational rollout is expected during the first half of 2021. The final step of operational rollout requires local configuration of systems at each local NWS Weather Forecast Office (WFO) so exact dates for operations will be determined by each WFO.
- Once testing is complete, we will provide more information about when National Weather Service offices will enable 24/7 operation and alerting authorities can expect their valid NWEM to be delivered over NWR. 09/20/20



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 - CLOSED
Round 2 (SICG)	2011-2013	102 million	101.7 million	02/04/2013 – 02/03/2018 - CLOSED
Round 2 (2012 PSAP)	2011-2012	9 million	9 million	05/01/2013 – 04/30/2017 - CLOSED
Round 2 (2013 PSAP)	2012-2013	9 Million	8.9 million	06/25/2014 – 06/24/2017 - CLOSED
Round 3 SICG	2013-2014	75 million	75 million	12/03/2013 – 06/30/2019 - CLOSED
Round 4 SICG	2014-2015	50 million	41 million	01/01/2016 – 12/31/2021
2016 SICG Formula	2015-2016	45 million	41 million	01/01/2017 – 12/31/2020
2017 SICG Formula	2016-2017	45 million	32 million	01/01/2018 – 12/31/2020
2018 SICG Formula	2017-2018	45 million	16.2 million	01/01/2019 – 12/31/2021
2019 SICG Formula	2019-2020	45 million	2.7 million	01/01/2020 – 12/31/2022



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 - CLOSED
2015-16 PSAP Operations	2015-2016	10 million	10 million	01/01/2016 – 12/31/2016 - CLOSED
2016-17 PSAP Operations	2016-2017	10 million	10 million	01/01/2017 – 12/31/2017 - CLOSED
2017-18 PSAP Operations	2017-2018	10 million	10 million	01/01/2018 – 12/31/2018 - CLOSED
2018-19 PSAP Operations	2018-2019	10 million	9.5 million	01/01/2019 – 12/31/2019 – CLOSED, accepting vouchers
2019-20 PSAP Operations	2019-2020	10 million	4.2 million	01/01/2020 – 12/31/2020



SICG Program Overview (Continued)

Program Name	Appropriation Year	Appropriation Amount \$\$	Reimbursed \$\$	Project Period
2018 SICG-Targeted	2015-2019	65 million	8.8 million	11/28/2018 – 11/28/2022

2018 SICG Targeted Grant: announced \$32,640,405 in Phase 1 of the award process. Phase 2 of awards will be announced, pending Div. of Budget and Governor's office approvals.

Anticipated RFAs Schedule for 2020:

PSAP Operations Grant - *pending Div. of Budget approval*

SICG Formula Grant – *Unknown*

SICG Targeted Grant – *Unknown*



SICG Program Overview

- ✓ 2020 SICG Formula – RFA prepared, posting time unknown
- ✓ 2020-21 PSAP Operations Grant – RFA prepared, posting time unknown
- ✓ 2020 SICG Targeted – RFA prepared, posting time unknown

TOTAL \$538 million in grants

Please visit www.dhses.ny.gov/oiec/grants for additional information

Eligible grant expenses are being reimbursed.
Please submit your vouchers!



New Business

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





Homeland Security
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Interoperability Network IP Addressing Plan



October 28, 2020

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





**Homeland Security
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Dates for SIEC Board 2021 Meetings



October 28, 2020

Possible Meeting Dates for 2021



- February 3, 2021
- May 5, 2021
- August 4, 2021
- October 27, 2021



**Homeland Security
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2021 Symposium



October 28, 2020

Summary, Closing Remarks and Adjournment

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

