



# **Statewide Interoperable & Emergency Communications Board Meeting**

**Albany, New York  
June 27, 2012**



# *Welcome*

## **Jerome M. Hauer**

*Commissioner*

*NYS Division of Homeland Security &  
Emergency Services*



# *Statewide Interoperable Communications Grant Round 2*

**Robert M. Barbato**

*Statewide Interoperability Coordinator*

*Director, NYS Office of Interoperable and  
Emergency Communications*



# *Statewide Interoperability Communications Grant*

- Available funding - \$36 million
  - Large-scale systems and infrastructure
  - Expansion of consortiums, SOP development
  - Subsequent phases of projects previously supported
- Maximum award is \$6 million per application
- Only one application per county



# *SICG Components*

- Improve interoperable communications through developing, expanding or consolidating large-scale, regionally-focused LMR systems for public safety use among two or more counties supporting multi-jurisdictional and multi-discipline, including State agencies
- Improve Governance structure, Develop Standard Operating Procedures (SOPs), TICPs, Strengthen Training and Exercise Programs to promote efficient interregional communications, interoperability, cooperation and overall first responder readiness



# *SICG Webinar*

- May 23, 2012
- 65 phones dialed in
- Numerous participants
- Opportunity to view information and ask questions



# *Application Content*

- Tier I – General Eligibility Criteria (“yes” or “no”)
- Tier II – Global Project Criteria

Section #	Tier II Evaluation Criteria	Section Weight (100%)
1	Project Narrative	4
2	Budget Information / Funding	20
3	Consortium or Regional Partnership Identification	15
4	Alignment To Grant Goals	5
5	Identification Of Level Of Involvement And Coordination With Other Jurisdictions and State Agencies	8
6	Project Outline, Implementation, And Consistency With Technology Concepts And Mandated Standards	5
7	Level Of Improvements In Interoperable Communications	20
8	Radio Spectrum, Frequencies And Licensing	8
9	Training And Exercises	5
10	Project Management	10



# *Important Dates*

- Grant Released – **May 16, 2012**
- Submission of Written Questions - **May 30, 2012**
- Request for Applications Updates - **June 6, 2012**
- Applications Due - **July 16, 2012 by 5:00 P.M.**
- Notice of Award - **On or Before August 30, 2012**



# *Adirondack Regional Interoperable Communications Consortium*

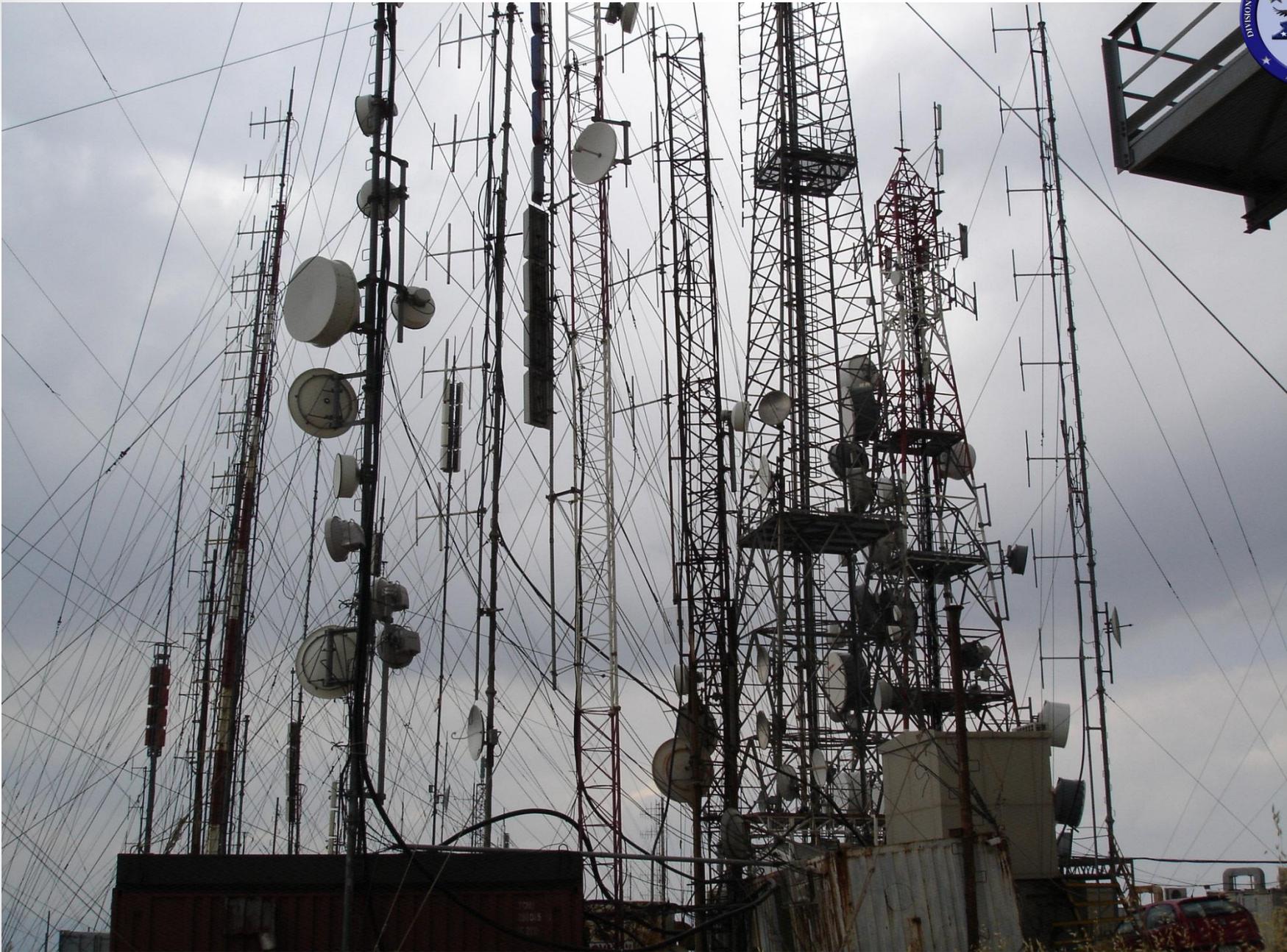
**Brian LaFlure**

*Director*

*Warren County Office of  
Emergency Management*





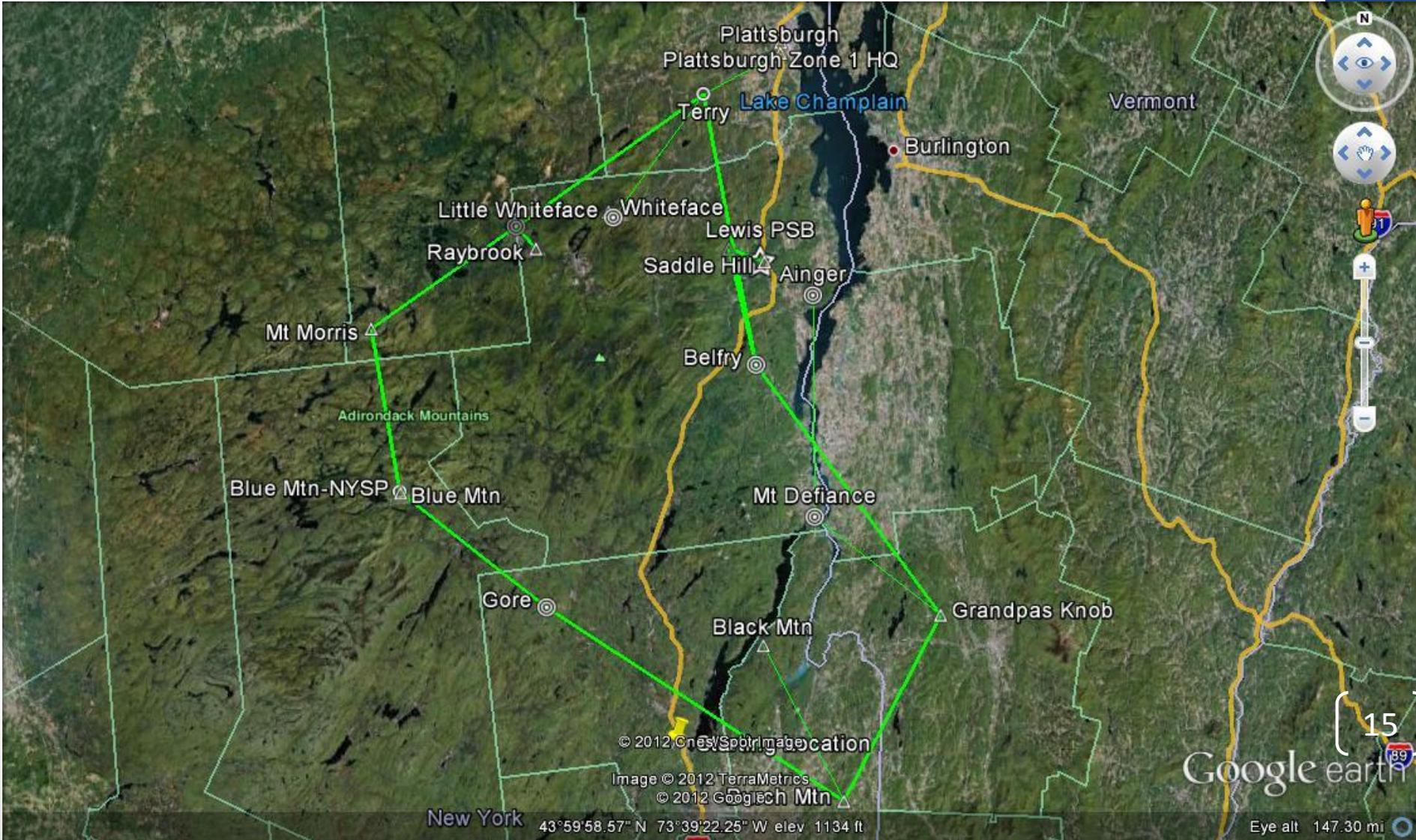






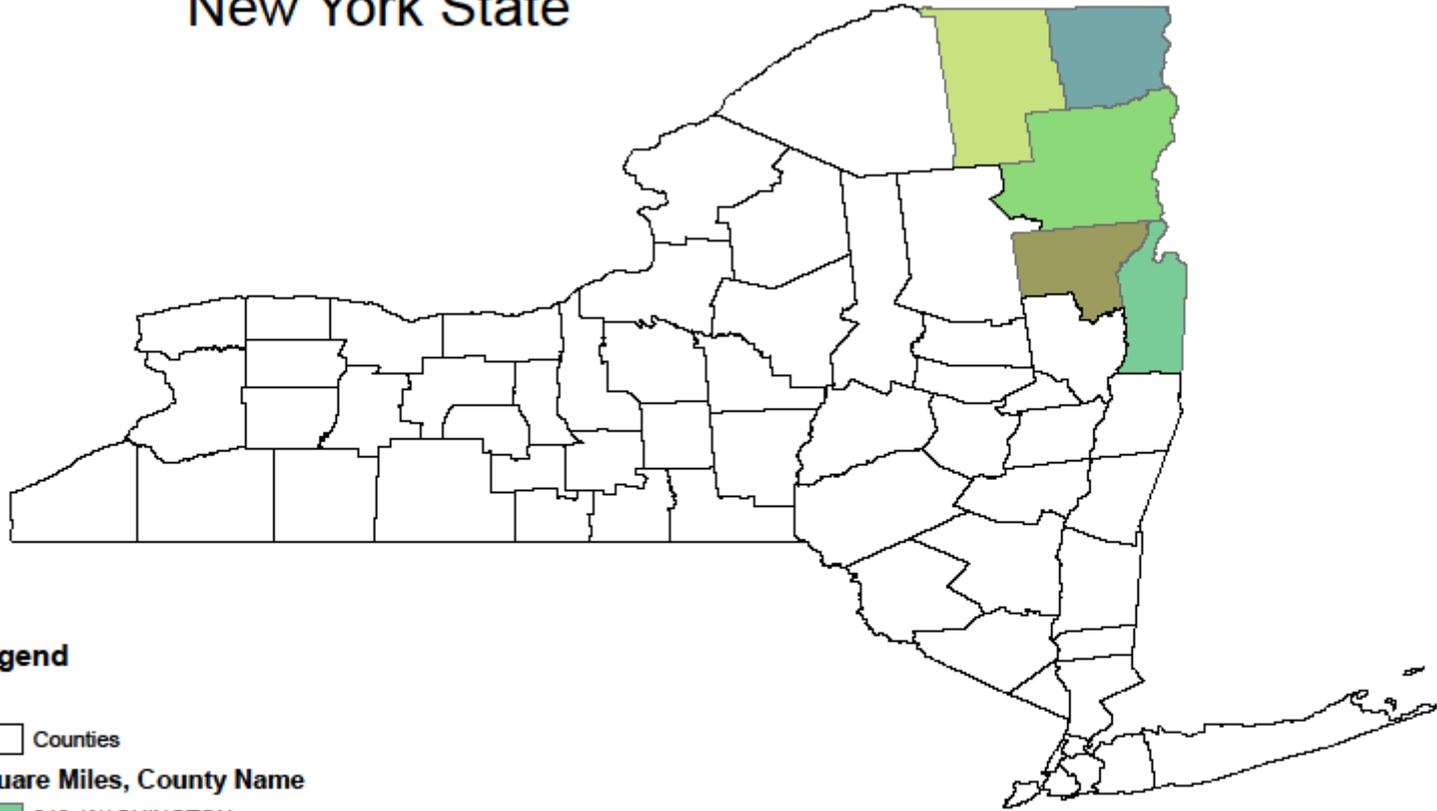
# Adirondack Regional Interoperable Communications Consortium

This is guide to seek agreements from nine counties for the sole purposes of developing a common communications network and obtain the funding to support it.





# New York State



## Legend

 Counties

### Square Miles, County Name

 846, WASHINGTON

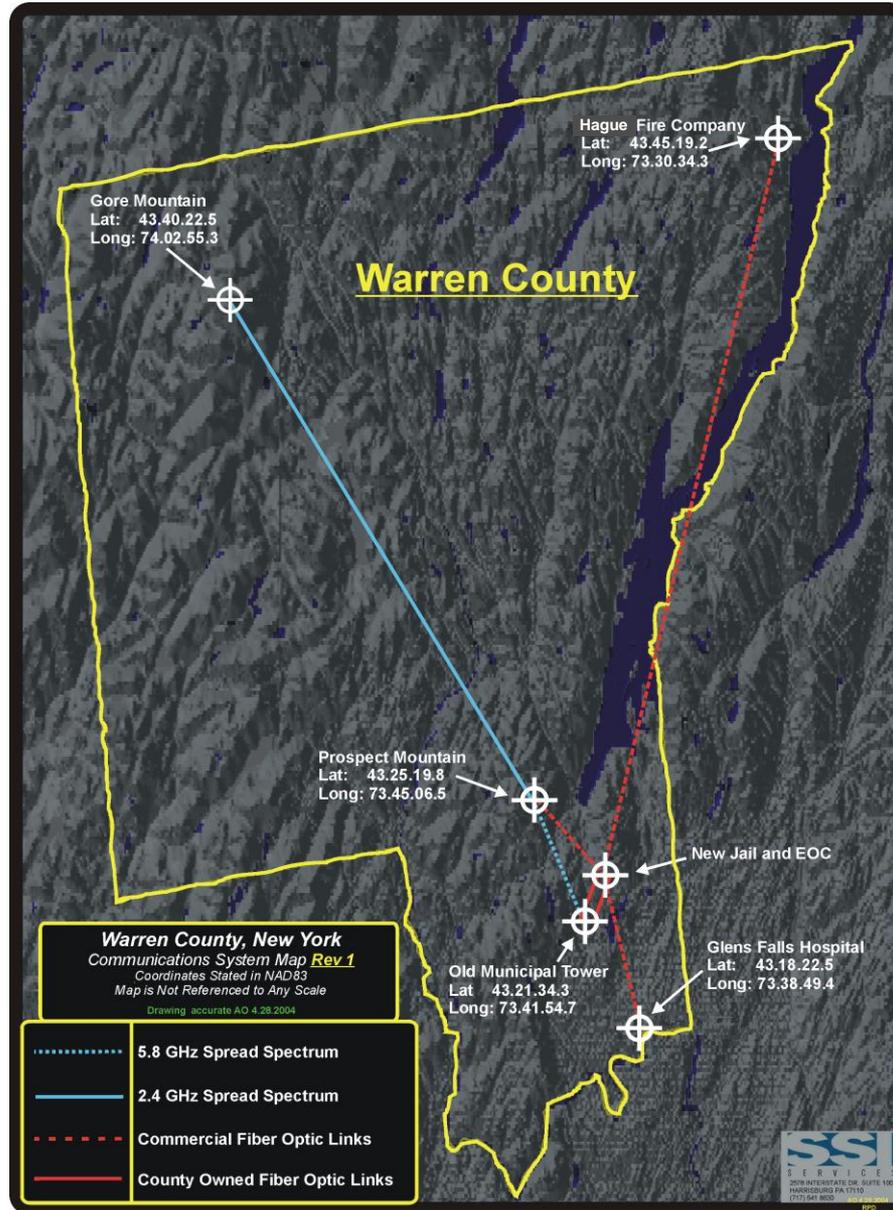
 932, WARREN

 1118, CLINTON

 1697, FRANKLIN

 1916, ESSEX







**WARREN COUNTY TOWER USAGE PLAN**

**3  
Gore  
Mountain**

- 1 Fire Alert **154.175** (simulcast/voted)
- 2 WCSO 1 **154.725** (simulcast/voted)
- 3 WCSO Dispatch **159.090** (simulcast/voted)
- 4 Intra State **155.370** (simulcast/voted)
- 5 EMS-295 **155.295** (simulcast/voted)
- 6 Zetron Monitor
- 7 Fire Control repeater **151.025** simulcast/voted
- 8 MED 8/ALS **463.1750** (voted)
- 9 National Weather, ( audio & Pots line)
- 11 Semo, recvr. Only
- 12 Local Gov-aux recvr.(voted)

**4  
Hague  
Fire Co.**

- 1 Fire Alert **154.175** (simulcast/voted)
- 2 WCSO 1 **154.725** (simulcast/voted)
- 3 WCSO Dispatch **159.090** (simulcast/voted)
- 4 Intra State **155.370** (simulcast/voted)
- 5 EMS-295 **155.295** (simulcast/voted)
- 6 Zetron Monitor
- 7 Fire Control repeater **151.025** ( simulc )
- 8 MED 8/ALS **463.1750** (voted)
- 9 Local Gov-DPW, aux. recv (voted)

**2.4 GHz  
Microwave**

10 — ○

**Fiber Optic**

\*\*\* Red indicates non-Warren Co. Units

\*\*\*Green indicates Warren Co. Units not in Service contract

- 1 Fire Alert **154.175** (simulcast/voted)
- 2 WCSO 1 **154.725** (simulcast/voted)
- 3 WCSO Dispatch **159.090** (simulcast/voted)
- 4 Intra State **155.370** (simulcast/voted)
- 5 EMS-295 **155.295** (simulcast/voted)
- 6 Zetron Monitor
- 7 Fire Control **151.025** simulca: t/voted)
- 8 Local Gov - DPW Main-(voted)
- 9 Inter County Fire **45.88**
- 10 Civil Defense **45.56** (SEMO)
- 11 Local Gov - DPW Back-up
- 12 Fire Alert 154.175, high pow er, bac kup, rptr.
- 13 WCSO Car to Car, simplex
- 14 WCSO 1, Back-up Repeater
- 15 Wash. County Alert
- 16 Wash. County Fire Cntl.
- 17 Wash. County Trk./Trk.
- 18 Saratoga North Creek RR
- 19 FBI 1&2
- 20 RACES,ARES VHF,UHF,220
- 21 low band Interop base
- 22 VHF-hi Interop base
- 23 UHF Interop base
- 24 800 Interop base
- 25 U.S. Coast Guard rptr.

**2  
Prospect  
Mountain**

**Fiber Optic**

26 — ○

**PSB,  
Jail &  
EOC**

- Receiver Voters
- 1 MED 8/ALS **463.1750** (voted)
- 2 EMS 400 (715,340, 280)
- 2 G.F.P.D. control station

**5.8 GHz  
Microwave  
Back Up**

27 — ○

39 — ○

**Fiber Optic**

**5  
Glens  
Falls  
Hospital**

- 1 Fire Alert **154.175** (simulcast/voted)
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- 4 Intra State **155.370** (simulcast/voted)
- 5 EMS-295 **155.295** (simulcast/voted)
- 6 Zetron Monitor
- 7 Fire Control 1 **151.025** (simulcast/voted)
- 8 Local Gov - DPW Control Point
- 9 WCSO 1 Control Point
- 10 SEMO Endec
- 11 Warren County Jail Repeater@ PSB
- 12 PSB Maint. Repeater
- 13 Comm. Sup.CDM Base
- 14 Transport **159.1575**
- 15 Patrol Div. Base
- 16 Inv. Div. base
- 17 Comm. CDM Base
- 18 Fleet Maint. Base
- 19 bu/eoc CDM base
- 20 GGFTA rptr.

**1  
Back-up  
EOC**

- 1 Fire Alert **154.175** (simulcast/voted)
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- 20 GGFTA rptr.

VHF Radio uplink ----- ○

**Washington  
County  
Fire Control**

- 1 Warren County Alert
- 2 Warren County Fire Control
- 3 Fire Control
- 4 Wash Co. Alert





**Resolution No. 122**

**May 2, 2011**  
**Regular Board Meeting**

**RESOLUTION AUTHORIZING THE FORMATION AND  
EXECUTION OF A MEMORANDUM OF UNDERSTANDING  
WITH WASHINGTON, WARREN, FRANKLIN, CLINTON AND  
ESSEX COUNTIES TO FORM A CONSORTIUM FOR THE  
INTER-OPERABILITY OF A COMMUNICATIONS GRANT  
SUBJECT TO THE APPROVAL OF THE COUNTY ATTORNEY**

The following resolution was offered by Supervisor Malaney, who moved its adoption.

Upon the recommendation of the Public Safety Committee, with the approval of the Ways and Means Committee of this body, and the same appearing proper and necessary.

**WHEREAS**, the County of Essex and the Counties of Washington, Warren, Franklin and Clinton are desirous of entering into a Memorandum of Understanding for the purposes of forming a consortium for the inter-operability of a communications grant.

**BE IT RESOLVED**, that the Essex County Board of Supervisors hereby authorizes its Chairman and/or County Manager to form and execute the Memorandum of Understanding to be entered into by Washington, Warren, Franklin, Clinton and Essex Counties.

This resolution was seconded by Supervisor Dobie, and duly adopted upon a roll-call vote as follows:

<b>AYES:</b>	<b>2843</b>	<b>votes</b>
<b>NOES:</b>	<b>0</b>	<b>votes</b>
<b>ABSENT:</b>	<b>0</b>	<b>votes</b>



# *Adirondack Regional Interoperable Communications Consortium*

This is a concept paper to seek agreements from five counties for the sole purpose of developing a common communications network and obtain funding to support it.



**NYS Division of Homeland Security  
and Emergency Services  
Office of Interoperable and Emergency Communications**

**FY 2010-2011  
Statewide Interoperable Communications Grant**

**Request for Applications (RFA)**

**RFA Release Date: March 18, 2011**

**Questions Due: April 7, 2011**

**RFA Updates Posted: April 14, 2011**

**Applications Due: May 17, 2011**

**Applications should be submitted to:** Robert Barbato  
Deputy Director  
DHSES Office of Interoperable and  
Emergency Communications  
State Campus, Building 7A, Suite 710  
1220 Washington Avenue  
Albany, New York 12242



ESSEX COUNTY OFFICE OF EMERGENCY SERVICES

702 STOWERSVILLE ROAD, PO BOX 30  
LEWIS  
OFFICE 518-873-9000 FAX 518-873-8763

DONALD JAQUISH  
DIRECTOR/PLN COORDINATOR

MICHAEL BLAISE  
DEPUTY DIRECTOR/PLN COORDINATOR

WANDA WADE  
PRINCIPAL ACCOUNT CLERK

TIFFANY LEE  
SENIOR RECEPTIONIST

PATRICIA OSIEL  
SENIOR DATA COLLECTOR

LORI KILBURN  
DATA COLLECTOR

May 22, 2012

Charles White, Director of Communications  
New York State Police  
Building 22, State Campus  
1220 Washington Avenue  
Albany, New York 12226

Cynthia K. Oliver  
New York State Electric & Gas  
PO Box 3607  
Binghamton, New York 13902-3607

Re: Shared Microwave Network Agreement dated December 29, 2011 among Essex County, New York State Police and New York State Electric & Gas (the "Agreement")

Dear Ms. Oliver and Mr. White:

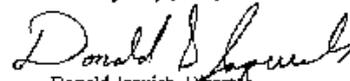
In furtherance of New York's Statewide Communications Interoperability Plan implementing the U.S. Department of Homeland Security's Public Safety Interoperable Communications Program, Essex County is actively planning a public safety communications consortium with the Counties of Clinton, Franklin, Hamilton, Saratoga, Warren and Washington (collectively, the "Consortium"). The primary goal of the Consortium is to add redundancy to each County's Emergency Communication/911 Centers, whereby if one center is disabled or destroyed, another center can take over on a limited basis and temporarily operate the failed County's public safety communications system.

Pursuant to Section 2 of the above-referenced Agreement, Essex County requests the consent of NYS Police and NYSEG to the Consortium's use of a portion of the continually available bandwidth allocated to Essex County under the Agreement. To indicate your consent, please have an authorized representative of your entity sign where indicated below and return this signed consent letter to me.

The parties acknowledge that this consent shall become effective and binding upon approval of the Agreement by the New York Office of the State Comptroller. This letter may be signed in counterpart.

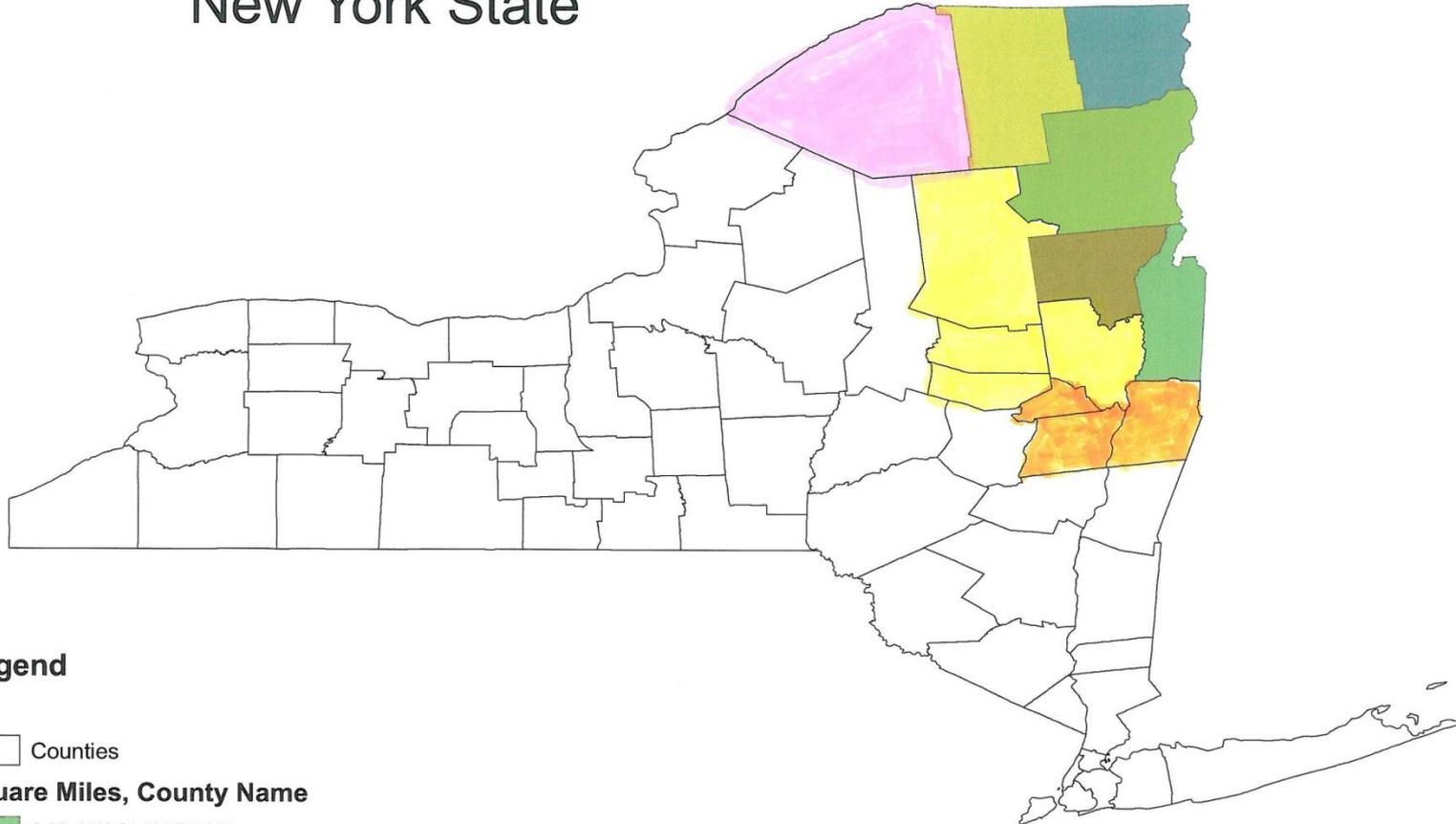
Thank you for your attention to this matter and please contact me with any questions or comments.

Very truly yours,

  
Donald Jaquish, Director  
Essex County Emergency Services



# New York State



## Legend

Counties

### Square Miles, County Name

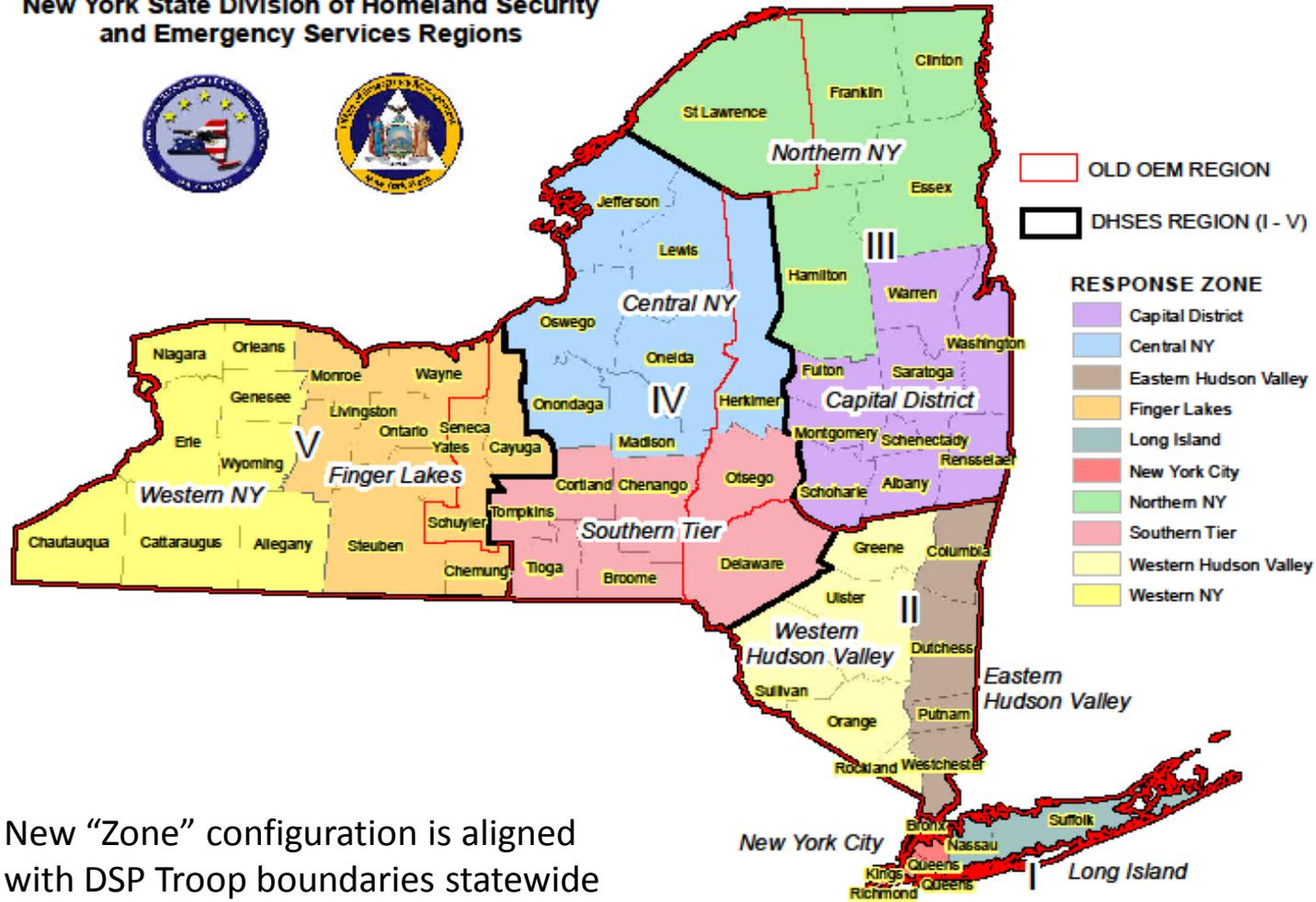
- 846, WASHINGTON
- 932, WARREN
- 1118, CLINTON
- 1697, FRANKLIN
- 1916, ESSEX

Saratoga, Hamilton, Fulton, Montgomery	Added Round 2
St. Lawrence	Projected Round 3
Albany, Schenectady, Rensselaer	Discussion only





### New York State Division of Homeland Security and Emergency Services Regions



New "Zone" configuration is aligned with DSP Troop boundaries statewide

4/26/2012



# What's Next or Needed?

# What Does OIEC need to do?



# *Interoperability Gateways*

**Matthew R. Delaney**

*Radio Engineer*

*NYS Office of Interoperable and  
Emergency Communications*



# *Gateways for the State*

- DHSES is exploring a concept for statewide interoperability
- The State would provide a gateway device and dispatch type gateway console to each county, State public safety dispatch and Federal partners
- Turn key approach – one vendor responsible for integration, installation and maintenance
- Based on successful models in other states, such as Florida, Georgia and Virginia



# *Purpose*

- Would tie existing radio systems together, for short term (incident) or longer term needs
- Link consortiums, State and counties, Federal partners
- Ties existing radio channels together (patch)
- Doesn't add radio system coverage, only connects existing systems



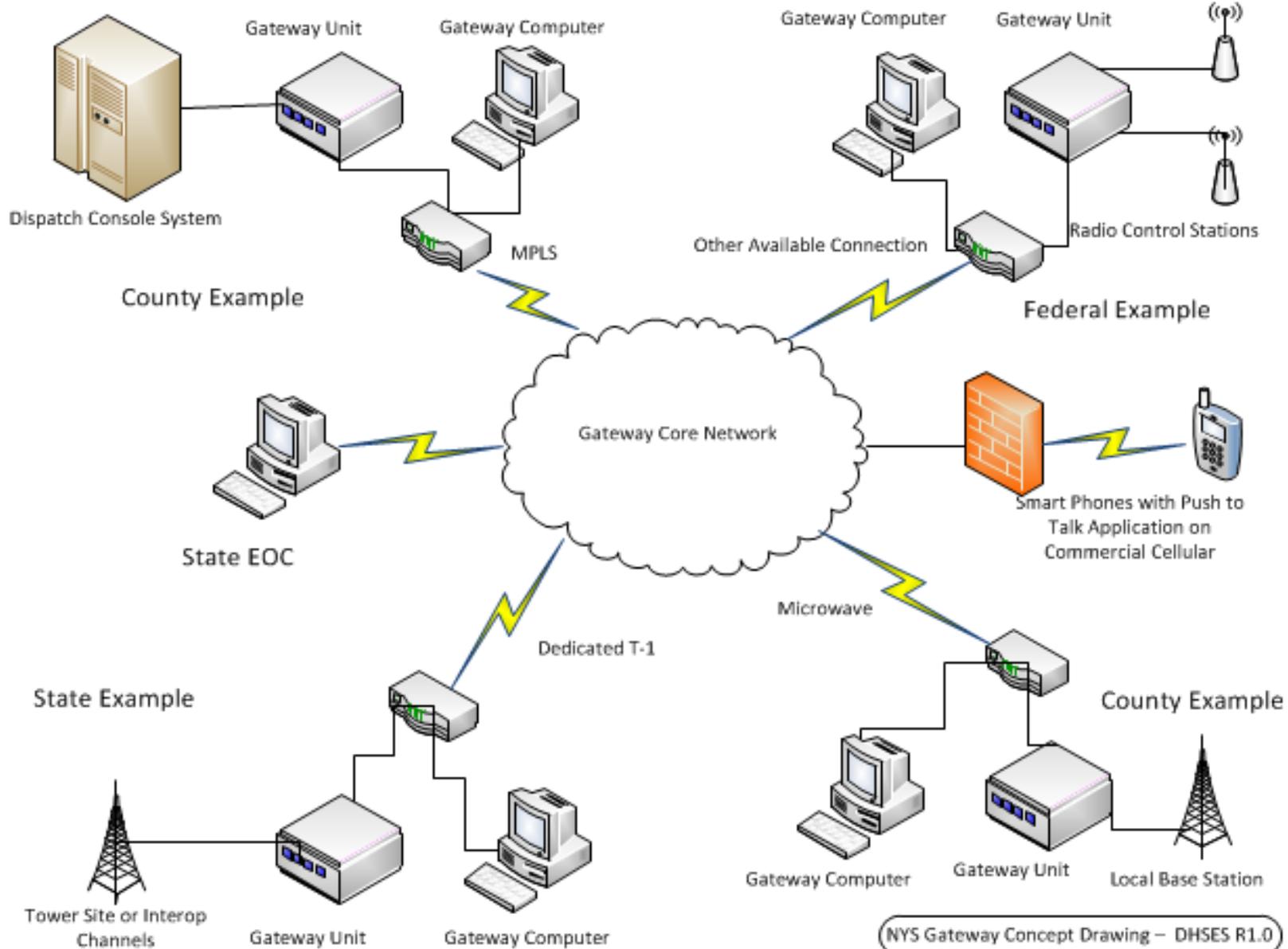
# *Implementation*

- The State would select a vendor from State Centralized Contract
- Scope of work generated
- Initial meeting would be held with each dispatch center
- Dispatch center would work with the State and vendor to select which channels would be integrated and how (console patch, direct connection, radio control station)
- Vendor would be responsible for technical design and integration of each site
- Would connect with existing deployed gateways – leverage what is already built

# *National Interoperability Channels*



- As part of the gateway system, the system would also provide the ability to integrate the National Interoperability Channels
- This could be existing installations (e.g. county consortium built) or
- Expansion of the gateway project could be to install new base stations and connect to gateways
- Interoperability channels would be available to any authorized dispatch center on the system



NYS Gateway Concept Drawing - DHSES R1.0

# *Additional Uses of the Gateway*



- Dispatch center conferences
- Hot-line
- Dedicated aircraft channels
- Cellular Push to Talk integration?



# *State Agency Communication Capabilities & Cooperative Planning*

**Matthew R. Delaney**

*Radio Engineer*

*NYS Office of Interoperable and  
Emergency Communications*

# *State Agency Radio Working Group*



- Several State agencies and authorities have come together to discuss mutual interests
- Many interests and challenges are common to multiple State agencies
- Forum to share those ideas and find efficient common solutions
- Create a unified voice for working with local governments
- Group will be expanding to include additional State radio users



# *State Radio Exercise*

- Multiple State agencies will be conducting a communications vehicle/equipment exercise in September
- Ensure that State users can work together with their communications assets and vehicles



# *Next Generation 9-1-1 & Consolidation of PSAPs*

**Larissa Guedko**

*Radio Engineer*

**Toby Dusha**

*Outreach Coordinator*

*NYS Office of Interoperable and Emergency Communications*



# *Next Generation 9-1-1*

## Definition

- The next evolutionary step in the development of today's voice-only 9-1-1 systems
- A system comprised of managed IP-based networks and elements that augment present-day E9-1-1 features with additional functions and new capabilities
- Intended to provide 9-1-1 access from multimedia sources



# *Next Generation 9-1-1*

## Development factors

- A highly standardized system is essential and critical to seamlessly supporting communications and data transfer across county, state, and international borders
- There will be numerous and varied steps to implement
- Will eventually replace the present E9-1-1 system
- There will be a multi-year transition to NG9-1-1



# *Next Generation 9-1-1*

## Current NYS Standards

- Enacted in 2003
- Authorized in County-Law, Article-6
- Title-21, Chapter LX, CRR

## These Standards Address:

- Education
- Training
- Staffing
- PSAP Facility
- Staffing,
- Equipment



# *Next Generation 9-1-1*

## Next Steps

- Wait for National Standards
  - NENA, FCC Technical and addressing standards currently being developed
- Monitor current development and activity
- Prepare to modify current NYS standards
  - Develop standards revision process



# *DHS/FEMA Funding Spent on Interoperable Communications by NYS Jurisdictions*

**Thomas Gallagher**

*Senior Administrative Asst.*

*NYS DHSES Federal Grants Program*

*Administration Unit*



## Communications Funding FY2006-FY2012

Fiscal Year	Grant Type	Communications Allocation	% of Total Funding
2006	SHSP/SLETPP	\$14,400,000	27%
2007	SHSP/SLETPP	\$6,000,000	9%
2007	PSIC	\$60,700,000	100%
2008	SHSP/SLETPP	\$12,100,000	19%
2008	IECPG	\$7,800,000	100%
2009	SHSP/SLETPP	\$13,000,000	14%
2009	IECPG	\$7,000,000	100%
2010	SHSP/SLETPP	\$12,150,000	13%
2010	IECPG	\$6,300,000	100%
2011	SHSP/SLETPP	\$7,000,000	9%
2012	SHSP/SLETPP	\$4,500,000	8%
<b>Total</b>		<b>\$150,950,000</b>	



# ***FEMA Information Bulletins 378 & 380***

- Grantees guidance on process to reprioritize and modify current projects/investments open under FY 2007-2011.
- Additional flexibility to accelerate the spending of remaining grant funds
- This includes all SHSP & IECGP funds
- Allows expenditures on general purpose equipment



# *FEMA Established Period of Performance*

- All FY 2007 grant funding must be spent by June 30, 2012.
- All FY 2008 & 2009 grant funding must be spent by September 30, 2012
- All FY 2010 funding must be spent by September 30, 2013
- All FY 2011 & FY 2012 funding must be spent by the end date cited on award agreement



# *FEMA Changes for FY 2012*

- Period of Performance limited to 24 months
- Extensions to period of performance are unlikely
- Grantees are able to use SHSP funding to sustain capabilities whether or not those capabilities were developed with federal funding
- Expect DHS Grant award no later than September 2012



# *Highlights of FY 2013*

## *Proposed President's Budget*

- **Creation of the National Preparedness Grant Program (NPGP)**
  - Consolidation of 16 preparedness grants into the NPGP
  - NPGP would not be subject to the 9/11 Act
  - Population-Driven Formula + Competitive Program
- **Focus on Expedited Grant Drawdowns**
- **Increased Flexibility for Grantees**
  - Personnel Cap Eliminated
  - Broader Definition of Maintenance/Sustainment Costs
- **Emphasis on Regionally and Nationally Deployable Assets and Capabilities**



# *Questions?*

For questions related to DHS/FEMA Funding Spent on Interoperable Communications by NYS Jurisdictions, please contact:

**Thomas Gallagher**

NYS Division of Homeland Security & Emergency Services

Federal Grants Program Administration Unit

1220 Washington Avenue, Building 7A

Albany, NY 12242

518-242-5107



# *Future Meetings*

September 12

November 28

10:00 AM – 12:00 PM

Division of Homeland Security & Emergency Services  
1220 Washington Avenue, Building 7A  
1<sup>st</sup> Floor Training Room  
Albany, New York 12242



# *Thank you for attending*

NYS Office of Interoperable and Emergency Communications  
1220 Washington Avenue  
State Campus, Building-7A  
Albany, NY 12242

[DHSESOIEC @dhSES.ny.gov](mailto:DHSESOIEC@dhSES.ny.gov)

Main Phone: 518-322-4911