

New Hampshire Statewide Interoperability Executive Committee (SIEC) Meeting
New Hampshire Fire Academy Classroom 5&6
February 3rd, 2017
9:00 AM

I. Welcome and Introductions

Meeting called to order @ 9:10 AM.

II. Accepting Minutes from November 4th, 2016 Meeting

A motion to accept the minutes was made by Rep Dan Eaton and was seconded by Cecily McNair. Minutes approved.

III. SIEC Senior Executive Management Discussion – Chairperson Ernie Petrin

The Executive Management group has been meeting in an effort to streamline the charter and prepare it for submission to the legislation for approval. The Executive Management group has been paired down to include the chairs of the committee and the working groups, as well as the SWIC and a representative of the legislature. The intent is to have the charter ready for review by the SIEC ahead of the May meeting.

IV. New Hampshire Updates – John Stevens, SWIC/SPOC

Rick Andreano and John Stevens continue to provide interoperability training for police officers. They worked with the Fire Academy to develop a 1.5 hour training module which is available online. The module is broken down into three sections that each conclude with a quiz, at the end of the module a final exam is given and upon completion a certificate is provided that is filed with the Fire Academy.

On February 16th OEC will be sponsoring a no-cost interoperability tabletop exercise at the Manchester Police Department. Last year an incident occurred in Manchester that resulted in a police officer being shot. There were interoperability and communications issues taking place during the incident. Among the participants are Concord PD, Massachusetts State Police, Nashua PD, NH State Police, Manchester PD, National Guard, E911. The exercise will involve a real world scenario, and training to ensure the ability to communicate. The goal of the exercise is to establish proper protocols, and a template SOP which can be provided through the SIEC to any state organization with the ability to modify if needed.

New Hampshire continues to work with FirstNet. Governor Hassan approved an award to Rivada Networks on 9/7 as public private partnership (PPP) to develop a RAN as an option for the state to consider when the FirstNet plan is provided. Rivada Networks has been working actively with us since September, and continues to be committed to making the program successful. Federal law allows for the PPP, and to negotiate with FirstNet to lease the spectrum. NH is leading the

nation in this initiative. We remain committed to developing a program that is extremely viable for NH, and we're going to continue working on this plan to create an opportunity for the state. A special thank you to the FirstNet Broadband WG for their dedication to this initiative. We remain in lockstep with FirstNet, and we want to ensure that every first responder in the state has the opportunity to participate in FirstNet.

V. Mutualink – Bob Galvin

Mutualink works with FEMA and DHS, they offer multimedia collaboration and interoperability within a secured system. Their solution involves distributed silo bridging, which allows for agencies to maintain complete control as well as cross-agency sharing via a dynamic PUSH model. Art Durette asked when they will be implementing MCPT (Mission Critical Push to Talk)? The answer was that there is no specific time frame. Art asked if there was a beta available for customers to use? This is not yet available.

A demonstration was given focused on the video and file sharing capabilities, and the ability to create invite only groups. Art Durette asked, if the system works with any gateway? They have their own gateway, and an IP core, anything that speaks standard formats they can connect into.

VI. FirstNet Presentation

At the November SPOC meeting, the focus was on state plans. FirstNet is still going through the contract process. A draft plan and formal plan will be forthcoming late in 2017. The portal will contain a draft plan and a final plan. One component of the portal will be focused on services, equipment, and rate plans. There will be information on consultation activities that span the last 4 years, and input received. NH provided a comprehensive data report in the fall of 2016. There will be a RAN component, which will show when and where FirstNet will deploy within a 5 year buildout. The portal will feature information on network policies and security policies, and information on opting-out including FCC procedural information, and NTIA procedural information. Some information will be open to the public, and other information will be private. We need to identify the right people and determine what kind of portal access they will have. Please provide any questions you may have in the forthcoming weeks so they can be addressed in the portal.

A test lab opened in CO. Testing is being done for public safety features and devices, as well as apps before they are deployed on the network. If you want to visit, please let Mike Varney know so a tour can be set up. \$30 million in grant funding is available and being managed by NIST for organizations that can develop digital tools for the NPSBN.

Mike mentioned he is open to providing presentations, and he will be at the NH Emergency Dispatchers Association Annual Conference that takes place at the Red Jacket Resort from April 10-12, 2017. John Stevens will also be present at this event.

Brian Shepperd asked to go over the FirstNet timeline. Within 90-100 days after their partner has been announced, a draft plan will go out. After the partnership is signed the final plan will follow. There are no specific dates at this time, but when the dates are known they will inform the SPOCs.

VII. Rivada Networks Presentation

Rivada is working with the state to develop a comprehensive plan to be ready to go for when the FirstNet plan is presented. The first task order under the agreement is pretty much complete. A requirement of the RFP was to map every 30 square meters of the state, and once the mapping was complete it equated to 12 TB of data. Very detailed data was produced. Other states are taking the comprehensive approach, and following NH in pursuing an option for their state. Rivada has been hard at work on developing enhanced location-based technology, which has been developed and demoed, to within 0.28 location-based accuracy. Clint Smith is the chief scientist behind this technology which doesn't require GPS. They are working on getting the technology to become part of chips so it becomes a standard part of the equipment. Chris Moore added that they appreciate the partnership with the state, and that the system has to be a public safety network first and foremost. FirstNet is part of the equation whether or not you opt out. Mike Mark added, regardless of who provides the RAN it's still the same network.

VIII. Working Groups Status Updates

- **Data Communications WG – Carol Miller, John Stevens spoke on Carol's behalf.**

What prompted NH to take this road was the responsibility to provide a statewide network. 6.5 billion was allocated under the Act, and we realized there would be areas of the country that would end up being underserved once the money was divided. A map was presented of country where parts were grayed out, under the assumption that not many people lived there. The top of NH was grayed out which included the White Mountain National Forest, which is an area where many people recreate which is an important factor to consider in regard to a statewide buildout. The state plans would be provided on the same date to every state, and the 90 day clock would begin, with the 180 day clock to follow. If we made the decision at that time to opt-out, we'd be against a time clock that wouldn't allow sufficient time for the state to complete the process. NH began the process in 2015, and it took 15 months to get us to an actual award, we would not have been able to complete this process within the FirstNet allotted 180 days. Rivada Network's proposal is no-cost and no-obligation to the state. We're developing a statewide application. Original conversations with FirstNet involved them stating the buildout would occur in Manchester and Nashua, which is inadequate. Through the law we have the opportunity for a spectrum lease agreement, which would generate revenue that would provide for every first responder in the state to have access to and utilize the network at no-cost. We wanted to provide the governor with an alternative plan to the FirstNet plan.

The Data Communications WG has met four times with Rivada in official meetings. However, Rivada has been in the state numerous times working to develop the plan.

Break @ 10:51 AM

Reconvened @ 11:04 AM

- **Radio Frequency Communications WG – Tom Andross**

The WG has met twice since the last SIEC meeting. In November they reanalyzed zone H channels, no changes made. They are continuing to talk to people about above line A licensing issues, above line A requires coordination with Canada. Adjustments need to be made to licensing, as well as an MOU for agencies who contribute channels to interop matrixes.

- **Operations WG – Chief Mark Doyle**

The WG met jointly with the Radio Frequency Communications WG and sat down with Rick Andreano, regarding the zone H de-conflict issue. A draft for a protocol was developed, and they are asking agencies to provide information on what they want to do. A final draft could potentially be presented at next SIEC meeting.

- **CommL/T Sub-Committee – Cecily McNair**

The committee was tasked to come up with certification requirements for CommL and CommT. The WG drafted those certification requirements, please review and let the committee know if any changes are required. Hopefully this can be signed off at the next meeting. They will be participating in TTX in February with CommLs. Ernie Petrin asked everyone to come back in May ready to vote on this. If you have questions, please send to John Stevens. A final copy will be circulated in April.

IX. General Discussion

NH Emergency Dispatchers Association Annual Conference, Red Jacket Resort
April 10-12, 2017

X. Next Meeting Date

May 12, 2017

XI. Adjourn

Rep Dan Eaton put forward a motion to adjourn which was seconded by Mark Proulx @ 11:18 AM.