



The WV Statewide Interoperable Radio Network (SIRN) is a collaborative effort by state, county, and municipal public safety entities to establish and maintain a statewide interoperable radio network for emergency services

STATEWIDE INTEROPERABILITY EXECUTIVE COMMITTEE (SIEC)

The SIEC met on July 12, 2016 at the SIRN Conference at MedComm Flatwoods, WV. The meeting was called to order and a quorum established by GE McCabe, SWIC **Membership:** Absent -

WV HOMELAND SECURITY AND EMERGENCY MANAGEMENT Jimmy Gianato Proxy GE McCabe	WV STATEWIDE INTEROPERABILITY COORDINATOR GE McCabe	HOMELAND SECURITY/FIRST RESPONDER/EMS Dave Erwin Chairman Proxy Paul Bump	HOMELAND SECURITY/FIRST RESPONDER/EMS BOB HOGE VICE CHAIRMAN Proxy Steve Antolini	WV DEPARTMENT OF HEALTH AND HUMAN RESOURCES MELISSA RAYNES Proxy Patrick McGue	WV COUNTY COMMISSION ASSOCIATION VIVIAN PARSONS	WV ASSOCIATION OF PUBLIC-SAFETY COMMUNICATIONS DAVE SAFFEL
WV NATURAL RESOURCE POLICE STEVE ANTOLINI	WV PARKWAYS AUTHORITY TYRONE GORE Proxy Lisa Paxton	WV FIRE MARSHALL'S OFFICE BOB SHARP	WV STATE POLICE BILL SCOTT Proxy Dave Saffel	ZONE 3 - SWITCH AGENCY LOU VARGO	WV SHERIFF'S ASSOCIATION JOHN RUTHERFORD	DEPARTMENT OF TRANSPORTATION CHUCK RUNYON Proxy Dirk Burnside
WV HOUSE OF DELEGATES OPEN	WV E-911 COUNCIL Paul Bump	WV EMERGENCY MANAGER ASSOCIATION RC FAULK	WC NATIONAL GUARD JODY OGLE	WV OFFICE OF TECHNOLOGY GALE GIVENS	WV SENATE WILLIAM LAIRD	WV MUNICIPAL LEAGUE LISA DOOLEY
REGION 1 RIC CHAIRPERSON ROY McCALLISTER Proxy Jim Mangus	REGION 2 RIC CHAIRPERSON TOM HART	REGION 3 RIC CHAIRPERSON JEFF POLCZYNSKI	REGION 4 RIC CHAIRPERSON DIRK BURNSIDE	REGION 5 RIC CHAIRPERSON RODNEY EVANS	REGION 6 RIC CHAIRPERSON STEVE VITTOE	HOMELAND SECURITY/FIRST RESPONDER/EMS TBD

RADIO PROGRAMMING TRAINING

The SIEC is currently working on a Radio Programming Training Schedule for 2016. Our plan is to offer courses across the state based on demand. You may register to attend classes anywhere they are offered based on class size and availability. Please reach out to your RIC Chairman to request a class. If you can host a class; please inform a RIC chairman.

Registration: <https://apps.wv.gov/as/sirn>

2016 WV Statewide Interoperable Radio Network Conference (SIRN)

September 25-29, 2016

Camp Dawson - Kingwood, WV

WV COML and Radio Programming Training

SIRN - STAYING IN TOUCH IN 2016!

We're on the Web! www.sirn.wv.gov



Here is the link to the FirstNet website: <http://www.firstnet.gov>

WV SIRN Newsletter

2016 SIRN Radio Programmer Training and Recertification			
Date	Radio	Instructor	Location
June 16, 2016	Motorola XTS & XTL	Rodney Evans	Mercer County 911
July 14, 2016 To Be Rescheduled	Motorola APX	Rodney Evans	Raleigh County 911
September 28	Motorola XTS & XTL	Paul Bump	SIRN Conference
September 28	Kenwood NX/30	Dave Erwin	SIRN Conference
September 28	Motorola APX	Dave Saffel	SIRN Conference
September 28	Kenwood 10	Rodney Evans	SIRN Conference
September 29	Kenwood 10	Paul Bump	SIRN Conference
September 29	Kenwood NX/30	Dave Erwin	SIRN Conference
September 29	Motorola APX	Dave Saffel	SIRN Conference
September 29	Kenwood 20	Rodney Evans	SIRN Conference
Other courses maybe added based on need and requests please contact your RIC Chairman or SIRN - www.sirn.wv.gov			

Information:

- “How to become a SIRN Programmer” can be found at the WV SIRN website: www.sirn.wv.gov
- [WV SIRN Programmer Information](#)

Requirements:

- **Forms to be submitted, processed, and approved by the SWIC, GE McCabe before participant can attend training:**
 - [WV SIRN Radio Programmer Application](#)
 - [WV SIRN Programming Security Agreement](#)
- Form to be completed by programmer and signed by trainer after class:
 - [WV SIRN Radio Programmer Training Certification Form](#)
- Laptop, Radio, Cables, and **Current** Software (software **must be** loaded on your laptop before class)
- **Class Registration form:** Attached or [Radio Programmer Training Registration Form](#)

SIRN Discussion Points:

Programming - Current Versioning

- Motorola APX 14.01.00- Portable Firmware 14.51.00 – Mobile Firmware 14.51.00
- Motorola CPS 20.01.00 – Firmware 20.50.07

- Kenwood – KPG-95DGN v 8.23 (10 Series)
- Kenwood – KPG-112DN V2.33 (20 Series)
- Kenwood – KPG-D1N V1.71 (NX-5X00 Series & 30 Series)

Important Technical Information

Channel ID Plan	3	4	5
Bandwidth	12.5 kHz	12.5kHz	12.5 kHz
Transmit Offset Sign	+	+	+
Transmit Offset MHz	5 MHz	5 MHz	9 MHz
Channel Spacing	12.5 kHz	6.25 kHz	6.25 kHz
Base Frequency	453.025 MHz	450.000 MHz	400MHz

NOTE: This information has change!!!!

Important Kenwood Programming Information

- Check Background Hunt and RSSI CC Hunt
 - BER = 4.0 (default)
 - Hunt Start Time (Hunt) = 300
 - Hunt Start Time (Idle) = Not changeable version 2
 - Acceptable RSSI Level = -108 (default)
 - Good RSSI = -88 (default)
 - LM1 = 0 (default)
 - Home RFSS = FE
 - Home Site = FE
 - (FE disables the radio from trying to look for a Home RFSS and Home)
 - PTT Release Hunt = unchecked
 - Hunt Option > Slot = 99 (insures all adjacent sites are searched)
 - Hunt Option > Sampling Rate = 7 (number of adjacent sites)
- Equipment testing – ICOM F9521S is being tested. Not recommended for approval at this time.
 - Site Updates
 - WVSIRN – Laurel Mt on the air as of Friday. Wares Ridge – Working with Premier
 - Keeney Mt. generator pad is sinking. Visited the site with transit and made measurements and found that one leg of the tower might be 1 inch lower than the other two. Don't feel that is significant and may be a variation in accuracy of transit setup.
 - Licensing – Request that current licenses that are not going to move forward be deleted. They have been pending for 2+ years.
 - APX Firmware update changes – Dynamic Channels may now be selected for assignment to scan list. You no longer have to use channels in a regular zone in scan list that are in the Dynamic Zone.
 - Hampshire/Mineral County issues still occurring – Need to ascertain if the programming changes recommended by Kenwood have been programmed into the radios where problems are reported. Follow-up with RIC-3 reps looking into issue will be reported back to SIEC's Technical Committee.

Training

- SCIP workshop held June 14, 2016 hosted by OEC.
- WV Communication Unit Leader –(WV COML) class to be held at the SIRN Conference (*Prerequisite requirements to attend class*)
- Radio Programming Classes
 - June XTS/XTL training was held in Princeton and completed with 10 attendees.
 - The July APX class will be rescheduled as a result of the flood.
- Handout Flyer For Interop Channels
 - Discussed the handout from Illinois reference national interop channel availability
 - Decided to use the Illinois state document to create a handout customized for West Virginia
 - Discussed material to add/change/delete content
 - SIRN has the original files to edit and do with as we please
 - All group recommendations were noted and RC will make changes as we talked about and present for approval
- Discussed the OEC TA project for the WV TICP & FOG development
 - WV had 17 county submissions, 4 state agencies, 1 RIC to use in the plan and FOG development
 - Held a conference call to review the data that we have received so far on the TIC part of the project
 - Next in face meeting will be Wednesday July 13th hosted by Mason County for primarily talking about the FOG development
 - WV COML class to held at the SIRN Conference

Broadband/FirstNet

FirstNet

- Lori Stone, FirstNet attended the July 2016 SIEC and Broadband Meetings and presented FirstNet updates.
- Lori Stone will present FirstNet Updates at the SIRN Conference
- July 13th – FirstNet and members of the Broadband Committee will attend a meeting at Greenbank to discuss issues with FirstNet and the Quiet Zone.

SIRN Planning

- Forest Service - Discussed the charges levied by the US Forest Service for Sharps Knob due to MON Power being collocated on the site.
- Tower Access Roads, DOH is in process of taking 14 roads into the H.A.R.P. program for maintenance (Burnsville, Blue Ridge, Caretta, Cadell, Charlies, Gauley, Green, Horsepen, Keeney, Keyser, Panther, Ward Rock, Webster, Workman)
- Circuits, Discussed request from DHS and Cabell Co for access to microwave circuits. To be continued in Broadband Committee
- Maintenance Funds - review expenditures system upgrades monthly necessary repairs and possible budget cuts.
- Needs/Wants List - Worked on list to identify needed/wanted projects with possible costs.

WV Communications Unit Leader (COM-L) Course available at the WV SIRN Conference

September 25 - 29, 2016

Register when you register for the conference!



Texting 911: Why don't more cities have it?

http://www.today.com/video/texting-911-why-don-t-more-cities-have-it-720282179537?cid=eml_on-site

An Enduring Network for Public Safety

April 18, 2016 | By Mike Poth, FirstNet Chief Executive Officer

April 18, 2016



FirstNet CEO Mike Poth: We will encourage innovation that will bring better applications, devices, and services to the public safety community over the NPSBN

By Mike Poth, FirstNet Chief Executive Officer

A lot of hard work has gone into getting us to this point, and I am appreciative of all of the people that have assisted us, including public safety leaders who advocated for the network, our own Public Safety Advisory Committee, state, territory, tribal, and local participants including the FirstNet state single point of contacts, FirstNet's Board and personnel, folks on Capitol Hill and at the White House, and many others. We have also had tremendous assistance from the U.S. Department of Commerce, the National Telecommunications and Information Administration and other federal agencies, including the Federal

Communications Commission, the U.S. Office of Management and Budget, the Defense Information Systems Agency, the Department of the Interior, the Department of Homeland Security, and the Department of Justice. At this stage there is still a lot of work to do, but through an open and competitive RFP process, we are more confident than ever of success.

FirstNet's mission under the Middle Class Tax Relief and Job Creation Act of 2012 (the Act) is to ensure the establishment of the NPSBN. In order to achieve this goal, the network must be a robust and enduring tool for the public safety community. FirstNet must ensure that the network is operated, maintained and improved throughout its lifetime, including taking a leadership role in the establishment of new technology and services on behalf of our stakeholders, the public safety community.

We do not know today what technology the public safety community may require 20 years from now to carry out its mission. But we can, and are, planning for the future of the network. At FirstNet, we want to be ready for and encourage innovation that will bring better applications, devices and services to the public safety community, and we want to invest in the NPSBN to ensure its readiness for whatever may come.

How do we do this?

Under the Act, Congress provided FirstNet alone the ability to collect and retain funds for the purpose of making expenditures to support the NPSBN. Indeed, the Act specifically requires such reinvestment. As such, only FirstNet is authorized to utilize these funds and they are not subject to re-allocation from FirstNet for any other purposes. These amounts will be used to pay FirstNet's overhead costs, for reinvestment in the NPSBN, and, more generally, to support advances or enhancements in public safety communications. This means that FirstNet will continue to operate even in the case of a government-wide shutdown resulting from any delay in approving the annual appropriations bills and makes available a long-term funding stream to provide confidence to NPSBN stakeholders that the network will endure.

The funding resilience that the Act provides is an important aspect of fulfilling FirstNet's mission. That mission also requires that the NPSBN be robust, hardened, and enduring. The FirstNet network must be a long term tool for the public safety community, and services provided through the network must continue to be meaningful and meet the needs of public safety now and in the future.

To achieve these requirements, FirstNet has and will continue to take steps to ensure the longevity and relevance of the NPSBN for the public safety community. For example, with renewals, the term of the agreement resulting from the NPSBN RFP is anticipated to be up to 25 years, which will allow the awardee to confidently invest in the network and in the provision of services to the public safety community, while also serving its commercial users with excess network capacity. Market forces will undoubtedly self-mandate continued awardee investment and upgrades in the network, including implementation of 3GPP standards and other standards as they develop and advance throughout the life of the network.

In addition, under the Act, FirstNet is able to collect amounts to advance or enhance public safety communications, while certain resources collected by FirstNet, such as fees collected under the agreement with the NPSBN awardee in excess of FirstNet's overhead costs, are specifically earmarked under the Act for "constructing, maintaining, operating, or improving" the NPSBN. This means that the public-private arrangements anticipated under the Act will promote the enduring nature of the NPSBN through direct reinvestment in the network throughout its lifetime.

It is by statutory design that the NPSBN will be an enduring tool for the public safety community. In passing the legislation, Congress understood, and in fact designed, the unique relationships between FirstNet, the awardee, the network, and the reinvestment of funds resulting from use of the spectrum by the awardee, to ensure network that will be managed and operated for public safety to keep the American people safe and secure for decades to come.