



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 March 8, 2016 at the SIRN Conference at MedComm Flatwoods, WV. The meeting was called to order and a quorum established by Bobby Hoge – Vice Chairman. **Membership:** Absent –

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

### 2016 WV Statewide Interoperable Radio Network Conference (SIRN)

Save the Date

September 25-29, 2016

Camp Dawson - Kingwood, WV

**2 Days of Radio Programming Training**

#### SIRN - STAYING IN TOUCH IN 2016!

We're on the Web! [www.sirn.wv.gov](http://www.sirn.wv.gov)



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

# 2016 SIRN Radio Programmer Training

(Except for the courses at the Expo Please register at the attached Expo website: <http://www.wvsafetyexpo.com> )

Date	Radio	Instructor	Location
April 5, 2016	Kenwood 10	Dave Saffel	Buckhannon Equipment Division - DOH
April 6, 2016	Kenwood 20	Paul Bump	Buckhannon Equipment Division - DOH
April 7, 2016	Motorola XTS & XTL	Dave Saffel	Buckhannon Equipment Division - DOH
April 14, 2016	Kenwood 10	Rodney Evans	Beckley Fire Department
May 4, 2016	Motorola XTS & XTL	Dave Saffel	Public Safety Expo
May 4, 2016	Kenwood 10	Dave Erwin	Public Safety Expo
May 5, 2016	Motorola APX	Dave Saffel	Public Safety Expo
May 5, 2016	Kenwood 20	Dave Erwin	Public Safety Expo
May 6, 2016	Kenwood NX /30	Dave Erwin	Public Safety Expo
June 16, 2016	Motorola XTS & XTL	Rodney Evans	- TBA
July 14, 2016	Motorola APX	Rodney Evans	- TBA
September 28 - 29	TBA	TBA	SIRN Conference

Other courses maybe added based on need and requests please contact your RIC Chairman or SIRN - [www.sirn.wv.gov](http://www.sirn.wv.gov)

**Information:**

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

1. Programming
  - a. Current Versioning –
    - Motorola APX 14.00.00- Portable Firmware 14.00.04 – Mobile Firmware 14.00.04
    - APX 8000 ONLY Firmware - 14.01.01
    - Motorola CPS 20.01.00 – Firmware 20.50.07
    - Kenwood – KPG-95DGN v 8.22 (10 Series)
    - Kenwood – KPG-112DN V2.33 (20 Series)
    - Kenwood – KPG-D1N V1.63 (NX-5X00 Series & 30 Series)
  2. Harris Portable Harris XG-15P approved at Level 3 due to no AES encryption capability

### Important Technical Information

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

**NOTE: This information is about to change!!!! Kenwood has conducted further testing in West Virginia, and it is likely that some changes will be needed. More to follow.....**

3. Important Kenwood Programming Information
  - Set to 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
  - Good RSSI = -88
  - LM1 = Do Not Change
  - Home RFSS = FE
  - Home Site = FE
  - (FE basically 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)

## Broadband/FirstNet

### 1. FirstNet

- FirstNet regional contact Lori Stone held a meeting to give update and plans for 2016.
  - Feb 23<sup>rd</sup> in Charleston. Jimmy Gianato, GE McCabe and Lisa Paxton attended
  - Lori Stone will attend June SIEC and Broadband Meetings
  - She will also present at the SIRN Conference
- Jimmy Gianato is representing WV on the ICAM working group and on weekly calls with FirstNet. Discussion points have been:
  - Access to network - devices authenticated
  - Complications with secure systems

## SIRN Planning

1. Tower Light repairs moving forward on St Mary's and Ward Rock. Starting on work Malden and Windmill Gap
2. Planning to move Montgomery Hill and Limestone to new sites. Wood County to facilitate the move.
3. Doddridge – Harrison – Wetzel and Tyler looking to partner on site
4. Raleigh County has waived co-location fees for WVSP for Beckley site
5. National Forrest Service sent bill for Sharps Knob, issues with MonPower colocation on site. Elevated for congressional inquiry. SWIC and Jimmy working on this, and will provide update at April meeting.
6. Road issues at Keeney Mountain site. Summers county to resolve.

**WV Communications Unit Leader Training**  
**COM-L Course**

is available at the Public Safety EXPO  
May 4-7, 2016

register: <http://www.wvsafetyexpo.com>



## First Responder Network Authority Weekly Update to the State and Territory Single Points of Contact (SPOCs) – March 28, 2016

### FirstNet News

- User Advocacy continues its preparations for the Spring 2016 single point of contact (SPOC) Meeting on April 12-13 in McLean, Virginia. Nearly 225 people have registered to attend, including representatives from 54 states and territories, the PSAC Executive Committee, the Tribal Working Group (TWG), federal partners, Canada public safety authorities, and FirstNet Board members and staff. An email with the final agenda and logistical information will be sent to registered attendees next week.
- FirstNet will be holding a Federal Open House on April 14, 2016 in Washington, D.C. at the U.S. Department of Commerce. Federal stakeholders will have the opportunity to receive updates on FirstNet's consultation and technology efforts in 2016 and beyond. The event will be open to all federal ID card holders and other interested parties in the National Capitol Region. Invitations and information will be distributed through the Agency Points-of-Contact (APOC).
- The International Wireless Communications Expo (IWCE) 2016 was held last week in Las Vegas, Nevada. FirstNet Board members, User Advocacy senior management and staff, the Office of the Chief Technology Officer (CTO), and the Program Management Office (PMO) engaged public safety and industry attendees in 12 sessions, including many stakeholder led discussions on FirstNet. CEO Mike Poth provided a keynote address to a packed room highlighting the need for a "true partnership for public safety." Throughout the week, the FirstNet team discussed state plan delivery, risks and challenges associated with state opt-out, "true priority", and timelines for key activities, including the Request for Proposal (RFP). The team looks forward to continuing these discussions at the upcoming SPOC meeting.
- SPOC 2016 Engagement Kick-Off Meetings continued last week in Indiana and Nebraska. FirstNet has now completed meetings in 50 out of 56 states and territories. Moving ahead, FirstNet will advance its 2016 Consultation baseline activities by participating in state governance body meetings and coordinating metropolitan area engagements to better prepare for executive consultation.
- Recently, FirstNet launched a new FirstNet Tumblr blog series titled, "A Day in the Life: Stories of Broadband Saving Lives and Protecting Communities". In the new blog, FirstNet will be telling the stories of first responders from all parts of the country. FirstNet has learned through its consultation and outreach efforts that many law enforcement, firefighters and emergency medical service personnel are currently using broadband in some capacity to do their jobs. Do you have a story of broadband use at your public safety agency? Please share with FirstNet. More information can be found here: <http://www.digitalgov.gov/2016/03/17/firstnet-launches-tumblr-seeking-stories-of-public-safety-broadband-use/>.
- Last week, FirstNet published two new entries on its blog: [Deploying a Public Safety Broadband Network – The U.S. Experience](#) and [FirstNet Works with PSAC, PSCR on Quality of Service, Priority and Preemption Framework](#). All blog posts can also be accessed through the FirstNet blog landing page at: <http://firstnet.gov/newsroom/blog>.