



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 April 13, 2015 in Flatwoods, WV at the MedComm Center. The meeting was called to order and a quorum established by Dave Erwin, SIEC 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 OFFICIALS
JIMMY GIANATO	GE MCCABE	DAVE ERWIN CHAIRMAN	BOB HOGE VICE CHAIRMAN	MELISSA KINAIRD	CYNTHIA PYLES	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	TIM PROVAZNIK	BILL SCOTT	LOU VARGO	JOHN RUTHERFORD	CHUCK RUNYON
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	PAT CHARD	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	MIKE WOLFE	JEFF POLCZYNSKI	DIRK BURNSIDE	RODNEY EVANS	STEVE VITITOE	TBD

SIRN - STAYING IN TOUCH IN 2015!

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

VISIT THE SIRN WEBSITE FOR:

- INFORMATION
- NEWSLETTERS
- FORMS and SOPs
- CONFERENCE UPDATES
- UPCOMING EVENTS

FirstNet

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

West Virginia's FirstNet Initial Consultation Package will be held May 5th at the Charleston Civic Center.

FirstNet Information: <http://firstnet.gov/network>

Technical Committee - Dave Saffel

New sites on the SIRN system are located near Elgood, Glen Jean, and Williamson.

Programming - Current Versioning

- Motorola APX 13.00.01 Portable Firmware 13.00.05 – Mobile Firmware 13.00.10
- Motorola CPS 20.01.00 – Firmware 20.50.05
- Kenwood – KPG-95DGN v 8.10 (10 Series)
- Kenwood – KPG-112DN V2.2 (20 Series)
- Kenwood – KPG-D1N V1.2 (NX-5X00 Series)

Important Kenwood Programming Information

- Set to Background Hunt and RSSI CC Hunt
- BER = 6.5
- Hunt Start Time (Idle) = 5000
- Good RSSI = -100
- LM1 = 6
- 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

Important Technical Information	Channel ID Plan	3	4	5
	Bandwidth	12.5 kHz	12.5 kHz	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	400 MHz

Training, Education, and Exercise Committee - RC Faulk

- The SIEC Training, Education, and Exercise Committee continued to discuss the WV COML course. Course material and outline of topics were finalized and team members were assigned course topics. We are on track to have some rough draft sections done for discussion at the next meeting

Policy and Procedure Committee - Rodney Evans

- Ongoing work on COML course and Tower Site Security Policy.
- The “Approved Equipment List” revisions have been approved and posted to the SIRN website.

Planning Committee - Bobby Hoge

Participation Applications

- The SIEC approved:
 - Logan County updated their application to include the Southern WV Community College
 - Beckley-Raleigh County updated their application to include the Health Department
 - New application from Bureau of Fiscal Service

Planning

- Discussion regarding location of new sites to cover Yeager Airport, Greenbrier Co (fairgrounds), Flatwoods, and Tyler Co
 - Possibility of grants?
 - As a group improving interoperability across the state of West Virginia must consider where sites are needed most with available funding.

Conference Committee -Tyrone Gore

- 2015 SIRN Conferences dates are September 27 – September 30, 2015
- Online registration is set to begin on July 1, 2015.

Agenda

- The SIEC approved adding an additional day to the conference.
- The Conference agenda has been started and the Conference Committee is requesting suggestions for topics.
- Agenda was discussed and agreed to hold a “Beginner Track” and an “Advanced Track”
- The US Department of Homeland Security’s Office of Emergency Communications (OEC) will conduct an “Interoperable Radio Training” course offered through their Technical Assistance Program.

Broadband/FirstNet - Jimmy Gianato

The Broadband Committee discussed the status of WV's FirstNet Initial Consultation Package. West Virginia's meeting to be held May 5th (same week as Public Safety Expo) at the Charleston Civic Center. FirstNet is looking at designing and building without current state resources.

Network and planning

- SWIC reported that the SIEC needs to consider what we need for configuration on broadband system 300 mega bites allocated 350 run. SIRN needs to police its bandwidth.

CityNet Request

- Discussed the request by CityNet to connect to the broadband microwave network and the appropriate fee schedule for this connection. The committee voted to allow Gale Given and WVOT to draft a contract that expires 31 Dec 15 for CityNet to connect to and use the broadband microwave network using the Committed Information Rate fee schedule prepared by Gale Given. Gale Given reported that public safety has priority to the system and the option to change as necessary to maintain WV public safety needs to be included in the contract.

FirstNet sheds light on financial challenges during Industry Day Event - Donny Jackson May 15, 2015

- [FirstNet sheds light on financial challenges during Industry Day event](#)

FirstNet is seeking partnerships that ensure the nationwide public-safety broadband network is financially sustainable in the long term and provides first responders with “the best price possible” for service, officials said during a meeting yesterday with attendees interested in responding to the FirstNet draft RFP.

Industry observers have varied opinions about the value of the excess broadband capacity on the [FirstNet](#) system, with skeptics stating that the potential value is diminished greatly by the fact that commercial users can be preempted by public-safety users during times of emergency. But others are more optimistic, noting that an emergency typically would affect capacity only on one cell sector, so most commercial users would not be noticeably impacted.

Quinlan said the demand for spectrum is high, citing the recently completed AWS-3 auction that generated more than \$40 billion in revenue for the U.S. Treasury. “If we just adjusted for the size of FirstNet’s excess capacity, it would equate to \$17 billion,” Quinlan said. “I’m not saying that that is the value *per se*, but it’s a good benchmark to keep in mind.” Quinlan said other advantages that secondary use of FirstNet’s spectrum capacity can offer include:

- FirstNet does not require a lump-sum, upfront payment, so value could be derived over time through cash or in-kind benefits;
- FirstNet’s spectrum is largely unencumbered and is “potentially immediately available upon award,” whereas AWS-3 and TV spectrum that is scheduled to be auctioned next year will take more time to be cleared and secondary-market spectrum transactions also can take years to execute; and
- FirstNet’s 700 MHz spectrum “is considered ideal, both for coverage and data capacity” and historically has been greater than the AWS-3 airwaves.

Throughout the Industry Day event, FirstNet officials reiterated the need to provide a financially sustainable network and that bid proposals would be evaluated based on how they would impact FirstNet’s ability to provide public safety with a nationwide broadband network.

Of course, the law creating FirstNet mandates that states and territories will have the option to “opt out” of the FirstNet system, which means the “opt out” jurisdiction would deploy the radio access network (RAN) within its territory and integrate it within the larger FirstNet system. In a recent proceeding, several states questioned FirstNet’s preliminary legal interpretation that revenues generated within an opt-out state should be available for use in other parts of the country.

Quinlan said that federal laws require FirstNet has to be deemed financially sustainable “before we can award a solution, contract or contracts.” Given this criteria and the potential impact that opt-out decisions in key states could have on FirstNet’s overall financial model, one attendee asked whether FirstNet would wait until opt-out decision were made before awarding a contract.

New Business

Jimmy Gianato reported that legislation passed to research and report on SIRN status, feasibility, and sustainability. This report will be prepared and presented to Legislature to review for 2016.