West Virginia
Statewide Interoperability Executive Committee
Meeting Minutes

Date: 03/10/2025	Time: 11:24	Location: RETI
Meeting Called to Order By:		

SIEC Membership & Participation

(X – Present; Blank – Absent; X-CC – Present via Conference Call)

Name	Status	Role
Mangus, Jim	X	RIC 1 Chairman
Hart, Tom	CC	RIC 2 Chairman
Polczynski, Jeff	CC	RIC 3 Chairman
Tice, Brandon	CC	RIC 4 Chairman
Zilinski, John	X	RIC 5 Chairman
Vititoe, Steve	X	RIC 6 Chairman
Saffel, Dave	CC	WV APCO
Cadle, Pat		WV County Commission Association
Mccabe, GE	CC Proxy Jeff Perry	WV DEM Director
Rumbaugh, Stephen	CC Proxy Patrick Shea	WV Department of Transportation
White, Mikyle	Proxy Jordan Clendenen	WV E-911 Council
Rose, Richard	Proxy Justin Wolfe	WV Emergency Management Council
Ratliff, Jody	CC Proxy Al Whitaker	WV Health & Human Resources
Blosser, Travis		WV Municipal League
Seward, James		WV National Guard
Abbott, Heather		WV Office of Technology
French, Parrish	CC Proxy Tyrone Gore	WV Parkways Authority
Howard, Tom		WV Sheriff's Association
Tyree, Ken		WV State Fire Marshal
Mitchell, Jim	CC Proxy Nathan Sayre	WV State Police
McConnell, Dustyn	X	WV SWIC
Bump, Paul	X	WV Zone 1 Switch Agency
Vargo, Lou	CC	WV Zone 3 Switch Agency

Additional Participants

(X – Present; Blank – Absent; X-CC – Present via Conference Call)

Name	Status	Role
RC Faulk	CC	Assistant SWIC
Roy McCallister	CC	RIC 1
Steven Singer	X	CISA
Adam Gianato	CC	
David O'Brien	X	Kanawha 911
Ethan Whisenant	X	WVSP
Greg Hendry	CC	SIRN Office
Dirk Burnside	X	Technical
Tony Novel	X	RIC 2
Mike Spangler	X	WVDNR

Previous Minutes Reviewed and Approved
- **Motion:**   **Tony Novel**
- **Second:**   **Steve Vititoe**
- **Motion:**   **Passed**

Technical Committee Report

- Programming
  - Current Versioning –
    - Motorola **APX CPS R35.00.00 2024.3 Feature Release 01/13/2025**– **FW R35.00.00 2024.3 Feature Release 01/13/2025**
    - Motorola APX Next – **R08.00.00 FW 2024.3 Feature Release – 01/13/2025**
    - Motorola CPS 20.01.00 – Firmware 20.50.10
    - Kenwood – KPG-95DGN v 8.30 (10 Series) Firmware – 4.43 (v2) 6.14 (v3)
    - Kenwood – KPG-112DN V2.33 (20 Series) Firmware 2.21
    - Kenwood – **KPG-D1N 5.20** (NX-5X00 & 30 Series)–**Firmware 5.23**
    - Armada - **1.44.12 – 03/05/2025**
    - RES – BKR9000 – **5.8.38 – 07/30/24**

- Testing
  - Harris – XL-400 & XL-200
  - Motorola Next XN & others
  - Tait – Have been provided several updates to firmware by email, but one of the credentials that we were given work, and attempts to obtain new credentials have gone nowhere.
  - Icom

- RETI is planning to address the Technical Committee regarding their desire for additional VHF and UHF coverage in the Northern Panhandle. SIRN would like to have more coverage in that area as well, but currently, there are no plans for that to occur. They were interested primarily at this point in the backhaul connectivity between their existing VHF radios and their Comm Centers.

- Colocation of commercial users on SIRN owned or managed towers
  - Structural Analysis will be required on all towers that have not previously been analyzed to the ANSI/TIA-222-H standards with Risk Category 3
  - All structural analysis will be done by Malouf Engineering. Analysis conducted by another firm will not be accepted unless preauthorized by the SIEC.
  - All modifications to bring a tower to ANSI/TIA-222-H and Risk Category 3 standards will be at the expense of the company desiring to co-locate

- ANY modification of tower mounted equipment will automatically REQUIRE a structural analysis.
- Inventory of planned equipment with dimensions and weights will be provided at the time of application for desired co-location. This information must be provided prior to any consideration.

- Rates for commercial tenants on SIRN towers – This is outside of the purview of the Technical Committee, but the committee is recommending that our current rate structure has not been modified for many years to the best of our knowledge, and recommends that an update for commercial users could potentially be beneficial.

- LOCs – It is necessary to be good neighbors. It is recommended that we sign LOC's for Cabell County and Ohio County as long as the belief is that they will not create interference for our SIRN sites. A properly written LOC should memorialize a No Interference item in the document, so if there is resulting interference, we should have recourse.

- Hope Gas is desiring to become a user on our system. They are a for-profit company, we have no precedence for that occurring. It is one thing for public safety to operate without a fee, but the Technical Committee believes that if we do allow this to happen, they must pay a fee of some sort. That could be a trade for product that they have possibly. - Need input from Emergency Management Division

- Grant County Nursing Home – This home is the property of the Grant County Commission and run by them. They are desiring to have a talkgroup or more on the system and be part of the system. To the best of my knowledge, we do NOT have Nursing Homes other than the VA in Clarksburg. That facility has its own police force and is equally a Federally operated VA facility with a state-owned nursing home attached. We will have discussion about this type of addition to the system, but the Technical Committee will not be the final say in this instance. – Tabled awaiting further information from Peggy Alt

- Programming classes other than at Conference – This is being left in the agenda by the Chair of the Committee. Testing is progressing, Classes are being written, and there is a desire for classes to be conducted prior to the SIRN conference in the fall. The remainder of text below this paragraph is thoughts that were aired for the need for classes.

  - We are seeing the need for programming classes other than at the yearly conference. In addition, we are getting the need for additional instructors. Keep in mind the following:
    - A class not given by a certified instructor of SIRN is NOT a valid class to program on SIRN
    - Any person desiring to be an instructor must request to do so via the SWIC or the Technical Committee Chair (or both)

- Any potential instructor must teach one or more classes in the desired radio under the supervision of an instructor certified on that radio.
- All class material must be approved by the SIEC Technical Committee, and ideally, all classes should have enough context material so that when the class is completed, the student may start with either a blank code plug (Some radios require a code plug from a radio to program) or one created by the software if that is available. At completion, the student should be able to have a code plug that they can dump into a radio and work. (Software, Cables, and Radio IDs are required and not provided in class)
- For current and future classes, the student must have (though not mandatory to have in class) programming software and programming cables. The SIEC does NOT provide any material for programming other than the syllabus from which the instruction is given. Students historically do better learning if they have the software installed on their computer for class and can follow along.
- We desire to have a group of classes midyear, on a central location of the state to facilitate all to drive approximately a similar distance. We hope to have classes for:
  - Motorola
    - APX
    - NEXT
  - Newer models
    - EFJ/Kenwood Viking radios (Armada)
    - Kenwood D1N software (NX radios)
    - BK Technologies RES
    - Harris
  - Tait
  - Icom
- Many if not all manufacturers are trying to move to hardware keys. Rogue programmers have made it desirable to use hardware keys despite our attempting for many years not to do so. SIRN is moving to support and potentially require hardware keys. Class requiring hardware keys will be notified in advance of that need, and students MUST bring programmable keys with them to the class or the key will potentially not be provided upon completion.

Important Technical Information

Channel ID Plan	3 FDMA No longer in use	4 FDMA	5 FDMA	6 TDMA	7 TDMA
Bandwidth	~~12.5 kHz~~	12.5 kHz	12.5 kHz	6.25 kHz	6.25 kHz
Transmit Offset Sign	+	+	+	+	+
Transmit Offset MHz	~~5 MHz~~	5 MHz	9 MHz	5 MHz	5 MHz
Channel Spacing	~~12.5 kHz~~	6.25 kHz	6.25 kHz	6.25 kHz	6.25 kHz
Base Frequency	~~453.025 MHz~~	450MHz	400 MHz	450MHz	460MHz

Cyber Security Sub-Committee Report

- Danny Kirby discussed a cyber related topic.

Policy and Procedures Committee Report

- Did not meet.

Training/Education/Outreach Committee Report

- Discussed radio programming staying within Technical Committee's area.

Conference Committee Report – Steve Vititoe

- All planning has stopped waiting on classes to be decided on for the final two days at Conference so the programming on the portal can be finalized and made available.

- Members were reminded to think of a theme for 2025.

Planning Committee Report

- Nothing reported.

New & Emerging Technologies

- Did not meet.

RIC Region 1 Report
Kanawha, Clay, Putnam, Jackson, Roane, Calhoun, Ritchie, Wirt, Wood, and Pleasant

- Waiting on minutes

RIC Region 2 Report

Hancock, Brooke, Ohio, Marshall, Wetzel, Tyler, Doddridge, Harrison, Marion, Monongalia, Preston, Taylor

- Next meeting is March 19th virtually.

RIC Region 3 Report

Grant, Hardy, Hampshire, Berkeley, Jefferson, Mineral, Morgan

- Waiting on minutes

RIC Region 4 Report

Pocahontas, Pendleton, Webster, Randolph, Tucker, Barbour, Upshur, Braxton, Gilmer, Lewis

- Next meeting is March 14th at the Randolph County 911 Center.

RIC Region 5 Report

Mercer, McDowell, Wyoming, Raleigh, Summers, Monroe, Greenbrier, Nicholas, and Fayette

- Waiting on minutes

RIC Region 6 Report

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- Meeting cancelled due to the floods; no rescheduled date set yet.

Business Conducted

- Technical committee presented the updated recommendations for colocations and recommends adoption; Second by Paul Bump to adopt; Motion passed.

- Tony Novel asked about flight following talkgroup usage; advised not fully implemented across the state by the agencies yet.

- Reported ISSI and Critical Connect equipment relocated to Clarksburg.

- John Zilinski asked for a usage report for the flood period.

- Next meeting:
    - **Date: April 7, 2025**
    - **Location: RETI**

Meeting adjournment.
- **Motion:**   **Tony Novel**
- **Second:**   **Steve Vititoe**
- **Motion:**   **Passed**