



# West Virginia Statewide Interoperability Executive Committee Meeting Minutes

<b>Date:</b> 2/10/2025	<b>Time:</b> 11:30	<b>Location:</b> RETI
Meeting Called to Order By:		

## SIEC Membership & Participation

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

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

## Additional Participants

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

RC Faulk	X	Assistant SWIC
Adam Gianato	CC	
Steven Signer	X	CISA
Tony Novel	X	RIC II
Jeff Perry	X	Emergency Management
David O'Brien	X	Technical
David Erwin	CC	Technical
Dirk Burnside	X	Technical
Roy McCallister	X	RIC 1



# West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Previous Minutes Reviewed and Approved

- **Motion: Tom Hart**
- **Second: Danny Kirby**
- **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 - **1.42.23 – 11/15/2024**
  - RES – BKR9000 – **5.8.38 – 07/30/24**
- Testing
  - Harris – XL-400 & XL-200
  - Motorola Next XN & others
- Colocation of commercial users on SIRN towers
  - Structural Analysis requirements
  - Inventory of planned equipment with dimensions and weights
  - Potential rates changes (more the purview of EMD than the SIEC)
- Programming classes other than at Conference - Discussion
  - 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.



## West Virginia Statewide Interoperability Executive Committee Meeting Minutes

- 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 codeplug 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 codeplug that they can dump into a radio and work. (Software, Cables, and Radio ID's 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.
- LOC for Cabell County – It is necessary to be good neighbors. It is recommended that we sign LOC's for Cabell County as long as the belief is that they will not create interference for our SIRN sites.



# West Virginia Statewide Interoperability Executive Committee Meeting Minutes

- Snowshoe Rain Gauge interference – There is a rain gauge on Snowshoe that is apparently putting out an 8<sup>th</sup> harmonic. NRQZ believes it may be caused by overdriving the final amplifier. This repeater is a radio that was constructed by a company using radios which would not be considered to be high quality. Technical is recommending that a technician capable of searching harmonics with Spectrum Analyzers, and working to determine if the harmonic is coming out of the radio driving the amplifier or if it is causing the amplifier to create a harmonic.

### Important Technical Information

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

### Cyber Security Sub-Committee Report

- Did not meet.

### Policy and Procedures Committee Report

- Did not meet.

### Training/Education/Outreach Committee Report

- Did not meet.

### Conference Committee Report – Steve Vititoe

- Committee reviewed current status of the 2025 Conference.
- Also reviewed and approved were the new vendor registration and attendee registration costs.
- It was recommended that a query be added to the portal to see if this was someone’s first time attending the Conference and that will be added before registration goes live.
- Registration is ready except for the last two questions about what classes will be held and on what days. Until this is figured out, no attendee registration will be open.



# West Virginia Statewide Interoperability Executive Committee Meeting Minutes

- Steve Vititoe also suggested now is the time to think about working on the agenda topics and the Keynote speaker and theme, if we are going to have one.

## **Planning Committee Report**

- MedStar Air Transport from the District of Columbia submitted participation application. Will be presented for SIEC approval.

## **New & Emerging Technologies**

- Did not meet.

## **RIC Region 1 Report**

Kanawha, Clay, Putnam, Jackson, Roane, Calhoun, Ritchie, Wirt, Wood, and Pleasant

- Has not met.
- Next meeting is planned for February 27 at the Ripley VFD at 10am.

## **RIC Region 2 Report**

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

- Minutes attached.

## **RIC Region 3 Report**

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

- Has not met since December 2024.
- Next meeting is planned for February 19<sup>th</sup>, 2025.

## **RIC Region 4 Report**

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

- Next on Feb 13, 2025.

## **RIC Region 5 Report**

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

- Minutes attached.
- Next meeting is Thursday, February 13<sup>th</sup>, at 10am at Raleigh County.



# West Virginia Statewide Interoperability Executive Committee Meeting Minutes

## RIC Region 6 Report

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- Was not able to meet due to real world emergencies.
- Planning for a virtual meeting on February 20, 2025.

## Business Conducted

- Conference Committee recommends approval of the presented fees for 2025. Second by Steve Vititoe, Motion Passed.
- MedStar Air Ambulance application was presented for approval by the committee; Second by Dave Saffel. Motion passed.
- Next meeting:
  - **Date: March 10, 2025**
  - **Location: RETI, 2<sup>nd</sup> Floor**

Meeting adjournment.

- **Motion: Danny Kirby**
- **Second: Dave Saffel**
- **Motion: Passed**

## RIC II

### Regional Meeting

1/28/25 – City of Bridgeport Fire Department

- Meeting called order at 10 am by chair T. Novel.
- Minutes from 12-10-24 meeting unanimously approved by a motion, T. Curry motioned, T. Hart seconded the motion.
- No upcoming training or exercises related to RIC.
- Old Business
  - S. Yohoo advised that the Wileyville/Wetzel tower construction has been delayed by weather. He is working on a grant for generators at the new tower site.
  - T. Novel reminded the group that “Link Layer” authentication is mandatory for radios purchased after June 30<sup>th</sup>, 2025.
  - There is a proposed joint meeting of RIC I and II set tentatively for April 10<sup>th</sup>, 2025, in Pennsboro.
  - T. Novel mentioned FDMA and that we should not have radios on the system that do not have FDMA.
- New Business
  - T. Novel gave current software and firmware updates.
  - The monthly radio test was completed by Marshall County. Results attached.
    - NWS Charleston’s radio is not working.
  - T. Curry raised smart connect issues. Harrison County BOE states authorization to put smart connect on the Wi-Fi has to come from state BOE. Discussed the possibility of bringing this before the SIEC.
- Good of the order
  - Upcoming emergency management classes discussed.
- Motion to adjourn was made by T. Hart and Seconded by T. Curry.
- Meeting adjourned at 10:24.

## RIC II

Regular Meeting 12/10/2024

Virtual

- Meeting called to order at 10:00 am by Tony Novel
- Previous minutes were emailed to the group. Motion by S. Thorne to accept minutes
  - Seconded by S. Yoho
  - Motion carried
- Training and exercises
  - No new training or exercises scheduled. Tony stated that the WVNG wished to be included in exercises next year.
- Old Business-
  - Wylieville update- Steve states the antennas are being installed now. Slow but steady progress. May be slowed by the weather.
  - No update from Sand Springs but Mon County may wish to add another site in the future.
  - Proposed joint meetings of RIC I and II for April 10<sup>th</sup>, 2025. Motorola will be providing lunch.
  - Tony gave the latest software firmware versions.
  - Discussion about tenants on some of the tower sites and the requirements for them.
  - West Com is requesting access to 155.340 and 155.400
- New Business
  - First net has reported some copper theft from one of their sites.
  - P. Bump reports a church in Bridgeport got some grant funding for security measures and may be requesting SORN access from the SIEC in the future.
  - Next meeting will be hosted at Bridgeport Fire Department on January 28<sup>th</sup> at 10:00 am
  - Motion to adjourn by Tom Hart
  - Seconded by T. Curry
  - Motion carries and meeting adjourned.





Regional Interoperability Committee - Region 5

November 2024 Minutes

November 14, 2024

CALL TO ORDER

- The meeting was called to order at 10:03 by RIC 5 Chair John Zilinski.

SIGN IN SHEET

- **Present:** Loyd Lowry, Robbie Johnson, Andrew Zilinski and John Zilinski.
- **Virtual:** Cody Fortner, Richard Filipek, Melissa Zilinski, Jordan Clendenen, Chris Hatcher, Stanley Wilson, Ethan Whisenant, Mike Kodak, Zachary Honaker, Jimmy Gianato, Robert Bowman, John McGinnis, PJ Pack, Mark Pickett, Josh McKinney, Brantley Whittaker, Dustin McConnell and Jason Redden.
- A copy of the sign in sheet is attached for reference.

APPROVAL OF AGENDA

- Motion By: Loyd Lowry
- Seconded By: Robbie Johnson
- Result: Carried

APPROVAL OF MINUTES

- Motion By: Robert Bowman
- Seconded By:
- Result: Carried

Technical Meeting- Current Versions

- i) Motorola **APX CPS R34.00.00 2024.2 Baseline Release 10/07/2024 – FW R34.02.00 2024.2 Baseline Release 09/11/2024**
- ii) Motorola APX Next – **FW 07.31.00 2024.2 Baseline Release – 10/31/2024**
- iii) Motorola CPS 20.01.00 – Firmware 20.50.10
- iv) Kenwood – KPG-95DGN v 8.30 (10 Series) Firmware – 4.43 (v2) 6.14 (v3)
- v) Kenwood – KPG-112DN V2.33 (20 Series) Firmware 2.21
- vi) Kenwood – KPG-D1N 5.10 (NX-5X00 & 30 Series)–**Firmware 5.16**
- vii) Armada - **1.42.21 – 10/15/2024**
- viii) RES – BKR9000 – **5.8.38 – 07/30/24**

Testing – Tait continues to be tested

Policy and Procedure changes were discussed.

Link Layer Authentication is mandatory in any radio purchased after June 30, 2025. It is encouraged that any future radio purchases be equipped with Link Layer Authentication.

Training and Outreach

New Business

Summers County – Loyd reported on the progress of the Hinton tower site. Summers County is also seeking a radio grant for the fire departments in the county

McDowell County – Bobby Bowman has requested Motorola programming training on both XTL/XTS and APX radios along with Kenwood radio training.

Nicholas County – John McGinnis reports that they will be training in their new 911 building in December and looking to go live.

Greenbrier County – Jordan Clendenen reports the Greenbrier 911 has gone live with the 7500 consoles. Would like to install the intercom feature with nearby counties.

Next meeting will be at Raleigh County 911 Center on December 12 at 10:00 A.M.  
Meeting was adjourned at 1048 by Loyd Lowry.

\*Some of the times were not recorded.