



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Date: 5/10/2021	Time	Location: Teams
Meeting Called To Order: Bobby Hoge		

SIEC Membership & Participation

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

1	Bump, Paul		WV Zone 1 Switch Agency
2	White, Byrd		WV Department of Transportation
3	Channell, Fred	CC	RIC 4 Chairman
4	Dooley, Lisa		WV Municipal League
5	Spence, Josh		WV Office of Technology
6	Zilinski, John	CC	RIC 5 Chairman
7	Miller, Jeffrey		WV Parkways Authority
8	Hart, Tom	CC Proxy – Tony Novell	RIC 2 Chairman
9	Tatum, Mike	CC Proxy – Bob Hoge	WV E-911 Council
10	Cahill, Jan	CC Proxy – Jeff Perry	WV State Police
11	Neal, David	CC	WV SWIC
12	McCallister, Roy	CC	RIC 1 Chairman
13	Crane, Bill		WV National Guard
14	Stephens, Steve		WV Sheriff's Association
15	Piercy, Jennifer		WV County Commission Association
16	Polczynski, Jeff		RIC 3 Chairman
17	Mills, Michael		WV Health & Human Resources
18	Saffel, Dave	CC	APCO
19	Tyree, Ken	CC Proxy – Bobby Palmer	WV State Fire Marshal
20	Mccabe, GE	Proxy – Bobby Hoge	WVDEM Director
21	Vargo, Lou		WV Zone 3 Switch Agency
22	Vititoe, Steve	CC	RIC 6 Chairman
23	Meadows, Dean	CC Proxy – Justin Wolfe	WV Emergency Management Council

Non-SIEC Board Members Present

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

1	RC Faulk	CC	Assistant SWIC
2	Dirk Burnside	CC	RIC4
3	Jim Mangus	CC	RIC 1
4	Dustin McConnell	CC	Harrison County EMS
5	Michael Spangler	CC	WV DNR Law Enforcement
6	Lori Stone	CC	FirstNet Responder Authority
7			
8			
9			



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Previous Minutes Reviewed and Approved

- **Motion:** Roy McCallister
- **Second:** Dave Saffel
- **Motion:** Passed

Technical Committee Report – Dave Saffel

- Programming
 - Current Versioning –
 - Motorola APX 23.00.03 - MEGA Firmware 23.04.00 (CPS shows as currently 23.00.01. Did they pull 23.00.03>?)
 - **Firmware notes** – Do NOT use 23.02.00 when there is a **HARDWARE** ADP encryption board present. If there is any doubt, do NOT use this firmware.
 - **APX Tuner – R22.00.00 (Released November 2020)**
 - 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 4.31 (NX-5X00 & 30 Series)–Firmware 4.24
- System Managers Report – 1st quarter statistics
 - April Stats
 - Monthly PTT's - 3,729,491
 - Calls - 1,988,391
 - Busy - 3,774
 - Talk time - 5,743:54:31 (hh:mm:ss)
 - April Busies
 - Zone 1 - 1,738
 - Zone 2 - 2,421
 - Zone 3 - 63
- TDMA plan – The sites approved last month will move forward with TDMA installation.
- Weston – Director Gum was notified of the lack of frequencies in Lewis County area to populate their new site. It was suggested to him that they attempt to procure business channels OR share UHF channels they already have licensed in their county that are usable. Low Power Pools or **old** business channels are not easily sharable.
- There are several sites that are in need of additional channels. Currently, those sites are:
 - Catherine's – Application to be filed
 - Keeney – Needs analysis.



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

- Review of county profiles – County profiles were checked to determine if the profiles for talkgroups were valid for talkgroups they should be. If there are other SPECIFIC talkgroups in question, we need further information.
- Use of backhaul capabilities – Counties have suggested the possibility of sharing backhaul capabilities that they have in use in counties. From a technical standpoint, once the MPLS network is put in place rather than the current TDM structure, it may be more possible to utilize sharing to facilitate even greater redundancy than we currently have. These thoughts have been forwarded to Mark Smith for further consideration.
- After action reports after major system issues – It was suggested that there needs to be a more formal reporting method (After Action Report) following events to the system. Currently, RC Faulk is tasked with reporting to the Public Safety community outages as he becomes aware of them, and is doing an excellent job of doing so. For the time being, this will probably be the only reporting method that there will be and if more information is needed, specific suggestions are requested to determine what more would be desirable.
- Radio brands usage on SIRN – It has been suggested that Motorola is telling people that radios OTHER than Motorola will not work on the system and they should only buy Motorola products. David Neal is going to address this with Pete Marotta to clarify with him that if this is true, it is not acceptable.
- CSSI capabilities - CSSI was included in the recent (7.18) software update and has the potential to move forward. Consoles that desire to connect will probably have to purchase a CSSI device on their side as well. We were told that could cost as much as \$100,000. Additionally, there is a license for EACH SEAT on a console connection that we believe is going to be \$30,000 PER SEAT. It is likely that each time the SIRN software updates, further purchases of licenses could be required.
- There is a Broadband company that is going to try to provide some Broadband internet to rural areas of the state and have obtained a grant to do so. They are going to be visiting the following sites for a walk through. They were informed by David Neal of the requirements from SIRN, plus the need to coordinate through Paulette Woody for NRAO approval.



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

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	12.5 kHz	12.5 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

Important Kenwood Programming information (UPDATED 04/12/16):

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 (ensures all adjacent sites are searched)

Hunt Option > Sampling Rate = 7 (number of adjacent sites)

Policy and Procedures Committee Report – Rodney Evans

- Discussed needs for a direct connect console policy.

Training/Education/Outreach Committee Report – RC Faulk/Roy McCallister

- RC Faulk announced that Roy McCallister will be assuming the role of Training Chair. Roy McCallister has been assisting RC Faulk in training committee endeavors for some time. *RC Faulk expressed his appreciation to Roy McCallister for his efforts behind the scenes.*
- RC Faulk reported that the eFOG Beta was reviewed by the West Virginia team and feedback given back to the contractors to work on. They are working on that and a date to post to the smart phone stores is forth coming.



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

- Roy McCallister and RC Faulk participated on a scoping call related to the INCM (Incident Communications Center Manager) approval to host the course in August. RC Faulk has prepared a flyer the group reviewed and it was decided to start advertising the opportunity to sign up for the class.

Conference Committee Report – Jeff Perry

- Hoping to have the conference in person this year.
- Topics for the conference are being accepted and can be emailed in to be added to the draft list.

Planning Committee Report – Bobby Hoge

- An updated application for Brooke County was received for an update to their connectivity method. They are planning to utilize a direct connect, and had previously indicated that they would use control points. Ohio County has excess microwave gear that they are in discussions with Brooke County to allow them to use for the new Brooke 911 Center to get back to the Weirton Tower. Mark Smith said the existing microwave radio was sufficient for that project. Application update was accepted.
- The West Union site is still waiting on frequencies and if they can't get any more, they will use the 4 they have now. They are also installing a county VHF simulcast system for legacy radios and should be installed in late June or July.
- Princeton Site continues moving forward with the lease being signed, and are starting on due diligence and working on frequencies.
- HCI battery plants to be installed at
 - Cabela's
 - Coal Mtn
 - St. Mary's
 - Green Knob
 - Romney
 - Rich Mtn
 - Montgomery Hill
 - Keyser
 - Malden
 - Clarksburg
 - Kopperston
 - Horsepen
 - Ida May



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

- Ward Rock
- Hargrave

- The state is working on contracts for use after the exemption.
- Belleville site will use Luttamus frequencies and the county has the GTR's.
- The Weston Site is still in need of frequencies.
- The Wallace site is still in need of frequencies.
- Wileyville site has the check from the tower fund and are working with the landowner.

New & Emerging Technologies – Paul Bump

- Did not meet.
- Lori Stone from the FirstNet responder authority gave a presentation.
- DJ Sigman shared information on a FirstNet deployable.

RIC Region 1 Report – Roy McCallister

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

- Next meeting is scheduled on Thursday May 20, 2021.

RIC Region 2 Report – Tom Hart

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

- Last met on April 21, 2021.
- The group conducted a regional monthly radio test.
- The group reviewed notes and status of sites.
- Tony Novel asked about the usage of business frequencies for sites. He was given three POC's who have previous experience.
- Discussed the State to start using HCI.



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

RIC Region 3 Report – Jeff Polczynski

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

- No report

RIC Region 4 Report – Fred Channel

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

- Next meeting planned for June 15, 2021.

RIC Region 5 Report – John Zilinski

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

- Discussed the TDMA discussions.
- Discussed the Motorola Next radio.
- Next meeting is set for May 13 at the Fayette County 911 in person and virtually both.

RIC Region 6 Report – Steve Vititoe

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- The RIC discussed items mentioned in the technical notes above.
- Tentatively next meeting is in July

Business Conducted

- RC Faulk provided an update that the Aviat tower contractor, Premier Construction, may start installing tower gear in late June or early July that is included with the microwave upgrade project.
- Next meeting is June 7th and will be on Teams.

Meeting adjournment.

- **Motion:** Dave Saffel
- **Second:** Steve Vititoe
- **Motion:** Passed