



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Date: 12/13/2021	Time: 1430	Location: Online
Meeting Called To Order: Bobby Hoge		

SIEC Membership & Participation

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

1	Bump, Paul	CC	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	RIC 2 Chairman
9	Tatum, Mike	Proxy – Bobby Hoge	WV E-911 Council
10	Cahill, Jan	Proxy – Jeff Perry	WV State Police
11	Neal, David		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	Proxy – Bobby Palmer	WV State Fire Marshal
20	Mccabe, GE	Proxy – Jeff Perry	WVDEM Director
21	Vargo, Lou		WV Zone 3 Switch Agency
22	Vititoe, Steve	CC	RIC 6 Chairman
23	Meadows, Dean	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	
2	Dirk Burnside	CC	
3	Jim Mangus	CC	
4	Michael Spangler	CC	
5	Tom Gagnon	CC	
6	Tony Novel	CC	
7	Alex Rayburn	CC	
8	David O'Brien	CC	

Previous Minutes Reviewed and Approved



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- **Motion:** Dave Saffel
- **Second:** Tony Novell
- **Motion:** Passed

Technical Committee Report – Dave Saffel

- Equipment testing – None
- Programming
 - Current Versioning –
 - Motorola **APX 25.00.00** - MEGA Firmware **25.01.00** ←as of 12/10/2021
 - **Firmware note** – 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 4.40 (NX-5X00 & 30 Series)–Firmware 4.40
- System Managers Report
 - System updates –
 - MPLS Conversion – February 2023
- SIRN Stats - Year to Date
 - PTT = 42,214,801
 - Calls = 22,995,141
 - Busy = 46,424
 - Total Voice Time = 66,443 hours, 6 minutes 50 seconds
- SIRN Stats - 7.18 system to Date (from cutover June 3, 2020)
 - PTT = 66,716,321
 - Calls = 36,156,679
 - Busy = 66,865
 - Total Voice Time = 102,398 hours, 56 minutes, 10 seconds



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- There are several sites that are in need of additional channels. Currently, those sites are:
 - Catherine's – Premier is working on updating the ASR. Supply chain issues are holding up moving the Motorola gear from Klondike to the replacement Catherines, but will occur as hardware is available; Aviat is processing order for network gear.
 - Richwood – Some frequencies have potentially located.
 - Clay Tower – Not funded by tower grant at this time.
- Discussion of future licensing of towers – Future licenses will be applied for in the name of the Emergency Management Division. Any other frequencies that are brought to us will be via an MOU. Any MOU should have the ability to also allow the licensing of those same frequencies simultaneously in the name of EMD if applicable. Text to that effect is contained in the ASR policy Page 2 – Section 5.
- West Virginia National Guard donated additional subscriber unit licenses. The current licensing cap now is 49,000 and we have 43,643 in use.
- Loudon County reached out to Jeff Polczynski to get a fleet of APXNext radio's set up on SIRN. This radio has not yet been approved based on past testing and we do not anticipate deviating from our policies. Motorola may resubmit radios for further testing if they desire to do so at any time, but they must meet our policies. We have policies defined regarding radio testing.
- David Neal was approached by JanCare about having a statewide dispatch in return for JanCare giving SIRN all of its frequencies in the State. David Neal told JanCare that we need the details and frequency information in writing.
- Jefferson County did not get the grant for TDMA capable subscriber unit upgrades however TDMA can still be used by others in the region and will stay installed at the Martinsburg site. The population density in that area makes that location beneficial.
- Capital Police are trying to help in getting a generator powered circuit to the SIRN equipment located at the top of Building 5. This has been a work in progress for many years and so far, it has not happened. There is a generator in the building, but it doesn't power the radio equipment.
- Durbin Railroad shared that they have good service so far in testing on their track back to the different county emergency services. Fred Channel advised the service works in places it was not expected to work.



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- Harris XL-185 – All radios that are in our system need tested when the model number is different. We have no ability to know exactly what is in the radio as far as similarity to other platforms once the model number changes. Policy states that each model of radio will be tested prior to approval. Testing of radios of the system is covered in the Radio Equipment Requirements policy.
- Craig County LOC –There should not be an issue in the case of this LOC and it was recommended to be signed with the caveat that should there be interference, they would fix it or cease operation.
- Paulette Woody has retired from the Greenbank Observatory. There is no information on who her replacement is.
- Berkeley County Sheriff's use of PTAC – As long as an agency is using their dispatch channel for normal traffic, then there is not a policy violation if they take other traffic to an encrypted channel.
- Richwood – There needs to be a determination if SIRN is going to provide the site equipment for a SIRN site at a Richwood location.
- Clay Tower – Clay County has applied for a tower grant. The grant was not approved and it was suggested that they might look at a smaller tower (190 foot) that would require less funding plus would potentially make frequency procurement a little easier.
- Belleville site is still moving with the county techs having installed the hardware gear in the Motorola rack. Mark Smith has discussed site connectivity with the Wood County tech and the county is now waiting on pricing information from Motorola.
- The standing fire patch that was in use for Kanawha County Fire has been deactivated by Dave Erwin. That testing is complete and the patch was stood down.

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



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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 – John Zilinski

- Committee finalized review of three policies from last month and will be presented to the group.
- Committee then began initial review of four additional policies and work will continue on those.

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

- Roy McCallister reminded the group of the need to review the TA catalog so that we can make our choices and provide them to ECD in January or February at the latest.
- RC Faulk reported that the January NX class held at Kanawha 911 is full already.
- Tom Gagnon reported that there are now status changes to the existing TA's that we have submitted.

Conference Committee Report – RC Faulk

- The 2022 Conference has been booked at the Camp Dawson facility.
- Those dates are Sunday, September 25 thru Thursday September 29, 2022.
- Camp Dawson is getting a lot of business and we had to book these dates quick as the other options were already taken.



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Planning Committee Report – Bobby Hoge

- Application update for the Hardy County BOE under Hard County.
- Application update for Princeton Healthcare under the Mercer County Umbrella.
- Application update for the police at the Beckley VA will operate under the Raleigh County Umbrella.
- Application from Highland County EMS was received and it was suggested that they coordinate with Pendleton County and come in under the Pendleton Umbrella. RC Faulk will share that information with them.
- Application from the Martinsburg VA for console and subscriber access was received and it was suggested that they coordinate with and come in under the Berkeley County Umbrella.

New & Emerging Technologies – Paul Bump

- Participated in the discussion of the APXNext radio in conjunction with the Technical Committee.
- FirstNet was not able to participate on today's call.

RIC Region 1 Report – Roy McCallister

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

- Next meeting is Thursday, the 16th of December at 10am virtually.

RIC Region 2 Report – Tom Hart

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

- Let met on November 16, 2021 in Ohio County.
- Discussed sites and status reports as presented during the previous SIEC meeting.
- Discussed the ISSI is on hold due to the Belmont County Microwave upgrade project.
- RC Faulk asked about the correct POC for Brooke County. Tony Novel is to provide that information.



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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

- Fred Channel reported that they have not met but has been assisting Randolph County with getting ID management set up to happen locally.
- Fred Channel reported that he will be assisting Barbour County in getting ID management set up locally once he has finished helping Randolph County.

RIC Region 5 Report – John Zilinski

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

- Last met on November 18, 2021 and reviewed the previous SIEC meeting.
- David Neal provided an update on some of the status of sites in the area.
- It was reported that the Jesse Site was purchased and is no longer a viable option.
- The next meeting is set for January 13, 2022.

RIC Region 6 Report – Steve Vititoe

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- Nothing to report.

Business Conducted

- RC Faulk provided the list of proposed 2022 meeting dates. Members were advised to look at the dates and the potential interference and be prepared for discussion at the January 2022 meeting.
- Tony Novel asked about meeting in person, but the meeting will be virtual again.
- The next meeting will be January 10, 2022.

Meeting adjournment.

- **Motion:** **Dave Saffel, Second: Fred Channel**
- **Motion:** **Passed**