West Virginia
Statewide Interoperability Executive Committee
Meeting Minutes

Date: 05-09-2022	Time: 14:57	Location: Flatwoods RETI
Meeting Called To Order: Bobby Hoge		

SIEC Membership & Participation
(X – Present; Blank – Absent; X-CC – Present via Conference Call)

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

Non-SIEC Board Members Present
(X – Present; Blank – Absent; X-CC – Present via Conference Call)

1	RC Faulk	X	Assistant SWIC
2	David O'Brien	X	Kanawha Co 911
3	Jim Mangus	X	RIC I
4	Tom Gagnon	X	CISA
5	Dustyn McConnell	X	Harrison County Emergency Squad
6	Bill Wood	CC	SIRN
7	Michael Spangler	CC	WV NRP

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Previous Minutes Reviewed and Approved
- **Motion: Dave Saffel**
- **Second: Danny Kirby**
- **Motion: Passed**

Technical Committee Report – Dave Saffel

- Equipment testing – Loudoun County APX NEXT radio was upgraded to version 26 firmware (remotely!) and tested. It behaves exactly like any other high end APX radio. **Committee recommends approval of the APXNext radio for use by only Loudon County Virginia Fire/Rescue only, pending the arrival of the rest of the APXNext radio gear to SIRN in accordance with policy, Dave Erwin Second, Motion Passed.** Motorola will be notified of the conditional approval.

- Programming
  - Current Versioning –
  - Motorola **APX 26.00.00** - MEGA Firmware **26.03.00 ←as of 12/21/2021**
  - **Firmware note –** There is new version MEGA Firmware **26.04.00** released **April 27, 2022**. Release notes are available on Motorola online.
  - **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 4.51 (NX-5X00 & 30 Series)–Firmware 4.51-adds their version of ADP to the radios if you get the license (no cost)

- System Managers Report –
  April 2022
  Total Calls = 2,531,313
  Busy = 6,999
  Total PTT's = 3,514,659

- Discussion of Last Mile Connection policy – A working group will be formed of Technical Committee members to create a policy memorializing the last mile technical requirements.

- Sheperdstown Radio issues – The Blue Ridge Tower site has been determined to have antenna issues. There are antennas ordered and will be replace upon arrival. If the problem still exists in the same way after they are replaced, further investigation will be conducted. This was early on blamed on the software upgrade, which probably set back investigating the problem.

- Loudoun County – Dave Saffel participated on several calls with Loudoun County Virginia Fire/EMS personnel. Dave Saffel learned that in addition to providing mutual aid to Jefferson County, they also responded to Hampshire, Berkeley, and Morgan Counties at times. A zone channel assignment was created in their code plug that was provided for testing that facilitated that, in addition to Jefferson County.

- Wood County – Mid Ohio Valley Health Department – requested their own talkgroup to be created. Historical discussion ensued and system manager made recommendation that they utilize the existing local use and extended use talkgroups that they have access too. Technical committee supports system manager recommendation.

- Barbour County – Requested a new talkgroup dedicated to emergencies. System Manager recommendation, OK. Technical Committee Concurs.

- McDowell PSD – Requested a new talkgroup for the PSD. Approved from the Technical Committee standpoint.

- Putnam County - Dave Saffel had a lengthy discussion with Mikyle White of Putnam County at the APCO Conference. Mikyle presented a plan for Putnam County for four towers they are hoping to build and populate with at least an upgrade to their VHF legacy system, adding P-25 repeaters, and then possibly multiband subscriber units to facilitate SIRN access with their subscribers where possible. It is intended that they will provide the ability for SIRN to add radios and microwave to the sites to add much better SIRN coverage to that area.

- Berkeley County update provided by Motorola. The city of Martinsburg wants to add 2 positions of MCC7500E via a VPN proxy to the Berkeley County 911 Console site. It will be a Motorola engineered and installed solution. It will be a similar solution as what the WVSP has in place, except it will be on a dark fiber between the two locations with appropriate firewalls.

- Berkeley County wants to add a capability to their existing MCC 7500 machines that will allow an application developed using the Motorola SDK running on the MCC 7500 PC that will traverse through a firewall to a server located on their CEN to facilitate direct CAD generation of paging tones onto their paging repeaters. This capability eliminates the step of having the CAD operator spinning around to the MCC 7500 operator position to click the icon that sends out the paging tones. The network design is very similar to how an AIS operates to achieve IP recording.

    o Technical Chair Recommendation – First and foremost, we need a request from Berkeley County and/or the City of Martinsburg. Without that, and approval of the Technical Committee, nothing at all should be done.

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- Console sites that refuse security updates and patches – This was discussed at length and it was decided this would be handled between Motorola and Administration.

- Harrison County tower structural issues – One engineer says that Shinnston tower needs to be replaced due to a split leg. One company says they can do an inspection and determine the fix. This is a follow to the report from last month.

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)

Cyber Security Sub-Committee Report – Danny Kirby

- Has not met

Policy and Procedures Committee Report – John Zilinski

- Reviewed the following to finalize documents:
  - Common Language
  - NIFOG recommended programming
  - Emergency Button Usage
  - Medical Command
  - Talkgroup usage and restriction

Training/Education/Outreach Committee Report – Roy McCallister

- Roy McCallister will check with Sandy Green about advertisement of the upcoming COML class.

- Tom Gagnon reported on the TA opportunities on the books for West Virginia.

- Jim Mangus will work on logistics of putting together an in-person WV AuxComm class.

- Dave Erwin believes that the NX class may be able to be rescheduled for June of 2022 that was previously put on hold.

Conference Committee Report – Steve Vititoe

- RC Faulk will reach out to contact a guest speaker.

- Tom Gagnon advised he may have come CISA topics he can provide for the agenda.

- RC Faulk will work with WVI to set up the online registration portal.

- RC Faulk has developed a Save the Date flyer for the Conference and will review with the group.

- RC Faulk has asked Camp Dawson for 2022 Conference rates and information and that will be forth coming within a week.

- Discussion ensued about the formulation of agenda items and breakout topics.

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Planning Committee Report – Bobby Hoge

- Updated application for participation received from McDowell County to include the McDowell PSD. RC Faulk will update the website.

- Dingess – The tower analysis is complete and PASSED with SIRN's new equipment. The intermod is in progress and should be done in about two weeks. That will be the last part of engineering approval and Construction could then write the NTP as long as they've received the approved contractor info. Needs SIRN ASR site, microwave, building, generator. Mingo has $ 76,000 grant for the microwave

- Hinton – Will check to see if Summers County will assist in doing the due diligence for the site.

- Horsepen – site visit scheduled for May 17 with AEP. Have met and submitted a request to Pocahontas Land to transfer lease from Forestry to EMD.

- Princeton – work continues on the site with the electric and the concrete pads. The site boss has arrived and the shelter and ASR site is due in mid-June. The generator is due July 1st.

- Weston – Lewis County working to find UHF frequencies.

New & Emerging Technologies – Paul Bump

- The NG-911 State Committee has recommended 12 people with 2 people emphasized for participation.

- FirstNet reported that they are seeing delays in acquiring Apple and Samsung devices into the summer months.

- FirstNet reported that there is a new Netgear Night Hawk for 5G.

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

- Last met on 4/27/2022

- Discussed previous SIEC meeting

- Discussed the COML and AuxComm

- Discussed the ITSL that was cancelled

- Discussed statewide talkgroups

- Next meeting May 9, 2022

RIC Region 2 Report – Tom Hart
Hancock, Brooke, Ohio, Marshall, Wetzel, Tyler, Doddridge, Harrison, Marion, Monongalia, Preston, Taylor

- Next meeting is scheduled for May 19th at Ohio County 911.

RIC Region 3 Report – Jeff Polczynski
Grant, Hardy, Hampshire, Berkeley, Jefferson, Mineral, Morgan

- Next meeting set for May 11th at 10am.

RIC Region 4 Report – Fred Channel
Pocahontas, Pendleton, Webster, Randolph, Tucker, Barbour, Upshur, Braxton, Gilmer, Lewis

- Next meeting set for May 19th.

RIC Region 5 Report – John Zilinski
Mercer, McDowell, Wyoming, Raleigh, Summers, Monroe, Greenbrier, Nicholas, and Fayette

- Met April 14, 2022

- Discussed hospital radio's and there may be a regional hospital communication exercise.

- Discussed the need to update POC's and get information to RC Faulk.

- Discussed updates to the Hinton site project.

- Next meeting is TDB.

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RIC Region 6 Report – Steve Vititoe
Cabell, Boone, Lincoln, Logan, Mason, Mingo

- Last met on April 14, 2022.

- Discussed the busiest sites for PTT's.

- Discussed where each county TG is valid.

- Discussed that Mindshare has taken over 4 of the 6 county dispatch centers and are not interested in connecting to the SIRN system.

- Discussed broadcast paging.

- Discussed medical command radio transmissions calculated to be 70% conventional.

Business Conducted

- Dave Erwin reported that KRT had service at Rotary Park and no longer need that because that route is gone. Dave Erwin will report to system manager what is no longer needed and can be removed from the tower site profile list.

- Next meeting is June 13, 2022 at Flatwoods RETI.

Meeting adjournment.
- **Motion:**   **Danny Kirby**
- **Second:**   **Paul Bump**
- **Motion:**   **Passed**