



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Date: 9/20/2021	Time: 1400	Location: Online
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	Proxy – Dave Erwin	WV Municipal League
5	Spence, Josh		WV Office of Technology
6	Zilinski, John	CC	RIC 5 Chairman
7	Miller, Jeffrey	Proxy – Tyrone Gore	WV Parkways Authority
8	Hart, Tom	CC	RIC 2 Chairman
9	Tatum, Mike	Proxy – Bob Hoge	WV E-911 Council
10	Cahill, Jan		WV State Police
11	Neal, David	CC	WV SWIC
12	McCallister, Roy		RIC 1 Chairman
13	Crane, Bill	Proxy – Danny Kirby	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		WV State Fire Marshal
20	Mccabe, GE	Proxy – Bob Hoge	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	Tony Novel	CC	RIC2
2	Dirk Burnside	CC	Technical Committee
3	Dustyn McConnell	CC	Harrison Co EMS
4	Jim Mangus	CC	RIC1
5	Leanne Lehew	CC	ATT
6	DJ Sigman	CC	ATT
7	Brad Hartley	CC	DEM
8	Bill Wood	CC	Technical Committee
9	Lori Stone	CC	FirstNet



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Previous Minutes Reviewed and Approved

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

Technical Committee Report – Dave Saffel

- Equipment testing – None
- Programming
 - Current Versioning –
 - Motorola **APX 25.00.00** - MEGA Firmware **24.01.00**
 - **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 – Month of August
 - PTT=4,010,411
 - Calls=2,200,389
 - Busy=6,266
 - Hours=6,160:26:22 (hh:mm:ss)
- Channel repair to the Salem site is complete.
- Restored redundancy to the Clendenin site.
- There are several sites that are in need of additional channels. Currently, those sites are:
 - Catherine's – Application to be filed – STILL Waiting for one LOC from Wheeling prior to filing application. Lou Vargo indicated he would reach out to the licensee.
- Lick Knob discussion – Tyrone – Has there been any progress on the second site. NRP has inquired if we had located a second site. Boone & Raleigh Counties looked at a site in Boone and it was not acceptable. Beyond that one site, there has not been anything that we are aware of. Tyrone is going to respond to them and explain that we are only



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going to accept a piece of property with a deed, and if we get a second site to equal Lick Knob that would need a deed as well. SIRN is NOT interested in a site that would be leased.

- There was a concern about the Laurel site that it may have leg water issues like we dealt with at Catherines, but that does not appear to be the case. Justin Wolfe is working additional on this. They really don't believe that there are issues with the legs. The legs are solid, so the same water issue cannot take place as it did at Catherines. Marion is going to check on possibly removing grout around the base and do a good inspection.
- Trunk trailer was deployed to support National Guard event; very restricted usage profile for on property support; worked quite well; 2,983 PTT's and one busy was handled on it.
- Note that busies have been climbing, but the number of PTT's have not been changing that much. The only system changes the last few months was the State Police changed 61 of their talkgroups to all valid all sites statewide.
- The temporary restriction change to the trunk trailer was restored to default following the conclusion of the National Guard event. As noted, the low numbers earlier in the year resulted from our review of the access profiles and fixing things were not as they should have been from the conversion over from the old platform to the new.
- We will begin the conversion of 13 ASR sites and 3 master sites to HCI ZPMs from the current DC power plants. RC Faulk told the vendor HCI and the contractor Premier Construction that they must have the job completed by Friday the 5th of November. Further, he emphasized that they are to keep sites operational while the conversion installation is handled and if they take site down, we need to know in advance. A technician will be on site to monitor contractor performance. HCI and Premier were both told that they are NOT permitted to take Cabela's, Clarksburg, or Malden off the air during the installation. They must plan for and perform a hot cut from one power system to another. Monday the 27th he will be meeting with the installation team from Premier and from HCI on site at Cabela's to discuss the importance of the master site and to begin the installation planning process. The team will then travel to the Roanoke site to view a completed install. The 28th of September will be the first install at Haines, overseen by Fred Kinder. Haines was chosen as a top site due to access issues/winter weather setting in we cannot wait to get that done. Cabela's will be second as it is in a failure status and there is no reason not to get that fixed.
- Cybersecurity subcommittee – Report from the Cybersecurity subcommittee
- Upshur County has been attempting to get a price from Motorola for a price for the CSSI to connect their Mindshare console to the system. Dave Saffel attending two seminars at APCO regarding testing of P-25 products and their compatibility. There are currently no



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products that have gone through CAP testing for CSSI compatibility. As such, anything that is proposed by a vendor to work has no guarantee that it actually will be compatible.

- The Tait representative at APCO talked to me about getting their new models tested. I advised him that new policy required the manufacturer to provide us with four radios, chargers, cables and un-expiring software. He had no problem with those requirements and would be contacting us regarding testing.

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 – John Zilinski

- Nothing to report.

Training/Education/Outreach Committee Report – Roy McCallister

- INTD course was full, but several students didn't do the required check-in, but the course is going on as planned.



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Conference Committee Report – Jeff Perry

- The group received several comments about how it went, the content was well received, and had over 70 attendee's each day.

Planning Committee Report – Bobby Hoge

- Marion County application update for Grant Town EMS.
- Barbour County 911 application for Elite Dispatch with Micrologic connectivity with Motorola engineered transport approved by Mark Smith was received. Motion to approve by John Zilinski and Second by Dave Saffel.
- SWIC Report
 - Microwave project – working on engineering and site planning
 - Light & Antenna repairs – 11 estimates have been received from Premier Construction; can now move forward with those jobs.
 - Belleville – GTR radios are at the site; they still need a site controller and RC is assisting with wiring, support, and software
 - Confidence is a county site in Putnam. They are analyzing bids.
 - Dingess – has submitted payment to AEP for structural analysis
 - Gary – waiting on info from EMD on equipment grant and proceeding with the structural on the Crown castle site
 - Gilbert – AT&T site, SIRN hoping to collocate; nothing new.
 - Hinton – waiting on tower contract, then buy a tower, then bid out the construction
 - Horsepen - Contacted Tim Cole x 2, no response. 180' self-support. Can Forestry or WVSP renew lease and then sign MOU for property? In short term, AEP & Premier looking to replace generator to keep site up and operational
 - Malden - Unloading existing towers, T-Mobile abandoned. Nothing on additional tower
 - Princeton - Due Diligence completed. GEO report forwarded to Allstate tower for foundation design. Generator and transfer switch ordered
 - Wallace – working with Premier to acquire the needed IRP antennas and feedline; once the State provides what is needed for the site, the county will re-license the site for the base stations.
 - West Union/Doddridge - still waiting on Premier Construction to finish the fencing around the tower site. The microwaves for the simulcast system have been installed and we will be installing the IRP radio equipment into the building. Our only issue will be getting the state out to turn everything on. Once done all of



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the county radios will be reprogrammed to the new system. In order to get the state out we need to sign an MOU, in initial review.

- Wileyville/Wetzel Co - Working with Premier Construction. Preparing to order tower. Using Mercer County menu bid.
- Wyoming Co - Jesse tower owner (Hunter Communications) offers to sell 350' self-support for \$125,000 & assume land lease. Wyoming County not interested without cell colocation. 5.9 miles to Twin Falls, 9.8 miles to Bolt Mtn, 21.4 miles to WMG
- Zenith/Monroe Co (37.473056, -80.552778) Working with Giles Co VA to develop site on Peters Mtn. Looking to install Elite Consoles, move to SIRN, possible SIRN site and microwave hop to 9-1-1 center. Dave Saffel did interference contour, not good for possible frequencies> Lauttamus is not available there

- **CONTRACT STATUS**

- Towers - Passed another hurdle, has paperwork and signatures. All State Tower, solid leg towers. Finished hopefully week or two
- Generators - In purchasing for review. Couple vendors are interested. Needs to go out for bid.
- Subscriber units - Jeff Perry working on this
- Buildings - Looking to purchase through Premier Construction contract
- Antenna/Feedline/Parts - Do not have a contract. Not sure how to proceed to list an entire catalog, like TESSCO
- Antenna Repairs - Premier is supplying all antennas, coax, and parts for repairs
- Motorola Repairs - Have debit account for advance repairs and depot repairs. 24 hours turn around
- Motorola RF Site - Nothing in place, hope to do a change order with Motorola for RF site purchase, trying to figure out how to proceed

New & Emerging Technologies – Paul Bump

- Did not meet

RIC Region 1 Report – Roy McCallister

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

- No meeting as they planned to meet at the Conference

RIC Region 2 Report – Tom Hart

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

- Last met on April 21, 2021
Discussion:



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- Discussed upcoming classes
- Discussed tower updates for sites in the RIC
- Discussed the ISSI feature
- Discussed upgrades and issues at Preston and Marshall
- Discussed new policies related to Elite Dispatch
- Discussed state police shutting down some dispatch centers
- Discussed upcoming conference
- Next meeting planned to be at the Conference

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

- No report

RIC Region 5 Report – John Zilinski

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

- No meeting as they planned to meet at the Conference

RIC Region 6 Report – Steve Vititoe

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- No meeting as they planned to meet at the Conference

Business Conducted

Next meeting is set for Tuesday, October 12th, 2021 virtually due to the Columbus Day holiday.

Meeting adjournment.

- **Motion:** Dave Saffel
- **Second:** Danny Kirby
- **Motion:** Passed @ 14:18