



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Date: September 12, 2022	Time: 13:58	Location: Flatwoods
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	CC Proxy – Patrick Shea	WV Department of Transportation
3	Channell, Fred	X	RIC 4 Chairman
4	Dooley, Lisa	CC Proxy – David Erwin	WV Municipal League
5	Spence, Josh		WV Office of Technology
6	Zilinski, John		RIC 5 Chairman
7	Miller, Jeffrey	CC Proxy – Tyrone Gore	WV Parkways Authority
8	Hart, Tom	X	RIC 2 Chairman
9	Tatum, Mike	Proxy – Bobby Hoge	WV E-911 Council
10	Cahill, Jan	Proxy – Chris Shrader	WV State Police
11	McConnell, Dustyn	X	WV SWIC
12	McCallister, Roy	Proxy – Jim Mangus	RIC 1 Chairman
13	Crane, Bill		WV National Guard
14	Stephens, Steve		WV Sheriff's Association
15	Cadle, Pat		WV County Commission Association
16	Polczynski, Jeff	CC	RIC 3 Chairman
17	Ratliff, Jody	CC Proxy – Tim Priddy	WV Health & Human Resources
18	Saffel, Dave	X	APCO
19	Tyree, Ken	Proxy – Bobby Palmer	WV State Fire Marshal
20	Mccabe, GE	CC	WVDEM Director
21	Vargo, Lou	CC	WV Zone 3 Switch Agency
22	Vititoe, Steve	CC	RIC 6 Chairman
23	Rose, Richard	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	X	Assistant SWIC
2	Tony Novel	X	RIC 2
3	John Gorby	X	DCR
4	Mike Spangler	X	DNR
5	Jeremy Higginbotham	X	Huntington MedComm
6	Torie Geis	X	Charleston MedBase
7	Bill Wood	X	SIRN
8	DJ Sigmon	X	FirstNet
9	Jon Farmeire	X	FirstNet



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Previous Minutes Reviewed and Approved

- **Motion:** **Jim Mangus**
- **Second:** **Dave Saffel**
- **Motion:** **Passed**

Technical Committee Report – Dave Saffel

- Equipment testing – Testing has begun on the Motorola NEXT radio that was provided. Motorola has not provided the number of required radios, chargers, cables, and software. Testing that was started showed that the radio did not include Encryption, Multikey, and Intelligent Priority Scan. Pete Marotta is supposed to be getting that capability and providing update to this radio. Approval of testing will not be complete until Motorola has provided all required equipment.
- Programming
 - Current Versioning –
 - Motorola **APX 27.00.01** - MEGA Firmware **27.03.00**
 - **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 4.6 (NX-5X00 & 30 Series)–Firmware 4.6-adds their version of ADP to the radios if you get the license (no cost)
 - Armada -
- System Managers Report – August 2022
 - Calls = 3,061,534
 - PTT = 3,792,026
 - Busy = 8,833 (2nd highest month of busy since 7.18 went live)
- Lick – The coal company wants very much to mine that location. So far, no property has been located that may be purchased and deeded to the State just as Lick Knob is currently. The coal company had been looking primarily on only their property. As nothing has been located it is now desirable that WE look for property that may be outside of the coal property. If you know of ANYTHING that you think would be desirable to replace Lick Knob, you need to contact Dustyn (swic@wv.gov) with Location name AND coordinates as best can be determined. Owner's name would also be helpful, is there a road/access?
- Encryption CKR99 - It would be wise to program a channel in each Region labeled something like REG# CKR99.



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- Clay County - Mt. Pisgah – grant approved; major questions about the site. Clay Co. has funding to buy the microwave and radio equipment. We need a 1A to be able to determine frequencies (Tower is 240 feet – 73.1m).
- Belleville – on the air and passing traffic. RC Faulk finished site programming but the site was not behaving correctly, had an issue with multi-coupler. Wood County got a new multi-coupler and found an issue with polyphaser connections and repaired that last Friday.
- Blueridge – Fred Kinder is still trying to make portables work. Believed channel 1 was an issue and RC Faulk gave him a new channel 1 but did not seem to provide relief. Discuss Preferred Site programming – Jeff P. realizes with the map that was displayed at the SIEC meeting that preferred sites are really not good in that area.
- Wallace – RC Faulk and Greg Sluss will be making a site visit to begin physical installation of the IRP racks; still no frequencies for the site to use.
- Aviat Upgrade – Aviat plans to begin around mid-October to begin installing new microwave gear for the upgrade project at Clarksburg and work out from that side heading east.
- Brooke County Direct Connect – Brooke County has dark fiber from their Center to the nearby site that they hope to connect to from Horizan. They have been working with Motorola regarding using a fiber connection for this last mile. The whole thing is engineered by Motorola (thus complies with policies).
- Glenville –Revival Ministries desires to add a transmitter to the site.
 - Requesting tower space at 150 feet on the tower
 - Non-Commercial Full-Service FM - WVGL - 91.1 MHz - 6 kW ERP
 - 15' (2)-Bay FM Antenna w/ (1) 1-5/8" Coax @ 145'Ground Space: Up to 4' x 4'
 - 24' (3)-Bay FM Antenna w/ (1) 1-5/8" Coax @ 145'. Ground Space: Up to 4' x 4'
 - Rack space inside for transmitter
 - Technical Committee Questions
 - What is the actual power of the transmitter – Watts Consumed per hour
 - What is the frequency?
 - Who is paying for THEIR power usage?
 - Are they using a Studio to Transmitter link?
 - Other questions?
 - **Committee motion to not allow on the tower or in the building. Second by Dave Erwin. Unanimous approval to NOT allow in the building or on the site.**



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- Doddridge EMS versus Ambulance Authority using EMS Private – DCAA and Doddridge EMS are two different agencies, but using the same talkgroup. **Committee motion to create a second talkgroup for the Doddridge County Ambulance Authority. Seconded by Tony Novel. Unanimously approved.**
- All of the Physician talkgroups that were approved at the last meeting have been created and are now active for use.
- Huntington MedComm reported to be using SIRN now. MedComm staff advised it seems to be working well. RC Faulk will run some traffic studies each month and see what is happening in the area.
- The last two master sites have been upgraded with replacement 48v DC power plants that are built and configured correctly for the unique needs of a master site. The state has transitioned to a new DC power plant vendor. 16 sites that are in need new power plants have been identified; most of which are original to the radio project and are either dead or in near-dead status.
- Barbour County installed their 911 Direct Connect consoles last week. Dave Posey has requested that we dispatch Dave Eubank to work on the recorder. Dave Eubank does not work for us and we have no ability to do that, and it is not our responsibility. It is the recommendation of the Technical Committee that the County deal directly with Eventide Corporate.
- Wetzel County got tower assistance money to put a tower up at Wileyville. The County had five frequencies, but gave one to New Martinsville PD as it was their expired frequency. They want to apply for a grant to buy a site. They use it only for secondary use, not as a primary SIRN site.
- It was reported that Wood County is moving to encrypt the county legacy P25 to DES encryption.
- RC Faulk will monitor the usage of 911 talkgroups for dispatch purposes for day-to-day operations which is not what they were designed.



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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 (insures all adjacent sites are searched)

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

Cyber Security Sub-Committee Report – Danny Kirby

- Did not meet.

Policy and Procedures Committee Report – John Zilinski

- Did not meet.

Training/Education/Outreach Committee Report – Roy McCallister

- Jim Mangus reported that 9 students are registered for the upcoming COMT Course at Flatwoods 10-31 to 11-4.
- The WV AuxComm course just completed with 8 students attending.
- There are three additional courses on the schedule with CISA for TA offerings:
 - ITSL
 - INCM
 - RADO
- There is also a WV SCIP workshop to be finalized during the Winter 2022/early 2023.



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Conference Committee Report – Steve Vititoe

- RC Faulk reported the following for Conference 2022
 - Registrations
 - 28 SIEC
 - 124 Individual attendee
 - 13 Vendors
- RC Faulk is working with those who want to attend programming courses to make sure they are verified and ready before coming to Camp Dawson.
- RC Faulk will provide each programming course instructor a list of the approved students.
- Motorola was the only vendor to pick up a special sponsorship by doing the Monday night social.

Planning Committee Report – Bobby Hoge

- Work will be commencing on updating SIEC by-laws to mimic the CSR.
- Projects:
 - Dingess – AEP is waiting on intermod studies and the frequencies will be submitted to AEP.
 - Hinton – still needs a construction contract and shelter; Frequency request has been submitted to Radio Soft.
 - Lost City – working on road construction and tower pad.
 - Marlinton/Thomastown – prop study was not as good as it was thought to be; going to look for a different location.
 - Princeton – site work continues. The microwave is complete and the radio gear is being installed and set up.
 - Valley – geo report back and work is underway to tear down the old tower.

New & Emerging Technologies – Paul Bump

- Did not meet.

RIC Region 1 Report – Jim Mangus

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

- Last met on August 25th, 2022
- Reported that Greg Shafter from the FBI is retiring and the new contact will be coming from Pittsburg.
- Reported progress on Confidence in Putnam County will be done in November.
- Next meeting is at the Conference.



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RIC Region 2 Report – Tony Novel

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

- Last met on August 25th, 2022
- Discussed training events in the area
- Discussed the Conference and programming courses available there
- Discussed area site status
- Reported Belmont County Ohio is still working on Microwave upgrade
- Discussed the Hancock County 6 channel DMR system
- Next meeting at the Conference

RIC Region 3 Report – Jeff Polczynski

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

- Last met on August 17th 2022
- Discussed efforts at Blueridge and Shepherdstown
- Encouraged people to attend the Conference
- Discussed Maryland First
- Next meet is at the Conference

RIC Region 4 Report – Fred Channel

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

- Next meet at the conference

RIC Region 5 Report – John Zilinski

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

- No report

RIC Region 6 Report – Steve Vitito

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- Last met on August 18th, 2022 but not enough for a quorum
- Discussed projects in the region
- Reported on Cabell County upgrading county system to simulcast P25 system and updating the Microwave
- Next meeting is at the Conference



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Business Conducted

- GE reported Richard Rose conducted a SIRN usage report. 55 of 55 counties reported information.
- Next meeting is October 11, 2022 at Flatwoods.

Meeting adjournment.

- **Motion:** **Dave Saffel**
- **Second:** **Jim Mangus**
- **Motion:** **Passed**