



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Date: October 8, 2019	Time: 08:00	Location: Flatwoods
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	Burnside, Dirk	X	WV Department of Transportation
3	Channell, Fred	X	RIC 4 Chairman
4	Dooley, Lisa		WV Municipal League
5	Spence, Josh		WV Office of Technology
6	Evans, Rodney	X	RIC 5 Chairman
7	Gore, Tyrone	Proxy – RC Faulk	WV Parkways Authority
8	Hart, Tom	X	RIC 2 Chairman
9	Hoge, Bobby	X	WV E-911 Council
10	Patterson, Reginald	Proxy – Jeff Perry	WV State Police
11	Neal, David	X	WV SWIC
12	McCallister, Roy	X	RIC 1 Chairman
13	Ogle, Jody	Proxy – Danny Kirby	WV National Guard
14	Palmer, Larry		WV Sheriff's Association
15	Parsons, Vivian		WV County Commission Association
16	Polczynski, Jeff		RIC 3 Chairman
17			WV Health & Human Resources
18	Saffel, Dave	X	APCO
19	Sharp, Bob	X	WV State Fire Marshal
20	Todorovich, Michael	CC	SIEC Chairman/ WVDHSEM Director
21	Vargo, Lou	X	WV Zone 3 Switch Agency
22	Vititoe, Steve	X	RIC 6 Chairman
23	Wolfe, Justin	X	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	Mark Yost	X	WVSP
3	Jim Mangus	X	RIC 1
4	Fred Kinder	X	FCVA
5	Joe Harless	X	WVSP
6	Tom Gagnon	X	ECD CISA
7	Dustyn McConnell	X	Harrison County Squad
8	Steve Antolini	X	WV DNR
9	Bob Baker	X	Motorola
10	Peter Marotta	X	Motorola
11	FD Singleton	X	Motorola



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Previous Minutes Reviewed and Approved

- **Motion:** Danny Kirby
- **Second:** Roy McCallister
- **Motion Passed**

Technical Committee Report – Dave Saffel

- Report from Frequency procurement
 - Status of frequency searching
 - New Sites –
 - NTIA – None
 - Business – None
- Equipment testing –
 - Update on mobile radio testing of the unit that Rodney has. – Trunking is not enabled in the radio (GME Model)
 - BK requesting 2 new radio's to test. The KNG-2 and the BKR9000. We are awaiting the hardware to come in. Not sure if they will arrive prior to the meeting.
 - Kenwood VM7000 – While the same programming software is used on this radio and earlier versions, this is a totally new radio with versions from Low Band to 800 MHz and needs to be tested and approved.
- Site Updates
 - WVSIRN –
 - Microwave –
- System Version Upgrade Status – Dave Eubank
- Programming
 - Current Versioning –
 - Motorola APX 20.00.03 - MEGA Firmware 20.33.00 <- **Hold updates pending testing**
 - Motorola CPS 20.01.00 – Firmware 20.50.09 (possible firmware problem)
 - 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 4.00 (NX-5X00 & 30 Series)–Firmware 2.61
- Mobile Antennas – The technical committee is going to create a document of recommendation of antenna types that are desirable for use in the SIRN system. Further discussion of currently installed antennas took place at this meeting
- Add two channels to the following:
 - Coal Mountain
 - Lick Knob
- New site – McDowell County – Gary
- Several people reported potential issues with roaming, potentially adjacent site lists. Maybe a working group to look over these to see if we can work out some issues? During the discussion of Adjacent site lists it came up that there is now a potential to add 15 adjacent sites, currently we are limiting it to 7, but there were some older radios that



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we need to investigate if they will work correctly, I think we should at least discuss this with the ST and see what they think.

- We had additional reports of previously approved programmers that are not properly programming equipment. Discussion of penalties for breaking SIRN policy. Will add the state code that applies to this in policy.
- During one of the presentations we heard about some radios will do Wi-Fi communications to the system if it is permitted, this has sparked several questions for in building coverage and difficult area coverage, we should take a look at this feature and see if it is something we could work out. – This is possible, but it is not as simplistic as just turning it on.
- Radio programming came up quite a bit and several people had ideas about templates, standardized language, etc., while we have recommended this, the general feelings were we should take a stronger stance on what should be in a radio. – Talkgroup list will be given to the SWIC for dissemination.
- The National Park Service brought to light the need to consider a policy for Non-Traditional users (i.e. River EMS, Private Fire Departments, etc.) – It is up to the individual county to work with those responders to allow and arrange for access to the system.
- The desire for information to be passed via a secure portal was asked, especially if we develop templates and such for programmers to use, Kenwood firmware was also asked, since we distribute it most programmers do not have access to it as they do in MOL. – Paul and RC will work on this.
- The policy that discusses software system keys and prohibits hardware keys needs to be discussed. It appears that many radio companies are using hardware keys, if we keep the current policy, we have radios that will no longer be approved. There is also a technical discussion here with the use of software licensing keys, and hardware system keys we need to look at how to proceed.
- We announced the use of TDMA on some sites, we need to discuss the technical programming information, i.e. band plan programming. If we are stressing the addition of plan 3, 4 & 5 in all radios some have asked if there will be modification, they need to make in programming for TDMA so they do not have to touch them more than once.
- Radio testing, “senior programmers”, etc. as far as software and equipment to test, should we make a change to policy that would require an approved radio to say give licenses to testers, should they expire, should we require a testing radio in addition to the initial testing period?
- DIN software and keys will be provided to RC who will take care of providing keys to programmers.



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Important Technical Information

Channel ID Plan	3	4	5
Bandwidth	12.5 kHz	12.5 kHz	12.5 kHz
Transmit Offset Sign	+	+	+
Transmit Offset MHz.	5 MHz	5 MHz	9 MHz
Channel Spacing	12.5 kHz	6.25 kHz	6.25 kHz
Base Frequency	453.025 MHz	450.000 MHz	400 MHz

NOTE: This information has changed!!!!

- **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)

Policy and Procedures Committee Report – Rodney Evans

- NOTE: Policy & Technical held a combined meeting due to the number of similar issues for discussion.
- The SIEC will look to license frequencies for the system in their name, with the cooperation of the local entities. This will ensure that they are done properly, are usable frequencies and the licenses are kept up with in the future for buildout notifications and renewals.
- Sgt. Perry and Sgt. Yost confirmed with a Prosecuting Attorney that the State Code pertaining to the intentional harm to public safety communications will apply to SIRN and we will look to incorporate it into the Policy Section next month.

Training/Education/Outreach Committee Report – RC Faulk



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- Set the dates for the INTD class for March 17-20, 2020 hosted at Charleston Metro.
- PSAP Cyber security awareness TA offering may be held in conjunction with a 911 Council meeting. About a 2-hour time block.
- eFOG will be released only to SIRN beta testers before going live in the Apple and Google stores.
- Tom Gagnon discussed a TA opportunity with the group to get FirstNet guidance developed that is currently missing. Training/Education recommends going forward with the TA to get the FirstNet guidance.
- Discussion about COML instructors and the instructor requirements. The group decided to keep requirements in place as currently required.
- Three locations for potential AuxComm course: Hancock, Mercer, Charleston. Additional details are being worked out.
- Discussed the option of having pre-conference courses for the 2020 Conference on Sunday afternoon. Further discussion for this topic to coincide with the Conference Committee.

Conference Committee Report – RC Faulk

- Next conference planned for September 20 – 22, 2020 at Canaan
- Feedback forms were available for review if desired. RC is working to get the feedback summary finalized and distributed.
- Agenda items and suggestion list were started for the 2020 Conference

Planning Committee Report – Bobby Hoge

- Discussed an e-mail circulating from the County Commission Association regarding Kenwood radio's and the system upgrade. RC Faulk and Director Todorovich are working to provide information to address this concern.
- Next meeting will be November 11th and 12th.

New & Emerging Technologies – Paul Bump

- Paul Bump advised they will be looking at the radio hardware using WiFi connectivity.

RIC Region 1 Report – Roy McCallister

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

No minutes submitted.

RIC Region 2 Report – Tom Hart

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



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- Last meeting was held at the SIRN Conference.
- A pursuit exercise for the I-68/I-79 corridor will be scheduled.
- Regional 911 & EMA talkgroups will be tested monthly on a rotation between counties.
- Held a discussion on end of life radio's being purchased by first responders.
- Officer Elections:
 - Chair: Tom Hart
 - Vice Chair: Tony Novel
 - Recorder: Jason Lively
- Next meeting is Tuesday, October 15th at the Wheeling/Ohio County EOC.

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 minutes submitted.

RIC Region 5 Report – Rodney Evans

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

No minutes submitted.

RIC Region 6 Report – Steve Vittoe

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- Last Meeting was at the SIRN conference.
- Discussion about the Motorola system upgrade. Only concern was to make sure agencies were kept up to date.
- Discussion on newer radios being purchased in the RIC and new features like Wi-Fi.
- Talked about issues occurring with Putnam County with radio coverage. The RIC members felt that the issue was important to our RIC as well as RIC 1.
- There was also a discussion about the COML and AuxComm classes. There is a concern that while the training is excellent, the availability of the field exercises for the regional/state level are limited and need promoted more to ensure the practical training is as beneficial as the classroom portion.
- The general impression was there has been or will be many knowledgeable people retire/leave public service in next few years and the next generation needs trained to meet that need.
- Next meeting is planned for Nov 14 at 10 am Lincoln 911 center.

Business Conducted



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- RC Faulk will make sure TICP reflects COML/AuxComm recognition
- Training group requested approval to go forth with the TA to develop FirstNet guidance.
 - **Motion: RC Faulk**
 - **Second: Danny Kirby**
 - **Motion Passed**
- David Neal advised there may be a new SIRN site going in on existing tower at Hinton on Tug Mountain.

Meeting adjournment.

- **Motion: Danny Kirby**
- **Second: Tom Hart**
- **Motion Passed**