



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Date: 8/31/2020	Time: 14:30	Location: Microsoft Teams
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 Dirk Burnside	WV Department of Transportation
3	Channel, Fred	CC	RIC 4 Chairman
4	Dooley, Lisa	CC – Proxy Dave Erwin	WV Municipal League
5	Spence, Josh		WV Office of Technology
6	Zilinski, John	CC	RIC 5 Chairman
7	Miller, Jeffrey	CC – Proxy Tyrone Gore	WV Parkways Authority
8	Hart, Tom	CC	RIC 2 Chairman
9	Tatum, Mike	CC - Proxy Bob Hoge	WV E-911 Council
10	Cahill, Jan	CC – Jeff Perry	WV State Police
11	Neal, David	Proxy – RC Faulk	WV SWIC
12	McCallister, Roy	CC	RIC 1 Chairman
13	Hoyer, James		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	Kirk, Thomas	CC – Proxy GE McCabe	WVDEM Director
21	Vargo, Lou		WV Zone 3 Switch Agency
22	Vititoe, Steve	CC	RIC 6 Chairman
23	Meadows, Dean	CC – Proxy Justin Wolfe	WV Emergency Management Council

Non-SIEC Board Members Present

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

1	Jim Mangus	CC	RIC 1
2	Dustyn McConnell	CC	Harrison County EMS
3	Joe Harless	CC	WVSP
4	Bill Wood	CC	DEM



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5	Tony Novel	CC	RIC 1
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Previous Minutes Reviewed and Approved

- **Motion:** Dave Saffel
- **Second:** Roy McCallister
- **Motion:** Passed

Technical Committee Report – Dave Saffel

- Report from Frequency procurement
 - Status of frequency searching
 - New Sites –
 - North Mountain (Berkeley) – Report from Jeff Polczynski
 - Lick Knob – #12 below
- Equipment testing – None Currently
- System Version Upgrade Status to 7.18 – RC Faulk
 - Since cutover SIRN exceeded 7 million PTT's
 - Weirton ASR site is online with 5 channels
 - All ASR sites have been updated to Band Plan Element 4. It has caused a few radio's to have problems that were probably not programmed properly.
 - Work in underway to prepare for the start of the MPLS conversation. Hope to be completed by the Spring of 2021. 50 hops are to be upgraded.
 - September 1, 2020 starts the warranty services with Motorola.
 - Continuing to work through remaining punch list items.
- Needed work groups
 - 7.18 license components – What has been purchased by SIRN and others, what should potentially be purchased
- Programming
 - Current Versioning –
 - Motorola APX 21.40.00 - MEGA Firmware 21.23.00 (All models)
 - 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 4.30 (NX-5X00 & 30 Series)–Firmware 4.24
- Laurel Tower – Justin Wolfe has provided an MOU created from a template from the ARRL (Amateur Radio Relay League) – Rodney stated that it would need to be reviewed in relationship to current policy. This MOU is only requesting access to the tower, and not to the WV SIRN Building.



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- RC Faulk has completed the update to the remaining 28 sites for Band Plan Element 4. Effective August 31, 2020, Channel ID Plan 3 is no longer in use and there are no plans for the radio to use it in any way. At this point, any piece of Channel ID Plan 3 should be removed from radios so that they make no effort to utilize it. In Kenwood 10 radios, this is somewhat difficult as you have to remove all pieces of it and there are pieces in several locations.
- Logan County DMR System – Logan County has purchased and is installing a DMR system. They are purchasing Kenwood NX series radios with both DMR and P25 Trunking. These will not be compatible with the SIRN and the Logan County DMR system. Their subscriber units should have access to SIRN.
- Fayette County DMR Connection to SIRN – Fayette County is discussing purchasing a DMR system and creating a permanent patch to the SIRN system. Discuss – Patches are normally between channels (Talkgroups) that are “owned” by the entity that is patching. If Fayette County patches from their DMR system to their SIRN talkgroup, then the only potential problems relate to the channel being busied do to a failure in the radios being used. If they are identified, they could be disabled. Interference by way of busying a channel, and thus a site resource is a concern with this.
- STAT ambulance private talkgroup was issued a private talkgroup at some time in the past. As they are a for-profit entity, this is contrary to current SIRN policy. – Dave Erwin made a motion and Joe Harless seconded that we would put to the SIEC a vote to cause the private STAT talkgroup to be disabled effective September 15, 2020 as it violates policy.
- Catherine’s Tower Site – Monongahela County is pursuing the possibility of leasing or buying a site near the current Catherine’s site. It is slightly lower in elevation, but if purchased, would alleviate the lease issues at the current site. There is already a tower at that site involved in the purchase.
- Lick Knob site update – The coal company has proposed a new site that while not on their property would be available for them to procure and deed to Parkways. John Zilinski and SIRN are going to try to go to the proposed site and at the proposed coordinates, confirm that they are where they are, plus determine the elevation for that site.
- Eastern Panhandle programming issues – Based on a recent complaint from Hardy county of radio issues, Rodney did extensive testing in that area and found no problems with mobile, and few issues with portable coverage. The few areas that they found that signal did drop were severe elevation changes that we would expect. The radios did move between sites frequently. The only issue was with a Kenwood 30 series. The Kenwood



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10 series portable that he had did not work well at all. The Motorola radios that he had to test with had very few if any problems. He is going to attempt to get a trial version of the Autotune software for Kenwood radios for his service monitor.

- A potential problem was reported at the Verizon/Fairmont tower. SIRN will investigate the issue.
- Kanawha County is looking at adding a SIRN site in Cross Lanes that was potentially available to purchase. The meeting attendees were shown a set of maps that were created by Dave Saffel showing coverage IN to the site for both Mobile and Portables. Based on those propagation studies, we would recommend moving forward with that site as it should significantly enhance that area of Kanawha county where problems have been experienced.

Important Technical Information

Channel ID Plan	3 FDMA	4 FDMA	5 FDMA	6 TDMA
Bandwidth	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
Channel Spacing	12.5 kHz	6.25 kHz	6.25 kHz	6.25 kHz
Base Frequency	453.025 MHz	450.000 MHz	400 MHz	450.000 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 (ensures all adjacent sites are searched)

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



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Policy and Procedures Committee Report – Rodney Evans

Training/Education/Outreach Committee Report – RC Faulk

- Roy McCallister is spearheading the TICP review project
 - Roy discussed with the group the latest on the TICP project
 - A draft letter will be prepared and reviewed by the committee and then will be sent out to request one last edit/update for the TICP information
- Continuing to work with the Conference Committee on the 2020 Virtual Conference in conjunction with the Conference Committee

Conference Committee Report – Jeff Perry

- Worked to finalize topics for the Monday virtual conference
- Worked to finalize what programming courses would be offered, instructors, and which days they would be conducted

Planning Committee Report – Bobby Hoge

- Application updates for Mon County were processed
- The Hinton site will be a new build, not on the old steel. Motorola will optimize the site when operational.
- Gary L. Jordan has retired, and we all appreciate his efforts for SIRN.
- All sites are now at Band Plan 4.
- Motorola is preparing for the Layland microwave conversation

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

- Not met
- Next meeting planned for September 17, 2020

RIC Region 2 Report – Tom Hart

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

- Last met on August 24th, 2020
- Discussed the Weirton, Powhattan, and Moundsville sites



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- Discussed ISSI options with Belmont County Ohio
- Discussed the Laurel Tower in Preston County
- Jason Lively is looking for a potential site in the East Liverpool Ohio area

RIC Region 3 Report – Jeff Polczynski

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

- Nothing reported

RIC Region 4 Report – Fred Channel

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

- Have not met officially, but information continues to be distributed via emails

RIC Region 5 Report – John Zilinski

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

- Met via virtual meeting but there was not a quorum
- John Zilinski provided those in attendance with an update on what has been going on

RIC Region 6 Report – Steve Vititoe

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- Have not had a meeting
- Information has been put out on a messenger
- Next meeting is planned to happen after the Conference

Business Conducted

The Technical Committee recommended that the STAT EMS PRIVATE talkgroup should be disabled on September 15, 2020. Second by Dave Erwin. Motion Passed.

Following the vote, a letter would be drafted by the Office of the SWIC addressed to STAT EMS about this issue and informing them of the September 15, 2020 talkgroup disable date.

Next meeting is planned for October 13th, 2020.

Meeting adjournment.

- **Motion:** **Dave Saffel**
- **Second:** **Tyrone Gore**
- **Motion:** **Passed**