



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Date: 12/7/2020	Time: 14:03	Location: Teams
Meeting Called To Order: Bobby Hoge		

SIEC Membership & Participation

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

1	Bump, Paul	CC	WV Zone 1 Switch Agency
2	White, Byrd	Proxy – Dirk Burnside	WV Department of Transportation
3	Channel, 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		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	CC	RIC 1 Chairman
13	Hoyer, James	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	Proxy – Bobby Palmer	WV State Fire Marshal
20	Kirk, Thomas	Proxy – GE McCabe	WVDEM Director
21	Vargo, Lou		WV Zone 3 Switch Agency
22	Vititoe, Steve	CC	RIC 6 Chairman
23	Meadows, Dean		WV Emergency Management Council

Non-SIEC Board Members Present

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

1	Tony Novel	CC	
2	Jim Mangus	CC	RIC 1
3	RC Faulk	CC	
4	Alex Rayburn	CC	WVNG
5			
6			



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Previous Minutes Reviewed and Approved

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

Technical Committee Report – Dave Saffel

- Report from Frequency procurement
 - Status of frequency searching
 - New Sites –
 - North Mountain (Berkeley) – no report from Jeff Polczynski
- System Version Upgrade Status to 7.18 –
 - Status of Firmware upgrade for GTR's to fix problem – scheduled to start December 8, 2020; Last 3 to 4 days; No end user impacts expected.
 - Console time sync issue – Another Motorola issue that has been verified in our system; Motorola is still developing MTN and plan to check SIRN statewide
 - Second time sync issue – The GTR radios are operating in the future according to logs; will be investigated while the GTR firmware deployment is being done.
 - Microwave upgrade – The microwave upgrade project is really three projects. The first project is the 50 plus original HOPS that were purchased under the original grant. Those are being delivered out to the sites now, being installed by Aviat. The second part is the 61 additional HOPS that were not in the original upgrade. That purchase has been made, the radios are being built, and we are expecting a shipment of some of those radios by the end of the year, and then Aviat will install those as well. The third part of the project is the upgrade to 1Gbps on 112 hops.
- Programming
 - Current Versioning –
 - Motorola **APX 22.00.01** - MEGA Firmware **21.62.00 (Except Consolettes)**
 - 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 4.31 (NX-5X00 & 30 Series)–Firmware 4.24
- Catherine's – The tower has been dropped; the building was not salvaged. A site has been found, but it is about 4 miles SE of the current location. STA (Special Temporary Authorization) being done to accommodate using the frequencies at the temporary location. Premier Construction indicates that the new tower could be up within 6 months.



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- Kanawha County Fire Department link – Dave Erwin has created a link between the KVFD legacy system and their SIRN talkgroup. There were some problems with the initial installation; Dave has made changes to enhance its operation. RC Faulk will monitor for impacts to the system
- Upshur County is looking to utilize CSSI to connect their Mindshare Dispatch to SIRN. Mark Smith and RC Faulk went up to talk with them about their plan; it seems solid. Mark Smith has no issues on the connectivity or security concerns for the network. I think we should support their efforts to enhance their dispatch and if they continue could be our first efforts with CSSI. Upshur County has purchased the CSSI device on their end. They are going to check with Etherstack regarding compatibility with version 7.18 of the Motorola software and throughput requirements of the equipment.
- System Statistics from cutover date to December 4, 2020 SIRN has processed over 21 million PTT's and approximately 18,000 busies. Ida May, Coal Mtn, Clarksburg, have all experienced over 1,500 busies in a few months' time. In addition to more tower sites, additional channels at some need to be considered as well.
- Black Rock Wind Force LLC is a turbine company in the Mineral County area. They are going to conduct blasting in that area and are notifying us as required. Premier Construction will be doing the pre-blast survey for documentation in case anything happens.
- Eric Squires joined the meeting to discuss getting his programming capability finalized with Harris. He and RC Faulk have been working through this with little success. RC Faulk will reach out to John Jones from Harris and verify that the master dongle that Harris sold Eric Squires will not produce daughter dongles. If that is correct, RC Faulk will work with Eric Squires to finalize paperwork and get the programming ability set. This is for Gilmer County. **This was presented as a motion to the SIEC, 2nd by Fred Channel. Motion Passed.**



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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 1: This information has changed!!!!

NOTE 2: Discontinuation of Band Plan 3!!!!

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 – Rodney Evans

- Did not meet

Training/Education/Outreach Committee Report – RC Faulk

- The contractor for the TICP project provided the TICP and FOG in its final version. RC Faulk has posted them to the website.
- The 3rd part of the TICP project is the eFOG which is under development and may be ready for app testing by January 2021.
- Several have volunteered for eFOG beta testing.
- The Cyber Security webinar for 911 & OES personnel was completed; Positive feedback was received, and the PDF copy of the webinar was distributed.



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Conference Committee Report – Bobby Hoge

- Set dates for the 2021 Conference as
 - Arrival on Sunday September 19th, 2021 location TBD
 - Main Conference September 20 & 21, 2021
 - Extended Conference September 22 & 23, 2021

Planning Committee Report – Bobby Hoge

- Greenbrier County umbrella application update to add Alleghany County and Dunlap Fire and Rescue; Greenbrier will handle those assets
- Site Reports
 - Gilbert – AT&T is working to secure property; if secured will allow SIRN to collocate if interested
 - Hinton – waiting on contract approval from Department of Administration
 - Wallace – waiting on parts and working with Luttamus for frequencies
 - Dingess – waiting on the engineers from the power company to provide a structural analysis to verify health of the site
 - Richwood – nothing to report
 - Horsepen – efforts continue to get access to the old fire tower property
 - West Union – county officials report equipment is in and being installed
 - Wileyville – on hold due to death of landowner
 - Princeton – tower fund approved site construction, working to secure landowner agreement as next step
 - Valley – Fayette County is working through tower fund grant program for the site

New & Emerging Technologies – Paul Bump

- Discussed the future potential use for CSSI
- FirstNet and AT&T may utilize some of SIRN for connectivity from site to site jump offs
- Discussed the possibility of using SIRN as an ESInet connectivity method



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FirstNet Report – DJ Sigman/Lori Stone

- FirstNet did roam agreement in Clay, Nicholas, Summers, Grant, Hampshire Counties
 - Roaming requires data roaming turned on in devices; it is off by default.
 - There is no smooth hand off between a FirstNet call and a different carrier; The call will drop when the unit roams to the other carrier.
 - Tag will change on the screen to show what carrier is in use
- Several new sites have been brought on line; there are 4 additional sites planned by the end of the year.
- DJ Sigman reported 1.7 million connections so far for FirstNet in West Virginia.
- Bobby Hoge thanked DJ Sigman for a quick resolution to a call delivery issue in Mercer County.

RIC Region 1 Report – Roy McCallister

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

- Last met on November 19th by Virtual Meeting
- Bill Davidson was not able to test the new Health Department talkgroup
- Frank Chapman is looking to develop a site at Confidence; Roy McCallister will gather additional information about this
- Next meeting is set for January 21, 2020 at 1000

RIC Region 2 Report – Tom Hart

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

- Last met by Zoom with 10 members on November 30, 2020
- Discussed the Wallace Site
- Discussed East Liverpool site which is a MARCS site owned by American Tower
- Discussed the West Union tower
- Discussed the Wileyville site, which is on hold due to landowner death
- Next meeting is TBD



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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

- Next meeting is December 15, 2020

RIC Region 5 Report – John Zilinski

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

- Next meeting is January 14, 2021

RIC Region 6 Report – Steve Vititoe

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- Next meeting is December 10th at the Tristate Fire School
- The group has been discussing common talkgroup templates; It was reported that programmers in an area could share codeplug files for commonality.

Business Conducted

- RC Faulk thanked Roy McCallister for his efforts on the TICP project
- The group thanked Dirk Burnside for his years of service to the IWG, SIEC, and SIRN. This is Dirk's last meeting in his current role as he is retiring at the end of the year.
- Next meeting is January 12, 2021.

Meeting adjournment.

- **Motion:** **Dirk Burnside**
- **Second:** **Dave Saffel**
- **Motion:** **Passed**