



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Date: 3/7/2022	Time: 14:33	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	CC Proxy Patrick Shea	WV Department of Transportation
3	Channell, Fred		RIC 4 Chairman
4	Dooley, Lisa		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 Proxy Chris Slater	WV State Police
11	Neal, David	CC	WV SWIC
12	McCallister, Roy	CC	RIC 1 Chairman
13	Crane, Bill	CC Proxy Alex Rayburn	WV National Guard
14	Stephens, Steve		WV Sheriff's Association
15	Piercy, Jennifer		WV County Commission Association
16	Polczynski, Jeff		RIC 3 Chairman
17			WV Health & Human Resources
18	Saffel, Dave	CC	APCO
19	Tyree, Ken	CC 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	Proxy – Roy McCallister	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	RC Faulk	CC	Assistant SWIC
2	Fred Kinder	CC	SIRN
3	Dustyn McConnel	CC	Harrison County EMS
4	Bill Wood	CC	SIRN
5	David Obrien	CC	Metro 911
6	Jim Mangus	CC	RIC 1
7			
8			
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Previous Minutes Reviewed and Approved

- **Motion:** Tom Hart
- **Second:** Dave Saffel
- **Motion:** Passed

Technical Committee Report – Dave Saffel

- Programming
 - Current Versioning –
 - Motorola APX 26.00.00 - MEGA Firmware 26.03.00 ←as of 12/21/2021
 - **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 4.51 (NX-5X00 & 30 Series)–Firmware 4.51-adds their version of ADP to the radios if you get the license (no cost)
- System Managers Report
 - * Monthly Stats
 - Calls = 1,968,835
 - PTT's = 3,210,139
 - Busy = 5,408
 - * Year To Date 2022
 - Calls = 3,965,533
 - PTT's = 6,530,599
 - Busy = 10,939
- The Catherines license has been approved by the F.C.C.
- Non-Motorola Direct Connect Consoles – Upshur County has requested a meeting from the SIEC regarding connecting Non-Motorola Consoles to the system. It is an understanding that currently there is no interface (CSSI) that has been approved in CAP testing. There is a desire to connect consoles to the system that are NOT Motorola. There are a finite number of CSSI ports available (if any). Policy needs to be created for this usage and it should be a living document until we get all the necessary knowledge to create a final document.



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- Discussion of Caddell Tower – Caddell tower twisting during higher wind events causing site trunking events during these times. The tower is overloaded. Preston County would like to apply for wireless tower assistance fund money to build another tower next to the existing tower. Preston County has already purchased property adjacent to the current site for the sole purpose of erecting a new tower.
 - What are the coordinates for the center of the new tower site?
 - How tall of a tower do they desire to erect?
 - Notes about moving a tower before licensing:
 - Move tower location (frequencies) 5 seconds latitude or 505', 5 seconds longitude (400')
 - ASR 1 second latitude (101') 1 second longitude (90')
- Capital Police Consoles – Capital Police is planning to upgrade their equipment, and at the same time they are planning on getting their own licenses, no longer under EMD.
- Discussion of APX Next – Still awaiting radios to arrive from Motorola.
- Subscriber FDMA to TDMA change – Other than checking to determine if the State Police talkgroups are set for Dynamic Dual Mode, nothing needs to be done.
- Wallace Tower frequency discussion – A search was conducted for public safety frequencies from 453-454 MHz and 460-461 Mhz. The most distant licenses that would be cochannel for that would be 30-36 miles away which is too close for a viable license. Paul Bump is working to apply for business frequencies for the site.
- APX CPS Differences
 - Installation for Standard APX CPS R26.00.00. The Tuner and APX Migration Assistant are posted separately. This install does NOT include the ARS Data Admin tool nor the **Advanced Keys Admin** tool.
 - Installation for APX CPS R26.00.00 with Radio Management, Tuner R25.00.00, APX Migration Assistant R14.00.00, the ARS Data Admin tool R08.00.05, **AKA tool R09.01.00** and Radio Management 2.37.143 components
- West Union site – RC Faulk will check about the possibility of doing a cradle point to temporarily bring up the West Union site. **Dave Saffel made a motion to allow the cradle point or equivalent type of technology to provide for site backhaul for emergency temporary use. Tom Hart seconded the motion. Motion passed.**

Important Technical Information



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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

- RC Faulk discussed the change of the word “document” to “policy” in the previous 7 policies we finished last month. The Critical Connect policy also had a change to the opening sentence that RC Faulk presented to everyone and it was decided that review was complete and will present the 7 for approval at the SIEC meeting.
- Began the work on reviewing additional policy files:
 - Radio Activation
 - Talkgroup Activation
 - System Resource Naming
 - Reviewed the abbreviation list
- Committee recommends the approval of the following revised policy files:
 - Critical Connect
 - Radio Equipment
 - Direct Connect Consoles
 - Programming
 - Training



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- Encryption
- Adding an ASR site
- **Seconded by Dave Saffel; Passed**

Training/Education/Outreach Committee Report – Roy McCallister

- RC Faulk discussed the recent COMT course being a success and what it would take to have a WV COMT Course.
- Tom Gagnon provided an update on the existing TA's that we have.
- Several classes are being scheduled in coordination with the APCO Conference in April. Those are:
 - TDMA/FDMA
 - SIRN Updates
 - APX Programming
- Roy McCallister developed a spreadsheet for tracking training classes and RC Faulk volunteered to create a space on the website for that to be published.
- March 21st several members will be reviewing the updates to the COML and AUXCOMM courses.

Conference Committee Report – Jeff Perry

- No report.

Planning Committee Report – Bobby Hoge

- RC Faulk reported that the Rotary Site has a new Eltek DC powerplant installed and the SIRN base stations have been converted to operate on DC power to fortify that site.
- Mead & Hunt was reported to be working on the due diligence for the Hinton site. The 1A is complete as well as construction drawings and the survey, but no environment or GEO has been completed.
- GE McCabe reported that David Neal has submitted his letter of retirement for the end of March. Position will be posted.
- There was a discussion of in person meetings and each agency covering the cost of expenses until there is another mechanism in place to cover meeting costs. Additional discussions will happen at future meetings.
- Putnam County opened and approved a bid for the Confidence site for \$800,000. They are looking to add 3 additional sites.
- Hardy County changed the Mathias site to Lost City. The tower grant was approved and they are working to finalize the agreements for a 180-foot self-support tower.
- Princeton site is beginning to have the steel stacked.
- Zenith in Monroe County has a property agreement and they are following up with Premier construction on costs.



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New & Emerging Technologies – Paul Bump

- Committee did not meet.
- The AT&T/FirstNet team provided a solution for “Pots Over LTE” for the membership and RC Faulk was asked to distribute information following the session.

RIC Region 1 Report – Roy McCallister

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

- Last meeting was on February 24, 2022.
- Discussed the new Putnam County site at Confidence. They are looking to add three sites and are working on a broadband site. Roy will talk with the OES Director about perhaps joining the next SIEC meeting.
- Next meeting is April 27, 2022 virtually.

RIC Region 2 Report – Tom Hart

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

- Last met on March 4, 2022 with the EMA region 2 meeting.
- Talked about the Wallace Site and the frequencies and antenna install underway.
- New gear for Catherines being installed.
- Next meeting is April 6, 2022 at Bridgeport.

RIC Region 3 Report – Jeff Polczynski

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

- Did not meet due to scheduling difficulties.

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

- Did not have a meeting formally but discussions have occurred via e-mail
- Next meeting planned for March 10th, virtually



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RIC Region 6 Report – Steve Vititoe

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- Nothing to report

Business Conducted

- RC Faulk discussed an opportunity from Lori Stone with FirstNet about a lab tour done virtually. RC will get more information and report back exactly what this entails.
- Next meeting is planned for April 11th, 2022 virtually.

Meeting adjournment.

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