

Proceedings:

The Quarterly KWIEC meeting was called to order at 1:32 p.m. by Terry Stephens

Roll was called as below:

Members Present: Terry Stephens (proxy for Jim Barnhart as chair), Janet Lile (proxy for Steve Rucker), Allen Wells (proxy for Dan Mauer), Don Pendleton, Brad Bates, Ken Jorette, Col Rodney Hayes, Derek Nesselrode (proxy for Mary Halmhuber), Rodney Murphy, Rebecca Hopkins, Paul See (proxy for Michael Gribbin), Wayne Wright, Mitch Mitchell

Members calling in: None

Members Absent: Michael Harris, Mike Fields, Lonnie Lawson, Pamela Collins, Ted Collins, Mike Ward, Bob Hammonds

Quorum Present: Yes

Last Quarter's meeting minutes were approved.

Chairperson's Report (Briefed by Chuck Miller):

- Terry Stephens is a new member of the KWIEC for the Office of Infrastructure Services and Mike Field is taking over for Col Milligan for the Department of Fish and Wildlife
- Chuck explained that the intention was to have the SCIP ready for review but there was too much to do and not enough time to do it in. It will be ready by the June KWIEC Meeting
- The Annual Public Safety Report is due again but budget constraints have limited interoperability projects; we're going to have a more modest report this year
- The 2011 grant cycle is two months away, The PSWG and Chuck will review all communications, grants submitted to KOHS sometime in the June-July time frame. The OEC and KWIEC requirements will be followed
- The Funding Initiatives Work Group members are Lonnie, Brad, Pam, and Jeff
- Brad said that the group was going to try to get the group together via conference call in April. He welcomed anyone else to join

- **KWIEC Goals:**
 - o Goal 1 – Complete with Project 25 adoption
 - o Goal 2 – Dave and Bob are evaluating a sample system. The FCC has defined Long Term Evolution as their National Broadband solution; Kentucky is on hold pending the Feds
 - o Goal 3 – The Eastern Portion of the KEWS Digital Upgrade Project is having premature equipment failures. The sixty-day Performance Evaluation will not start until we're confident the equipment is reliable. A new capabilities briefing will be given after that

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- Goal 4 – We have already laid down some of the framework to establish trained regional interoperability groups with the ADDs
 - **KWIEC Issues:**
 - No remote radio monitoring for state LMR systems
 - Reinstate 911 Director position to KWIEC - Legislative liaison is working this
 - Reappoint existing KWIEC Members - letters are going out in July
 - Fill empty seats for the Funding Initiatives Work Group. There are four members of five
 - KSP MOU – Derek is working it
 - Cost estimate to replace all wideband radios in the State to meet FCC mandates?
 - Optimistic = \$40 M; Most Likely = \$90 M; Pessimistically = \$150 M
 - Formula shows PERT Rough Order of Magnitude = \$92 M estimate
 - A more accurate estimate will require a detailed bottom up estimate

Public Safety Working Group Report (Briefed by Derek Nesselrode):

- The PSWG has been meeting monthly and have continued to review projects
- We continue our recommendation that the State's primary focus on grant funding be toward Narrowbanding simply because a lot of small agencies can afford the equipment
- We have been working with many local agencies offering assistance on licensing transition and equipment reprogramming (some agencies use narrowband capable radios in wideband mode)
- We continue to make recommendations for systems and equipment standards based on the OEC / DHS grant guidance as endorsed by the KWIEC
- The group hopes to meet with KOHS before the process takes place to eliminate a lot of the headache we had last time, with awards going through before their application was approved or agencies feeling like we were the reason their application wasn't approved. Chuck and I and a lot of other members had to field a lot of calls from County Judge Executives and locals. We're trying to work those issues out with Homeland Security.

OEC, NECP Goal Two:

Report the readiness level of all 120 counties and provide a report to DHS.

- We are unable to accomplish this task without resources. That is the primary reason the SCIP is not complete - we've lacked resources
- We've been in discussion with various agencies, with DHS, and OEC for assistance
- We were hoping establishing regional (inter)operability groups would assist us in:
 - gathering data and information that we could utilize in a disaster
 - assist us with interoperability when we deploy to these areas
 - help with CASM
- We don't have the funding or the administrative ability to manage these programs

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We have lacked on the SCIP updates because DHS's primary focus was this NECP Goal and how the state intends to provide them with that data.

Mutual Aid MOU:

- The MOU has been updated for the Mutual Aid Network with additional UHF frequencies
- We have also adopted the national standard naming convention for all of the channels
- We will incorporate the NIFOG frequencies, Mutual Aid and interoperability frequencies specially geared towards fire, Police, Emergency Management
- The Tactical Interoperability Plan for Kentucky will eventually have all this and maps and data points of infrastructure, repeaters, etc.

The NLE and the COM-X will be a good COM- X. Mobile assets including command vehicles, communications trailers, and aircraft repeaters will be deployed to learn each other's capabilities.

Open Discussion

A question was asked concerning what caused the failure to meet the NECP Goal 2. This prompted a discussion on resources, funding, and responsibilities. The following bullets summarize the discussion.

- OEC and FEMA control the funding
- IECGP = Interoperable Emergency Communications Grant Program and is a separate pot of money from the other KOHS grants and is specifically for interoperability support
- Goal 2 requires gathering a huge amount of data that the SWIC is not resourced for
- Many agencies would benefit from the data once gathered
- The PSWG has been trying to do as much as it can but each member has a full time job and simply does not have the time to do everything required
- The SWIC needs dedicated resources/funding to meet these goals
- Regional Interoperability Groups may be a good first step but they are also unfunded
- IECGP funds are provided to the SAA (KOHS in Kentucky) to aid in meeting these goals
- IECGP grant funds can be withheld for failing to meet these goals
- The KWIEC is unsure of how Kentucky's IECGP funds are being used
- Most States are using the IECGP money to meet interoperability goals
- The PSWG and KWIEC can only recommend how to spend the money, KOHS ultimately decides where the money goes
- Other requirements like annual equipment capabilities updates, training, evaluations, administration, and communications exercises should be funded by the IECGP
- The KWIEC would like an estimate of what resources/funding the SWIC would need and where they would be attached

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- Last year the IECGP award to the SAA was \$533,000
- The goals should be met before IECGP funds are used for other things since failure to meet the goals may jeopardize future funding

Broadband Bill HR-607 (Briefed by Derek Nesselrode):

- Chairman Peter King from Homeland Security Committee initiated a bill for the broadband for first responders act known as HR-607
- This is a plan for a nationwide broadband network through title one of the bill
- Identifies a need for public safety to have flexible broadband solutions via a public/private nationwide network
- The D Block spectrum would be allocated to public safety and a public safety designee for development of systems on a nationwide basis
- It specifies the network as being interoperable on a nationwide basis with the LTE standards
- Provides roaming capability and lays out standards for roaming
- Provides priority access to public safety during an emergency
- Must adhere to the SCIP and the national communications plan
- Funding:
 - o Treasury shall establish a Public Safety Interoperable Broadband Network Construction Fund of \$2 billion dollars
 - o funds from the Auction greater than \$5.5 billion will go into an ongoing maintenance fund
 - o Auctioning off 1.7 GHz and 2.1 GHz real estate spectrum
 - o a migration plan for Public Safety to 700/800 MHz
 - o auction off the spectrum from 420-512 MHz forcing all Public Safety Agency in this band to move to 700/800 MHz (This is bad for us)
- the Kentucky State Police along with 25% of the local agency's Voice Systems would have to be completely replaced within eight years of this bill being written
- The KEWS system would need to double in size to get the same coverage that we have now
- Ham Radio would be affected

The PSWG strongly objects to this House Bill as written; we support the broadband initiatives but we don't want to give up our voice real estate to do that.

Louisville MetroSafe Communications System (Briefed by Ron Pannell):

- The system was fully on line as of March 2010
- When the city of Louisville and Jefferson County merged in 2003 it became evident that the use of seven different radio infrastructure operating on 800 MHz, VHF, and UHF would no longer provide adequate coverage interoperability or channel capacity
- a system was needed that could support all Public Safety, Public Service, and other non-metro government organizations within Louisville/Jefferson County community

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- The Metro State Building houses dispatchers, call takers, a GIS and IT department, a Training Radio room and more. Floors have offices, conference rooms, showers, and eating and sleeping facilities
- The Dispatch center has police, fire, EMS, and local government and can expand when necessary
- There are currently 17- 911 call taker positions, 8 police with two backups, 8 fire with two backups, 4 EMS, 3 supervisors, and 6 additional backups. There are 44 consoles total
- Equipped with state of the art display driven radio phone and CAD consoles, each primary radio console is equipped with one backup console in the event of prime site control failure
- The ELC has 31 work stations, 4 flat screen televisions, 12 matrix projector screens and two planning rooms with a Ham Radio station
- The radio system is 24 channel P25 simulcast digital, currently 12 sites are linked together with a loop protected digital OC-3 microwave system
- Louisville is one of few cities in the country that has a fully redundant back up site controller
- Our coverage with 12 sites complies with 95 % requirement, 97% reliability and covers 375 sq. miles
- Supports 57 Police, 36 Fire, 18 EMS, 46 Local Government, 19 Event, and 15 Transportation talk groups totaling 191 talk groups.
- The system idles along at about 19% capacity
- A new 13th site is being added which will increase coverage to 98% in that region
- In March 2010 alone there were 9,382,461 push-to-talks, next year will be higher
- There are special tactical channels for Police which are encrypted with AES encryption
- For interoperability a Moto-Bridge cross connect is used
- Ron is working on expanding coverage with the use of three KEWS sites
 - each will provide Mutual Aid in those counties
 - adding five 800 MHz P25 channels to expand coverage
- The radio system alone was \$22.8 million; the entire project was a little over \$40 million
- Annual cost is about a million dollars for the first year, but cuts are being made
- Fully capable of tying into the EOC as needed
- in general the system works very well

Adjournment:

With there being no further business, members were advised that the next meeting would be in late June and the meeting was adjourned.