December 12, 2020 Meeting Notes for the Public Safety Communications Council

Council Representatives In Attendance:
Jeff Pierce, Steve Swenson, Harold Timmerman, Kevin Karley, Bruce Nachtigall, Jason Jones, Maria King, Casey Collins, Jim Pearson, Gary Jaeger, Tyler Green, Brent Long, Michael Steffen, Andy Barth

Vice-Chair Nachtigall called meeting to order at 9:03

Roll Call, 14 members in attendance so quorum was met.

Request for additional Items to add to Agenda:
None

Approval of September 2020 Meeting Minutes:
Motion by Timmerman, second Collins. Approved on voice vote.

New Business:

1. **Membership, Filling Open Positions**
   - Nominee's for Wildland Fire, DOT, EMT Association

2. **Governor's Proposed Budget**
   - Funding request for Broadband FTE to keep progress moving ahead on that.
   - Funding for joint project with Pennington County to build out in the Rockerville, Hill City, Keystone areas.
   - Funding for electronics at an existing site (Battle Mountain), near Hot Springs.
   - Funding for electronics at an existing site near Reliance.

3. **Broadband FTE**
   - Covered in Governors Proposed Budget

4. **System Update Status**
   Pierce and Dravland outlined the upgrade status for the P25 project. First step is the core upgrade in March of 2021, followed by the implementation of the Critical Connect application interface later that year. Fourth quarter 2022 will start the conversion of the simulcast sites in Rapid City and Sioux Falls, followed by conversion of the remaining sites in 2023. State radio staff is having weekly calls with the Motorola project team and the schedule will develop into a more baked process in the next few months.

Proposed Project Timeline

ACTIVITY	2020	2021	2022	2023	2024	2025	2026	2027
P25 Fleetmap and Subscribers	███	███	███	███				
Deploy P25 Test Site	█							
Upgrades		█			█	█		█
P25 Contract Negotiations		█						
Layer 3 Ethernet Backhaul Deployment	███	███	███					
SmartX to P25 Upgrade				███				
Potential T1 Network Decommissioning					██			

5. **Statewide Communications Interoperability Plan (SCIP)**

   Every three years South Dakota upgrades the strategic communications plan or the Statewide Communications Interoperability Plan (SCIP) and that cadence was due in 2020. After several meetings involving council and non-council members along with DHS, a draft was produced that was presented to and covered page by page during the council meeting. Jaeger proposed the council adopt the new SCIP and Barth seconded. Passed by unanimous vote. The SCIP will be posted on the sdpscc.sd.gov site.

6. **Election of Member at Large**

   The by-laws of the council call for an Executive Committee comprised of the Chairman, the Bureau of Information and Telecommunications member, and a Member at Large. With the resignation of Paul Reiter, the Member at Large position was open. Karley volunteered for the position; Collins motioned to accept & cease nominations. with a second by Pierce. Voted in on unanimous vote.

7. **Member Terms**

   Covered the terms of members who will need to do something in next two years:
   2021 reappointment: Barth, Jones, Rave, Kludt, Jaeger
   2022 reappointment: Barthel, Wiik, Swenson, Pearson, Karley
   2022 termed out: Timmerman

Old Business:

1. **FYT2021/2022 Budget:**

   Pierce provided overview of the State Radio budget. At this time all aspects of the budget are at expected levels. For FY22 budget, BIT/State Radio will be requesting around $128,000 to the base budget for the broadband position, expenditure authority for those upgrade funds already appropriated, and $3.2M one-time funding for three additional tower site projects.

2. **Grant Status:**

   The only dedicated grant that is involved with the public safety communications world is the State and Local Implementation Grant (SLIGP) associated with the FirstNet process. This grant

ends in March of 2021 and our dependence upon broadband and applications on the public safety side is pushing us to request FTE funding to keep this going.

3. **Digital Radio System Updates:**
Dravland provided system updates on issues related to fiber cuts and other telecommunications issues. Generator replacements at Billsburg and Isabel, occasional tower lighting outages.

Dravland also discussed the need for security staff to have nationwide communications for the security detail, and that a solution was being developed for that.

Currently on record we have 28,508 ID's issued but are going through an audit process that we believe will bring that down to 24,735. There are currently 1,524 talkgroup ID's on the system, slightly up.

4. **FirstNet/Broadband**
Mike Waldner covered the current status of the FirstNet and the broadband subcommittee for South Dakota. The subcommittee is meeting on a regular basis and has been working towards application standardization.

Doug Penniston of ATT/FirstNet covered the status of the FirstNet buildout. Since commitment in 2018 10 new sites have been added, with 9 just this calendar year. Another 11 are in the works for calendar year 2021.

Tracey Murdock the Regional FirstNet rep discussed the FirstNet roadmap and upcoming opportunities to be a part of those discussions.

5. **Code-Plug Template, Test Site**
Dravland provided an update on the programming side. State Radio staff is working on finalizing the programming template that will be required as standard. This template involved 16 channel zones, with the 16 special ops talkgroups requested earlier by the council.

To this point, Vantek has conducted radio testing on the Pierre test site and others are making arrangements to do so as well. Additional radio vendors may request approval to conduct testing as well.

6. **Encryption Standard**
AES-256 is the standard tied to Project 25 and all DHS funding opportunities, so is our default state standard. Dravland discussed the subject along with keyloaders and other aspects of managing single and multiple-key operations. Coordination of key loaders and the need to ensure that keys don't get inadvertently shared is a big concern.

7. **Discussion with Pennington/Minnehaha Counties on Simulcast conversions**
Pierce & Dravland discussed the move out from the first two required site upgrades in Rapid City and Sioux Falls. Sems to make most sense operationally to expand out from those sites, but some will depend upon the telecommunications circuits and how those go it.

These calls have been open to the simulcast areas before, but ongoing calls will be open to all agencies on the system so hopefully participation will be good on those.

8. **Strategy to move out from simulcast builds**
Covered in previous discussion.

9. **Scheduled calls with stakeholders.**
Covered in agenda item #7. This series of meetings will be expanded in 2021.

10. **Monthly calls with radio dealers in the state.**
Pierce covered the monthly calls State Radio is having with the dealer community in the State. These meetings are to close information gaps and make an attempt to standardize as much as possible.

11. **Other**
Dravland requested time to discuss the issue with some of the new APX6500 radios. Highway Patrol has installed some of these and is experiencing issues we assume are associated with site switching. When acting up this glitch causes the radio to be unable to transmit. Tech staff is working with Motorola to address.
 Local agencies are having same experience.

Organizational Reports:
Jones – No in-person meetings, so no news.
Swenson – Nothing
Nachtigal - Nothing
Green — Nothing.
Timmerman - Nothing
Steffen – Nothing
Collins – Nothing
Karley – Nothing
Long – Nothing
Jaeger – Nothing
Pearson – Nothing
Barth – Nothing
Pierce - Nothing
King – Text to 911 progressing, currently working on carrier testing.

Next Meeting Date – March 18, 2021.

Motion to Adjourn by King
Second by Barth

Meeting adjourned 1100