



South Dakota Public Safety Communications Council



March 2014 Meeting

Pierre

3/19/2014

Agenda

Call to order -- Matt Tooley

Roll Call of Members

Police Chiefs – Brandon Semmler
Sheriffs Organization -- Dave Ackerman
Division of Criminal Investigation – Dan Satterlee
South Dakota Game, Fish, & Parks -- Andy Alban
South Dakota Department of Transportation -- Greg Fuller
South Dakota National Guards – SSG David Goodwin
South Dakota Emergency Managers Association – Harold Timmerman
South Dakota Fire Fighters Association -- Dennis Gorton
South Dakota Association of Health Care Organizations -- Rebekah Craddock
South Dakota Department of Public Safety – Sgt. Jason Husby
South Dakota APCO/NENA Chapter -- Matt Tooley
South Dakota Emergency Medical Technicians Association -- J.D. Geigle
South Dakota Department of Agriculture/ Wildland Fire – Paul Reiter
South Dakota Association of County Commissioners -- Bob Wilcox
South Dakota Department of Health -- Rick LaBrie
Tribal Government -- Larry Jandreau
Federal Government -- Bob Fischer
Bureau of Information and Telecommunications -- Jeff Pierce

Welcome to new members

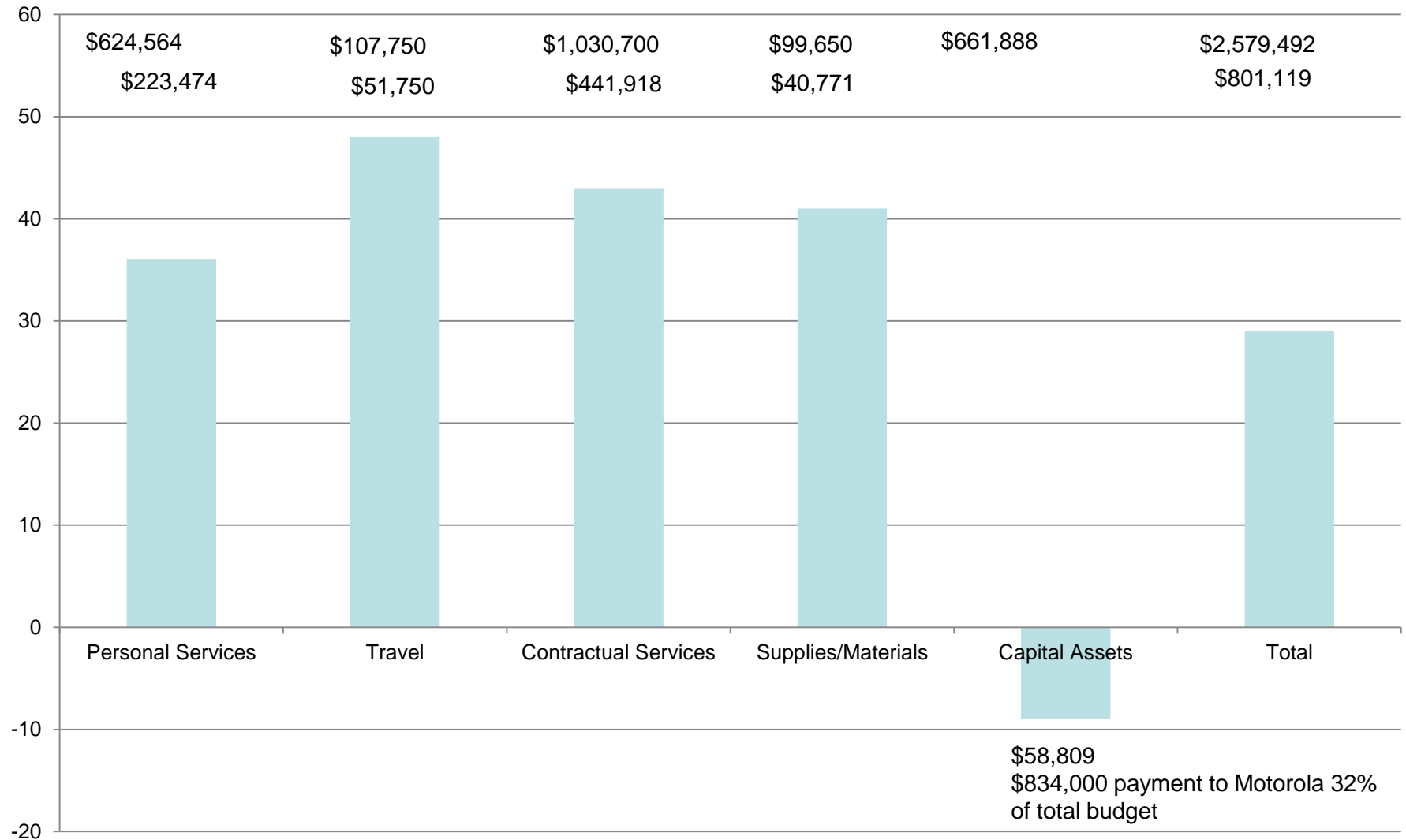
Additional Agenda Items

Approval of December meeting minutes --

Old Business

1. 2014 Budget discussion – Pierce

Fiscal Year 2014 (41.9% remaining)



1. 2014/2015 Budget

- Motorola payment for system upgrade is 32% of budget & paid in July, so numbers appear skewed
- Will be a mix of DHS/SRC/Tower Revenue funds to finish the McPherson County site.
- SLIGP grant match ended up being \$308,988. Hopefully we can match this with in-kind labor, travel reimbursements, and materials/supplies for the operations. We did ask for \$80,000 in general funds to cover part of this, but we are being asked to pull the match from the \$165,000 we were allowed to keep for tower maintenance/work.

2. Grant Status

- DHS grants merged into the National Preparedness Grant Program
- DPS reallocating another \$82k to McPherson site, will now cover all Motorola costs associated with the site.
- Stefan Pluta is new SAA.

3. Digital Radio Infrastructure Updates

- Updates on sites– Pierce/Dravland

Site/ System Updates:

- Updates since last PSCC Meeting on 12/16/2013

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Site/ System Updates

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- We continue work on the McPherson site, tower and civil work is currently out to bid, we have one transmit frequency to replace that will be studied shortly and then combiner ordered, building/ generator/ radio equipment (replace with GTR's) already completed.
- Work on Reliance site , frequencies for that site determined, now to study those on site. Tower analysis passed.
- Union County site is moving forward, it will be a 130 ft tower located at the old weigh station site North of Dakota Dunes on I-29. Tower to be installed by Union County in June, 2014.
- Pierre PD dispatch move to combine with SRC dispatch at the Mickelson facility is moving forward fast, we have installed 12 control station base antennas, mounts, feedline.. We also have pulled 700 ft of 50 pair Category 5 base station control lines from the Mickelson building engineering back room to the tower building. We will be receiving base stations to test shortly.
- The Herreid, Castle Rock, and Pierre sites have had requests for Cellular augmentation of coverage for 4G use by AT&T.. We have approval structurally for Herreid and Castle Rock, the Pierre Monopole is still in process.

- Pennington County dispatch consolidation, Consoles have been placed in the Pennington County dispatch center and completed configuration and they are now operating on those. Next step will be move of their current center, and also bring in SRC dispatch.
- DOT has ordered 253 radios to upgrade from their current Spectras to the XTL2500's for existing and some new trucks, those radios are now shipping and being programmed for installation. Pierre area to install base radios and extension speakers in local area shops.
- Other site antenna removal work to clean up towers, and at Huron to either paint tower or install Strobe lighting.
- Work at Ipswich with Edmunds County local repeater install, licensing for Yankton HSC repeater, and other tower updates at Webster, Huron, Herreid.

Upcoming System Work

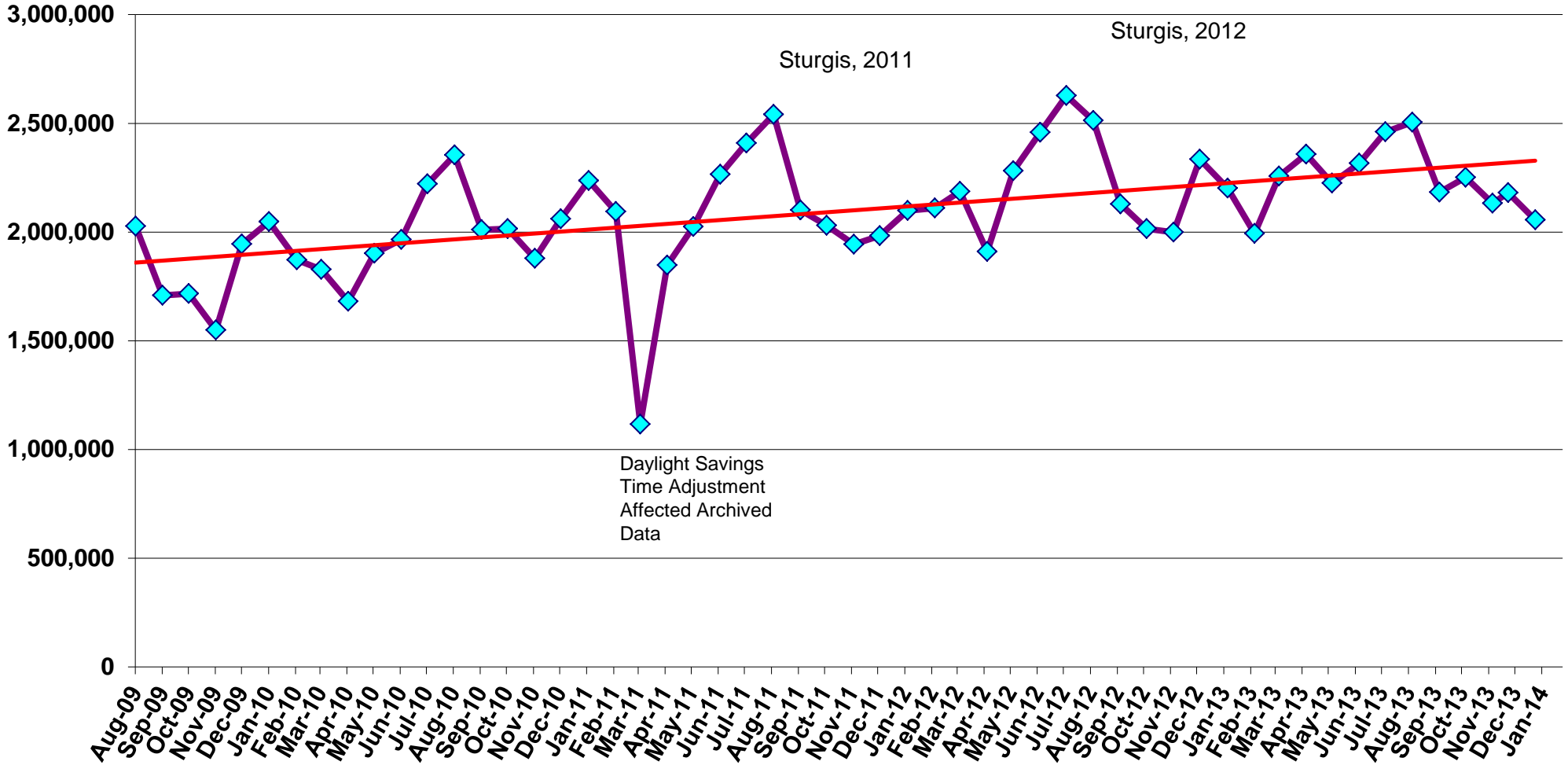
- Move Generators inside at Ridgeview and Shadehill.
- Continue to remove equipment from the Becker-Hansen Master Site, I have removed much cabling to date, and continue on that.
- Continue with the above mentioned project work.

System Stats

Radio ID's in the System 03/05/2014- 25,991 , up from 25,648.

Talkgroups in the System 03/05/2014- 1473, up by 2 from 12/2013

State Radio Call Volumes



4. SCIP Update

- Draft update of the December SCIP process is out on website <http://www.sdpscc.sd.gov/commplan.aspx>, please review
- Will need to get the SCIP corrected, approved, and returned back to OEC for final.

5. 700 MHz Plan/Meeting

**PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ANNOUNCES REGION 38
(SOUTH DAKOTA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEE TO
HOLD 700 MHZ REGIONAL PUBLIC SAFETY PLANNING MEETING**

Attention: All State, County, City and Tribal Public Safety Telecommunications Personnel
Notice: 700 MHz Regional Planning Committee Meeting
Date: December 5, 2013
Time: 09:00-12:00 CST
Location: Mickelson Public Safety Center
DCI Large Conference Room
1302 E. Hwy 14
Pierre, SD 57501

The purpose of the meeting is to initiate the public safety Region 38 (South Dakota) planning process for frequencies located in the 700 MHz frequency band. The FCC requires that each public safety region develop a comprehensive regional plan that dictates how channels in the 700 MHz frequency band will be assigned and dispersed within each public safety region.

The FCC's release of channels in the 700 MHz frequency band presents the prime opportunity to address existing spectrum shortfalls and secure spectrum to build out entirely new communications systems. All state, county, city, and tribal public safety agencies wishing to learn more about 700 MHz or to have a voice in the planning process should plan on attending.

Agenda:

- Introduction
- Record of attendance
- Introduction to Region 38 700 MHz planning presentation presented by the region's consultant, ACD Telecom, LLC
- Open discussion on what is needed to develop the Region 38 700 MHz plan
- Description of planning committee roles and duties
- Election of third member of Region 38 700 MHz planning committee. Also, assign sub-committees and their members
- Review of action items and schedule for next meeting

For further information, please contact:

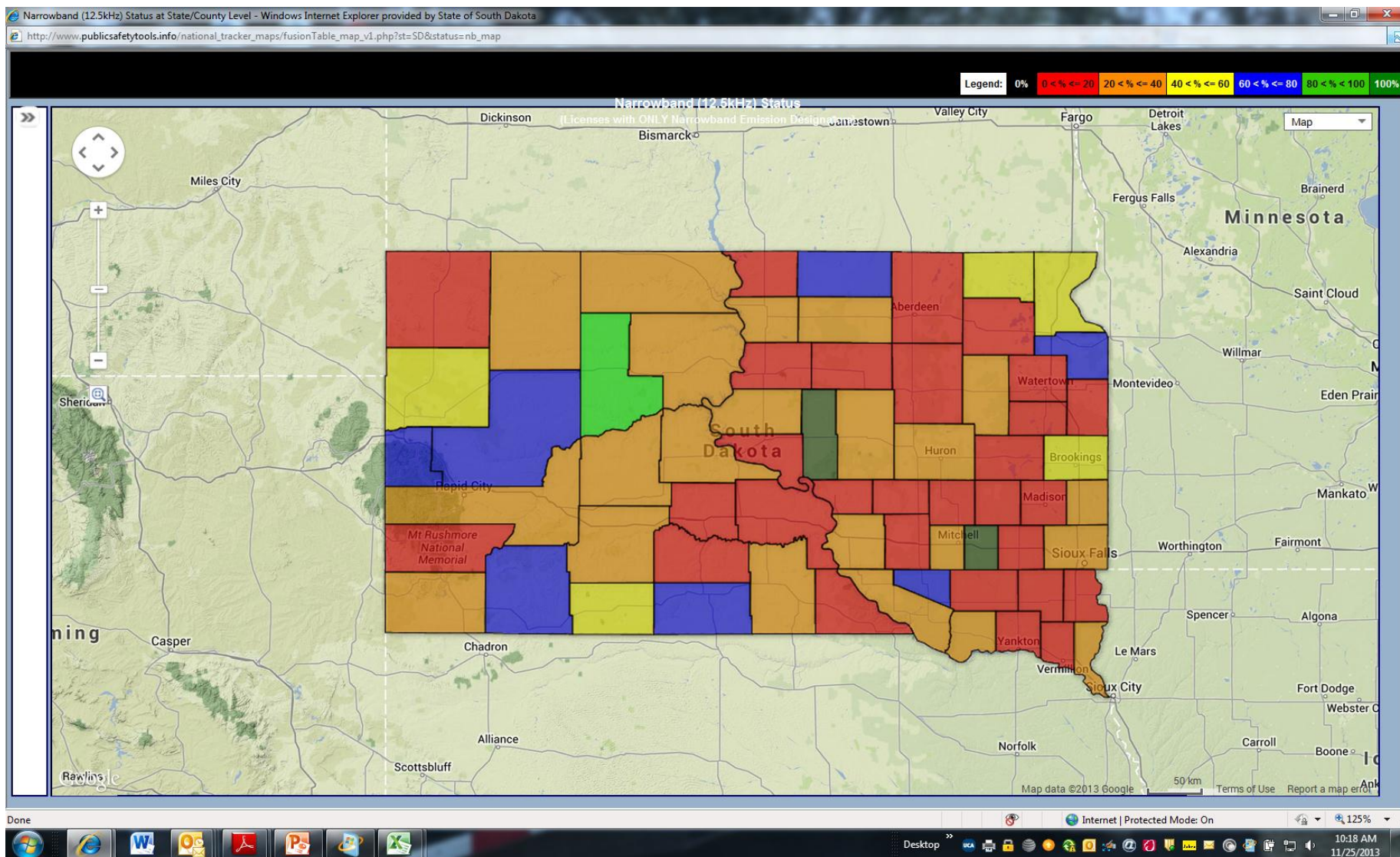
Todd Dravland, Chair
Region 38 700 MHz RPC
State Radio Engineering
1302 E. Hwy. 14, Suite 8
Pierre, SD 57501
(605) 773-4635
Todd.Dravland@state.sd.us

6. OEC Updates, Pierce for Dan Hawkins

- Technical assistance for tribes across South Dakota

7. Narrowband Progress in State

At this point we have not heard of any issues. We are not sure of the amount of requested licensing going on right now, but problems will start showing up when new licensing ramps up on the narrowband channels if there are still WB channels in use.



8. Train the Trainer Program

http://www.sdpscc.sd.gov/documents/RadioTrainer5_000.pdf

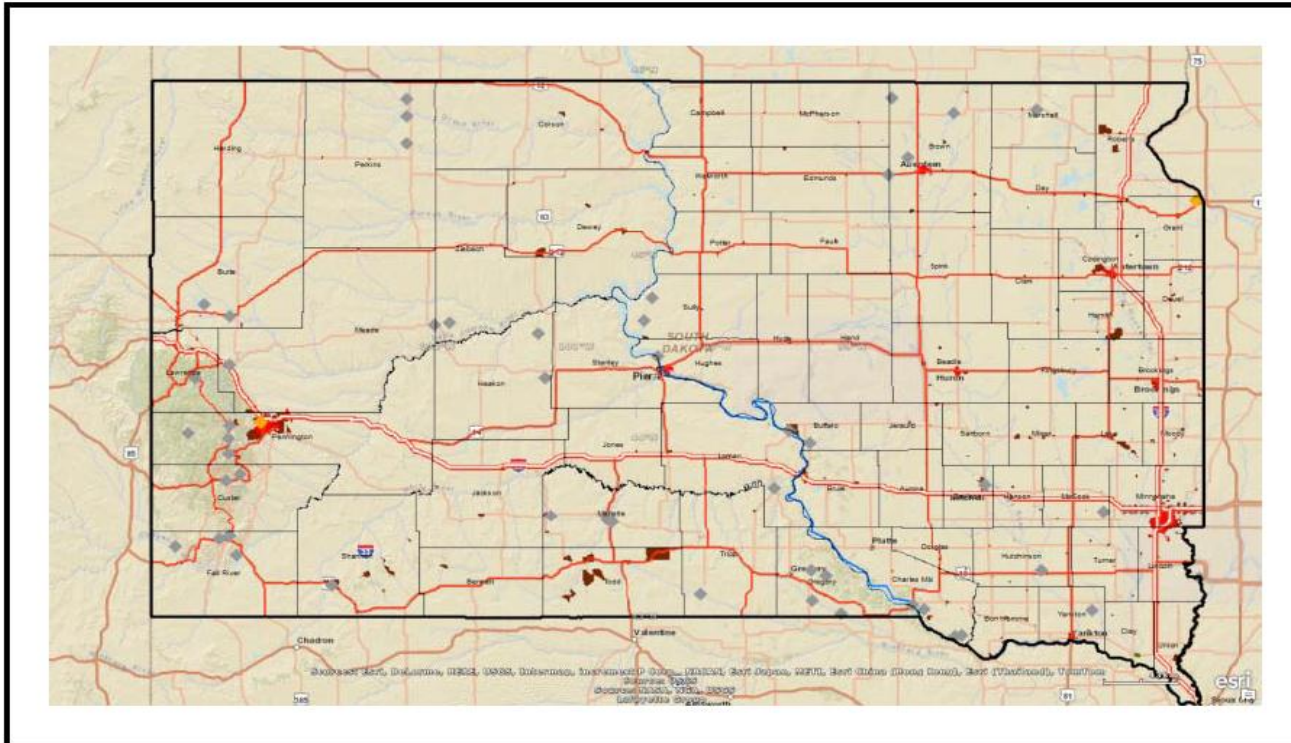
- Todd is working on a training session for the Hoven VFD.

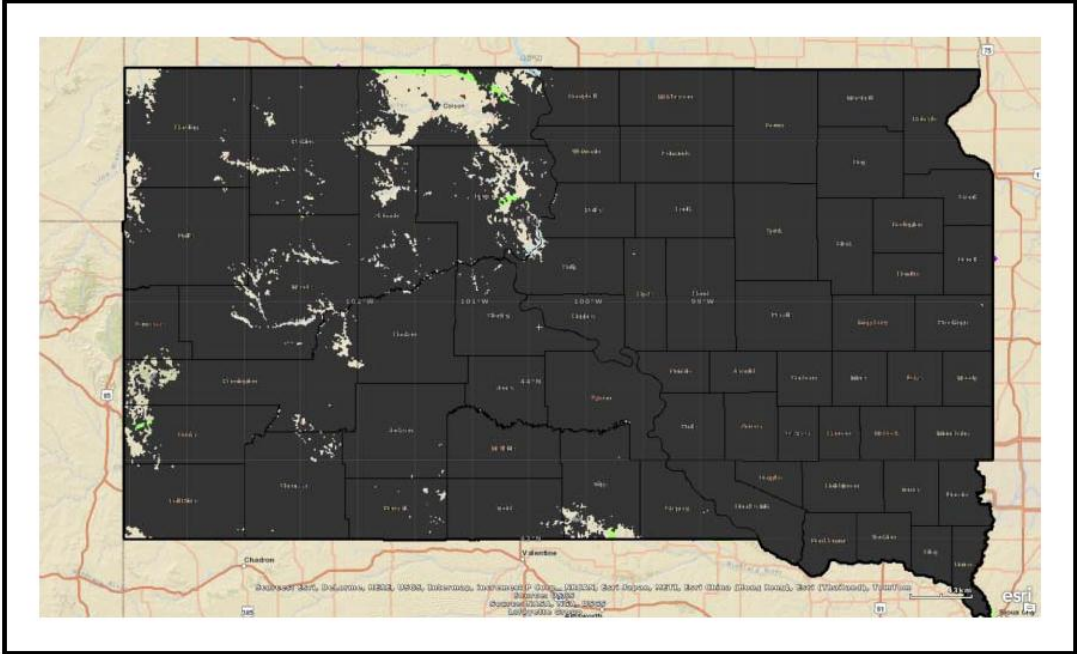
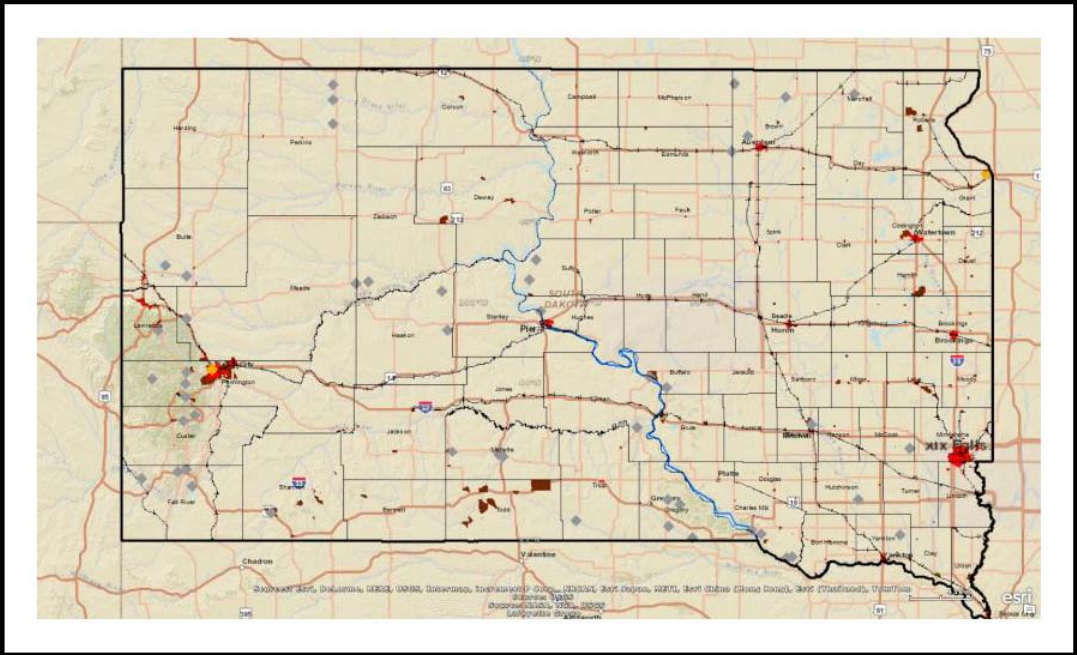
9. NPSBN

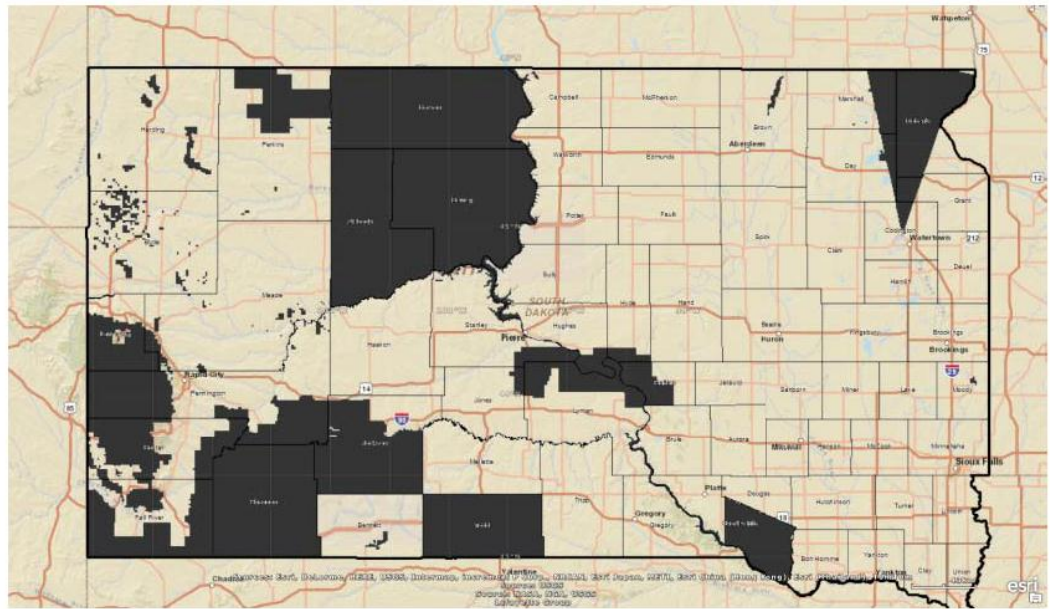
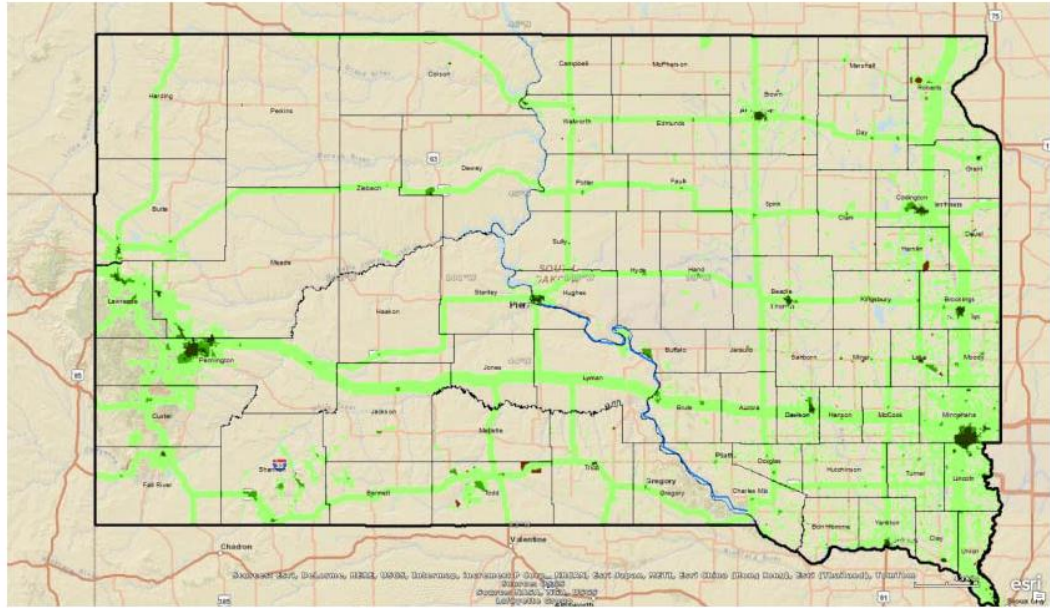
- FirstNet has issued and received responses on RFI's concerning device and network status in industry.
- Hired General Manager, Deputy General Manager, and Governmental Affairs Officer.
- Rural model, deployables, disaster response or disaster recovery?
- South Dakota's revised application total was \$1,547,631 with \$309,528 in state match (in-kind and cash purchases).
- Serious concerns about the management of this process/project after the SLIGP grant is finished may need another FTE.

Update

- The 1st quarter reports have been submitted
- A team of 5 attended the regional SLIGP workshop in Phoenix.

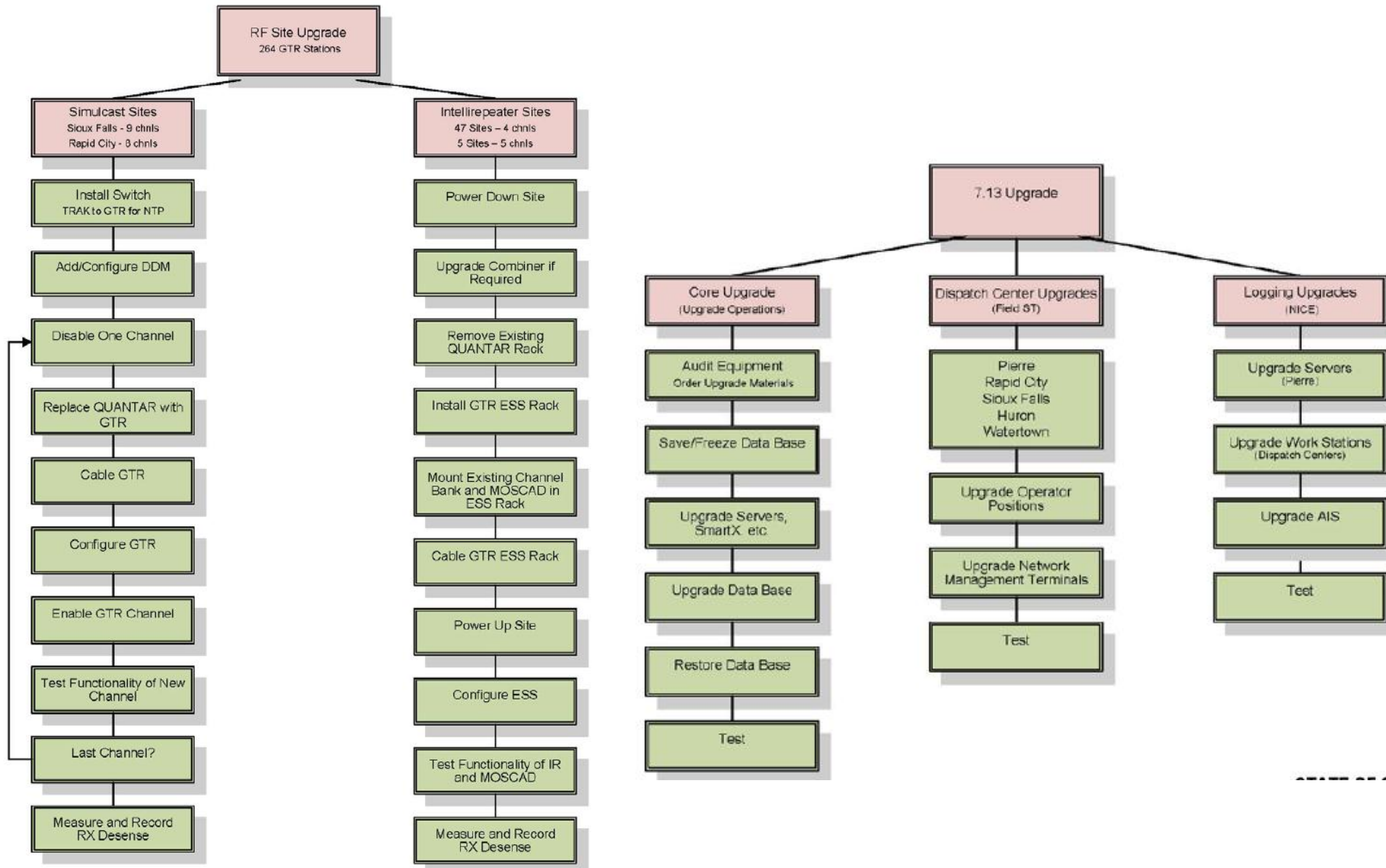






10. P25 Migration/System Updates

Project scope and schedule:



Task Name	Duration	Start	Finish
Project Implementation	385 days?	Tue 12/31/13	Fri 7/3/15
Contract Award	1 day	Tue 12/31/13	Tue 12/31/13
Contract Administration	12 days	Thu 1/2/14	Fri 1/17/14
Project Kick-Off	32 days	Thu 1/23/14	Fri 3/7/14
Contract Design Review	7 days	Thu 2/27/14	Fri 3/7/14
Phase 1 Reserve Upgrade Software (Q1-14)	5 days	Mon 3/10/14	Fri 3/14/14
Phase 3 - Order 6 Site Test Systems (Q1-14)	5 days	Mon 3/10/14	Fri 3/14/14
Phase 4 Order IR Sites 1-15 (Q2-14)	5 days	Mon 4/7/14	Fri 4/11/14
Phase 4 Order IR Sites 16-31 (Q3 - 14)	5 days	Mon 7/7/14	Fri 7/11/14
Phase 4 Order IR Sites 32-45 (Q4-14)	5 days	Mon 10/6/14	Fri 10/10/14
Phase 1 Manufacture Upgrade Software	11 days	Mon 3/17/14	Mon 3/31/14
Phase 3 - Manufacture 6 Site Test System	11 days	Mon 3/17/14	Mon 3/31/14
Phase 4 - Manufacture IR Sites 1 - 15	55 days	Mon 4/14/14	Mon 6/30/14
Phase 4 - Manufacture IR Sites 16-31	35 days	Mon 7/14/14	Fri 8/29/14
Phase 4 - Manufacture IR Sites 32-45	54 days	Mon 10/13/14	Wed 12/31/14
Phase 3 - Install/Optimize 6 Site Test System	27 days	Tue 4/1/14	Wed 5/7/14
Phase 4 - Install/Optimize IR Sites 1-15	19 days	Tue 7/1/14	Mon 7/28/14
Sturgis Break	15 days	Tue 7/29/14	Mon 8/18/14
Phase 1 Upgrade Master Site (Step 1)	55 days	Mon 6/16/14	Tue 9/2/14
Phase 1 Upgrade Master Site (Step 2)	25 days	Wed 9/3/14	Tue 10/7/14
Phase 2 Upgrade Console Positions	19 days	Wed 10/8/14	Mon 11/3/14
Phase 4 - Install/Optimize IR Sites 1-15	41 days	Tue 11/4/14	Mon 1/5/14
Phase 4 - Install/Optimize IR Sites 16-31	59 days	Tue 1/6/15	Fri 3/27/15
Phase 4 - Install/Optimize IR Sites 32-45	59 days	Mon 3/30/15	Thu 6/18/15
Punch list Resolution	286 days	Thu 5/8/14	Mon 6/22/15
Final Documentation	8 days	Tue 6/23/15	Thu 7/2/15
Final Acceptance	1 day?	Fri 7/3/15	Fri 7/3/15

Key:
In Progress
At Risk
Completed

11. Broadband Subcommittee

Direction from FirstNet?

12. Radio Collection/Distribution Process -- Timmerman

13. Other

New Business

1. New Membership overview

2. Election of Member at Large and Vice Chair

3. Next Generation (NG) 911 (overview by Tooley)

4. PSAP/SRC Consolidation

5. Communications Asset Survey & Mapping

Communications Assets Survey and Mapping

www.publicsafetytools.info



Interoperable Communications Technical Assistance Program

Public Safety Technical Assistance Tools

Welcome to the Public Safety Technical Assistance Tools Website

Home Tools Resources Training PSToolsHelp What's New (as of 12/09/2013)

Tools

FMT

Frequency Mapping Tool

MDST

Mobile Data Survey Tool

NLST

Narrowband License Status Tool

NSTT

Narrowband SummaryTracker Tool

PS Library

Public Safety Library

Resources

NIFOG Info

National Interop. Field Operations Guide

NPSBN

Nationwide Public Safety Broadband Network

TA Request

Technical Assistance Catalog, Request & Evaluation Forms

AUXFOG

Aux. Communications Field Operations Guide

OEC Docs.

Office of Emergency Communications

FCC Src.

Federal Communications Commission

Training

Gateways

Audio Gateway Training Materials & CBT

AUXCOMM

Aux. Communications Overview Training

Radio 101

Basic LMR Overview Presentation

CASM NextGen

Targeted Training Information

COMU

Communications Unit Overview Training

Proj. Mgmt.

Project Management Overview Training

Tribal Outreach

Engaging Tribal Governments Overview Presentation

PSTools Trainin

Public Safety Tools Training Schedule

Controlled Access:

[* How do I get Access?](#)

CASM NextGen

Communication Assets Survey & Mapping Next Generation

RLCT

Response Level Communications Tool

ICTAP

Interoperable Communications
Technical Assistance Program

Table View

Add Item

View Filter

Select Layers

GEO-Filter

Agencies

Fixed Assets

Mobile Assets

APPLY

By Data Source

Select All

CASM 1.6

Ext Source

By Government Level

Select All

Federal

Tribal

State

County

Local

Other

By Discipline

Select All

Courts/Law/Sec

Emergency Mgmt

EMS

Facilities

Fire Service

Highway/DOT

Hospital/Medical

Military

Natl Sec/Intnl

Law Enforcement

Public Admin

Public Health

Pub Safety Comm

Public Utilities

Specialized Law

1182

928

254

1182

1

12

38

338

708

85

1182

114

86

127

0

439

0

80

2

0

240

5

0

1

44

57



ICTAP

Interoperable Communications
Technical Assistance Program

Table View

Add Item

View Filter

Select Layers

GEO-Filter

Agencies

Fixed Assets

Mobile Assets

APPLY

By Asset Type

Select All

- Fixed Gateway
- Dispatch Center
- Tower
- Site
- Radio System

62

0

0

48

3

1

Radio System By Freq Band

Select All

- 800 MHz
- 700 MHz
- UHF
- VHF Hi
- VHF Lo
- HF
- Other

0

0

0

1

0

0

0

Radio System By Type

Select All

- Trunked
- Conventional
- Both

1

0

0

Radio System By Mode

Select All

- Analog
- Digital
- Mixed

0

1

0



Slim Buttes

Last modified: 03/04/2014 by Jeff Lee

Tower Information

Instructions: Use this page to input tower information.

Name: *

Owner / Responsible Agency:

Legacy CASM Owner:

County of origin: *

Address:

Select Format: G h j u h v G h f p d o

Latitude: *

Longitude: *

Type:

Structural Standard Compliance: H I D 2 W I D 0 5 5 5 # U h y # # H I D 2 W I D 0 5 5 5 # U h y # # R w c h u #

Height (meters):

Elevation (meters):

No. of LMR antennas installed on the tower:

Room for more antennas: \ h v # Q r # X q n q r z q #

Highest available height for antennas (meters):

6. New talkgroups, criteria, education
7. Future site priorities (Reliance, Union County, etc.)
8. Travel Reimbursement Forms
9. Other

Organizational Reports

Police Chief's Assn. – Brandon Semmler
Sheriffs Assn. -- Dave Ackerman
DCI -- Attorney General – Dan Satterlee
GFP -- Andy Alban
DOT -- Greg Fuller
National Guard – SSG David Goodwin
Emergency Managers – Harold Timmerman
Firefighters -- Dennis Gorton
Healthcare -- Rebekah Craddock
Dept. of Public Safety -- Ryan Mechaley
APCO/NENA -- Matt Tooley
EMT's -- J.D. Geigle
Wildland Fire/DOA – Paul Reiter
County Commissioners -- Bob Wilcox
Health Dept. -- Rick LaBrie
Tribal Governments -- Larry Jandreau
Federal Government -- Bob Fischer
BIT Engineering -- Jeff Pierce

Closing Comments

Vice-chair –
Member at Large -- Mechaley
Chair -- Tooley

Next Meeting: date, time, location.





South Dakota's Public Safety Broadband Network

First Responders:

Over the past year there have been some important developments that may impact you, but will certainly impact those that follow in your shoes. As technology continues to play a larger role in how we respond to situations and events, Congress passed important legislation in 2012 that will help deliver that technology to the field in a consistent manner nationwide.

On February 22, 2012, the Middle Class Tax Relief and Jobs Creation Act was signed into law. This legislation established the First Responder Network Authority (FirstNet) and charged it with creating a Nationwide Public Safety Broadband Network (NPSBN). The premise behind the NPSBN is having available mobile data bandwidth for our nation's first responders no matter what the situation. Currently in emergencies the wireless carriers can be overwhelmed and access to cellular voice or data services may become unreliable, if available at all. The NPSBN concept is that a separate wireless network will be created especially for use by public safety, thus ensuring access in the worst of times.

How will this affect us in the field? Think about having school security camera feeds available in your patrol car, or gas shut off locations and building layouts in your fire trucks, or having information about flood plains and all affected critical infrastructure available at any time, or running telemetry and a video feed from your ambulance. All of these are available or in development and will become part of our normal operations at some point.

FirstNet has initiated outreach to the State of South Dakota and its public safety community to ensure the NPSBN meets the varied needs of South Dakota. South Dakota's Public Safety Broadband Network (SDPSBN) is similarly conducting outreach and education and it is our initial plan to visit each community with a first responder agency to discuss the process and answer any questions we can. We anticipate that if you have not heard of this process, you will, and our job right now is to answer any questions we can.

In the meantime, I would encourage you to visit psbn.sd.gov for more information or join in on the Twitter conversation and follow us at [@SDPSBN](https://twitter.com/SDPSBN). Throughout 2014, you will receive more information from us in which we will be requesting a time to meet in person and go over this new initiative.

If you have any questions, please do not hesitate to contact me at any time.

Jeff Pierce, SDPSBN Lead Contact
SD Bureau of Information and Telecommunications
700 Governors Drive | Pierre, SD 57501
PSBNInfo@state.sd.us or 605.773.4347

*The South Dakota Public Safety Broadband Network (SDPSBN) is part of a national effort to provide available mobile data bandwidth for our state's first responders.
Connect with us today at psbn.sd.gov or [@SDPSBN](https://twitter.com/SDPSBN)!*