

Public Safety Communications Commission

WyoLink Status

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The construction of the WyoLink infrastructure is progressing rapidly. The Master Site in Cheyenne and the Zone 2 controller in Casper are completed. A new microwave path has been established between Casper Mountain and the Zone 2 controller. The pilot phase passed its functional tests and many system-wide technical issues have been addressed and resolved. The pilot phase includes 5 radio sites in Laramie and Albany Counties.

Seventeen (17) Phase 2 radio sites are completed and awaiting FCC licenses to be finished, turned on and placed into service. Phase 2 includes the following counties: Albany, Carbon, Converse, Goshen, Natrona, Niobrara, Sweetwater and Uinta. One radio site in Sweetwater County (Delaney Rim) is still in construction and will be completed in 2008.

Nine (9) radio sites in Phase 3 are completed and awaiting FCC licenses to be finished, turned on and placed into service. Phase 3 includes the following Counties: Campbell, Crook, Johnson, Sheridan and Weston.

Ten (10) radio sites in Phase 4 are completed and awaiting FCC licenses to be finished, turned on and placed into service. The counties involved in the Phase 4 construction in 2007 includes: Big Horn, Hot Springs, Fremont, Lincoln, Park, Sublette and Washakie.

Eleven (11) Phase 4 radio sites are currently scheduled for completion in 2008. These Phase 4 radio sites are located in Big Horn, Fremont, Lincoln, Park and Teton Counties.

The most probable cause for delay in Phase 4 is radio site acquisition on Federal lands. WyoLink is working closely with the USFS, BLM and WYDOT Right of Way to reduce the delays to site acquisition. WyoLink is currently working with Motorola to obtain frequency licenses. The statewide frequency plan has been coordinated and submitted to the FCC for approval and licensing. Additional Federal frequencies, that do not require FCC approval, are being sought to fully implement the frequency plan. A map of the current WyoLink status is posted on the WyoLink website at <http://wyolink.wyoming.gov/>

We would like to thank you for your interest in Wyoming's PSCC. We welcome any questions, comments, or suggestions you may have to this publication. You may direct them to Bob Symons at 307.777.5065 or by email at bsymon@state.wy.us

<http://pscc.wyoming.gov>

WyoLink Membership

As WyoLink nears completion in many parts of Wyoming, the process for becoming a WyoLink subscriber needs to be outlined. The membership application is available for download on the WyoLink website - <http://wyolink.state.wy.us/join.asp> or the PSCC website - http://pscc.wyoming.gov/c_minutes.html

The application process begins with completing the WyoLink Membership Application and the WyoLink Agreement Attachment A – Relationship Manager and sending both to the PSCC Administrative Support, Emerson Building – Room 228C, 2001 Capitol Avenue, Cheyenne, WY 82002. Upon receipt of the application, The PSCC Administrative Support and the WyoLink Support Manager will work with the Agency Relationship Manager to coordinate feasibility, agency radio list and talkgroup plan.

In order to reduce the number of times that a radio may need to be programmed, the PSCC Administrative Support will work through the County Coordinator to set up a meeting with all public safety agencies in a County to develop a talkgroup plan for the County. A talkgroup plan is a description of channels and talkgroups that will be installed in the radios. Although not all agencies in the county may participate on WyoLink initially, having a county talkgroup plan in place insures that as additional agencies begin using WyoLink their radios can be pre-programmed and ready for participation, reducing the cost and implementation effort.. The talkgroup planning meeting will need to include all public safety agencies and dispatch centers in the county.

Once the talkgroup plan is completed, the WyoLink application will be reviewed by the PSCC Interoperability Executive Committee. Notice of this meeting will be sent to all applicants that have pending applications. The Interoperability Executive Committee will make a recommendation to the Executive Committee as to the application status. Upon the Executive Board decision for membership, a Membership Agreement will be completed and sent to the agency for signatures.

Upon the receipt of the signed Membership Agreement, the agency's subscriber equipment will need to be programmed by their service provider. The radio's code plug will have to be sent via e-mail to WyoLink for the inclusion of the WyoLink talkgroups, which will then be sent back to the service provider for final programming. The service provider will not be able to program the WyoLink talkgroups, but can program all of the conventional channels in the radios. WyoLink will add the radios to the Master Control, which will complete the activation process.

Upon the completion of activation process, all users will need to complete WyoLink training. The training will cover WyoLink features, policies and procedures of WyoLink, radio templates, use of Multiple Agency Talkgroups (MAT), County Agency Talkgroups (CAT), National Weather Service talkgroups and the National Interoperability Channels. The training will be provided at the agencies location and scheduled to meet their needs.

Upcoming Events

Calendar posted @ <http://pscc.wyoming.gov>

1/28/08 * 2/25/08 * 3/31/08 Project Team Meetings 10 am–12 pm

@ WyDOT Planning Building, 2nd Floor Training Room

This is a monthly meeting held by the WyoLink Project Manager and Motorola. The meeting gives an overview of the progress over the past month, what is taking place in the near future, and any problems or concerns that need to be addressed with WyoLink.

3/10/08—PSCC Informational Meeting—Cody

3/11/08 - PSCC Meeting—Cody

This is the quarterly general business meeting of the PSCC. Each committee gives a standing report; any concerns or problems are discussed and action taken, if needed. A progress report on the WyoLink project is also presented.

WyoLink Budget Request

The Wyoming Department of Transportation has submitted a budget request to the Wyoming Legislature to fund an expansion of the core WyoLink system for local responder portable coverage enhancements in 22 areas of concern. Upon approval, the PSCC will work with local agencies to survey the portable radio coverage provided by the core WyoLink radio sites as the first step in determining a need for additional sites. The survey will include side by side comparison of a local areas current conventional portable radio coverage and the coverage provided by WyoLink. The results of the comparison study may determine areas that could be improved through the installation of a local radio site. Local agencies will then be asked to provide a location, tower, equipment building and power. This may be a radio site that is currently being used by other agencies.

The WYDOT budget request of \$8,030,000 provides the estimated \$365,000 per site for 22 radio sites. This line item includes the radio frequency equipment, engineering, integration, frequency planning and connectivity.

WYDOT also requested an additional \$4,000,000 for assistance to local agencies for site development. This request is for financial assistance to localities, if necessary to develop sites for portable coverage enhancement equipment, including site leasing, tower, building and power. Costs for the 22 sites will vary depending on what existing facilities, services and access already exist. The \$4,000,000 would be allocated through a grant review and approval process of the Public Safety Communications Commission (PSCC) and disbursed through WYDOT.

PSCC Members

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State Parks and Cultural Resources

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County Government

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Kim Lee
Homeland Security

Danny Glick
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Doug Noseep
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Wyoming Department of Transportation

Jimmy Siler
Livestock

Bob Wyatt
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Earl Atwood

Staff Support

Bob Symons

WyoLink Demonstration

On Thursday, January 10, 2008 the PSCC and WyoLink demonstrated the WyoLink radio system to the Wyoming Legislature Joint Appropriations Committee. Mobile radios were located at: Cheyenne – Capitol Building; Laramie – outside Laramie/Albany Records and Communications; Albany County - Rogers Canyon; Torrington; Casper Fire Station 1; and Uinta County

The talkgroups that were used during the demonstration were:

WyoLink1	Laramie, Albany County and Uinta County
WyoLink2	Torrington and Casper
MATo	All participants

Marty McCoy, WyoLink Support Manager, was WyoLink Control and led the demonstration from the Capitol. Two (2) mobile radios were set up in Room 302 of the Capitol Building. One radio was on WyoLink1 and the other radio was on WyoLink2. Mobile radios were the primary radios used during the demonstration, but portables radios were also used.

Marty McCoy started the demonstration with a call to Laramie, Rogers Canyon and Uinta County on the WyoLink1 talkgroup. At the start of the demonstration the Uinta County location was in Mountain View and then was mobile in eastern Uinta County. The communications were very clear with no problems encountered.

Marty McCoy then contacted Casper and Torrington on the WyoLink2 talkgroup. Again the communications were clear and no problems noted.

At this point in the demonstration, all participants were asked to change their talkgroups to MATo, the interoperable talkgroup. All participants were able to talk to and listen to all other participants. Portable radios were use during this portion of the demonstration, although WyoLink is being designed as a mobile radio system. Most of the testing sites did have portable radio coverage although some voice digitizing was noted.

The demonstration ended with a questions and answer period on the operations of WyoLink. Some problem areas were identified during the demonstration (although they did not affect the quality of the demonstration) and those will be reviewed by the WyoLink staff and Motorola.

PSCC Chairman Steve DeCecco would like to personally thank the Joint Appropriations Committee, WyoLink , WYDOT, Wyoming APCO, Motorola and PSCC staff that helped make this a very successful demonstration.

PSCC Newsletter

The goal of the PSCC Newsletter is to disseminate information to all agencies and individuals interested in the PSCC. To reduce printing and postage costs all issues will be in electronic format. If you would like to continue receiving the PSCC newsletter please visit <http://psc.wyoming.gov> and click on E-mail/Newsletter sign up. This will be a quarterly, electronic publication distributed after every Commission meeting.

PSCC Mission:

The mission of the Wyoming Public Safety Communications Commission is to develop recommendations for policy and guidelines, identify technology and standards, and coordinate intergovernmental resources to facilitate statewide interoperability with emphasis on public safety.