



Dave Freudenthal
Governor

Kim Lee
Chairman

State of Wyoming

Public Safety Communications Commission

WyoLink Operations Work Group
Meeting of April 20, 2009
Emerson Building - Cheyenne
And Phone Conference Call

Chairman Jerry Kennedy called the meeting to order at 2:00 p.m.

Attendees –Bill Morse, Dan Perko, Jim Archerd, Marty McCoy, and Bob Symons, Phone Conference Call: Jerry Kennedy, Bob Wyatt, Mark Harshman, Danny Glick and Patty Bauer. Guests in attendance: Wayne Peterson and Phil Bond – Motorola. Guests on Phone Conference: Dave Adsit, Chief Adriaens and Lt Wilde – Gillette Police; Gary Caprioglio, Barb May and Debbi Serke - Motorola and Robert Wilson – WYDOT

The minutes of the March 9, 2009 were reviewed. **Bob Wyatt made a motion to approve the March 9, 2009 minutes. Marty McCoy seconded the motion and the motion passed on a voice vote.**

Old Business

Elk Mountain Site – Marty McCoy presented a summary of the Elk Mountain Testing that was completed by Barb May and Cari Southerland – Motorola on March 2nd and 3rd. The Wyoming Office of Homeland Security (WOHS) provided their portable tower with the transmit antenna at a 40 foot level. A repeater set in V.52 test mode was used to provide the output that was used during the testing. The testing predicted coverage throughout the 20 mile area on I-80 between milepost 243 and milepost 263 with the exception of two areas between mileposts 257 & 259 (2 miles) and milepost 262 & 263 (1 mile). The testing was verified by using an XTL 5000 radio and a laptop computer running Motorola's Voyager program. The estimated costs for a site at the Elk Mountain interchange on I-80 would be \$480,000.

Discussion on the testing results. Captain Bill Morse – WHP presented information on the vehicle accident records for 2008 in the areas that do not have coverage. There were 28 accidents in the area without coverage. Both areas are on the downhill side of hills and have presented problems with WYDOT and WHP during poor weather conditions. Due to the accident record for these areas, WHP feels the coverage gap is not acceptable. This view was echoed by others participating in the meeting.

Marty McCoy provided information on how the multi-path issue cause's problems with digital radios even when there are strong signals from the tower sites.

The discussion moved to if there are other areas that additional testing may be completed that may improve upon the coverage in the Elk Mountain area. Although there are other towers in

this area, the leasing of tower space has been determined to be prohibitive and the development of a WYDOT site would be less expensive in the long term. This area on I-80 has many topographical challenges to providing good radio coverage and that cause the multi-path issues that is currently being experienced.

The work group decided that additional testing should be completed in this area. Marty McCoy stated the WyoLink Support with the assistance of the WYDOT Telecom will look as some preliminary review of possible testing locations that could lead to more advanced testing to reduce the coverage problems in the Elk Mountain Area of I-80.

New Business

Gillette Police Department Request – The Gillette Police Department has sent a request to the PSCC to connect their proposed P-25 800 MHz Smartzone sites to the WyoLink system. It is the intent of Gillette to build a two site 800 MHz system for portable radio use and they will use WyoLink VHF for the Mobile radio use. Gillette will be building the system and the connectivity to the WyoLink Site at Roset.

Discussion on the WyoLink portable radio coverage in the Gillette area. More testing will need to be completed to determine the WyoLink coverage in and around Gillette. Gillette Police Department will be only users on the 800 MHz sites and all other Campbell County users will be using VHF. Gillette is willing to work with all of the Campbell County radio users on any additional low level sites.

The Spectrum Work Group will need to work with Gillette on finding 800 MHz frequencies that could be used for the proposed 800 MHz system.

Bob Wyatt made a motion to accept the request from the Gillette Police Department to connect the 800 MHz system to WyoLink. Mark Harshman seconded the motion and the motion passed on a voice vote.

Bob Symons stated that there has been discussion with Gillette on the number of channels that will be used on the 800 MHz system. Gillette stated they will be building 4 channel sites. Bob Symons will be checking with Chairman Lee on requesting an e-mail request to the PSCC for a preliminary approval with a formal approval at the June PSCC meeting. This would allow Gillette to start moving forward on the development of the 800 MHz system.

Other

Portable Radio Testing – Portable radio testing has been completed in Platte County and the preliminary results indicate better coverage with WyoLink when compared to the current conventional portable radio coverage. There are plans to perform the radio coverage testing in Fremont County on Tuesday April 21st, Hot Springs County on Wednesday, April 22nd and Albany County/Laramie on Tuesday, April 28th.

Marty McCoy provided an update on the Cheyenne Water Tank site. The power update will start when the weather cooperates and Union Telephone is looking for a replacement generator, a new generator will be delayed until June due to EPA regulations. Bob Symons stated the federal

frequencies for this site are progressing through the NTIA process and we should be receiving the allocations within a month.

Marty McCoy made a motion to adjourn, seconded by Bob Wyatt. Motion passed on a voice vote.

The meeting was adjourned at 2:52 pm.

Respectfully Submitted,

Robert Symons
PSCC Administrative Support