WyoLink Support Manager Report to the PSCC
March 16, 2011

WyoLink has 48 of the 55 identified core sites functional. Three additional WyoLink sites under construction will be completed during the spring and summer of 2011. This would bring the count of operational core WyoLink sites to 51, over 90% of the WyoLink core sites that have been identified so far. The Portable Coverage Enhancement site at Torrington is operational, bringing the total number of sites built by WyoLink to 49.

We are waiting for US Forest Service approval of Special Use Permits for two more sites. These sites are Angles Trailhead (or another site in the area) and Pow Wow. Construction has begun on two of the sites on Forest Service Land; Salt Pass (construction is stalled for the winter season), and Duncan Lake (construction is stalled for the winter season). Construction on Hell Hole should begin this spring after the snow has cleared. Pinkham Mountain only needs the FCC licenses to allow the RF Combining equipment to be ordered. Pinkham Mountain is scheduled to be completed late spring / early summer 2011. The Pow Wow Point site will not be operational until 2012, as I do not anticipate this permit will be approved in time to complete construction until late 2011. The permit for the site near Elk Mountain at Halleck Ridge is in process with the BLM, and is to be on track for construction to begin the spring of 2011.

The microwave link is in place and operating properly between the Casper Hall of Justice and the WyoLink Zone 2 controller. Currently part of Casper's 800 MHz site is functional on WyoLink to facilitate testing and operations during Casper's migration. Motorola is working toward resolving issues with some of Casper's older mobile radios to allow them to work properly on WyoLink. Motorola has identified a possible solution, and after testing will schedule Casper's cut over to WyoLink.

I am working with the PSCC, the Wyoming Office of Homeland Security and several local agencies on Portable Coverage Enhancement Sites. The Portable Coverage Site at Torrington is operational. Lander, Laramie, Riverton and Thermopolis are on track for spring construction. Bob Symons and I are working with local agencies to address issues with leases as questions arise. Bob Symons and I have visited Buffalo, Douglas, Gillette, Newcastle, Sheridan and Sundance to discuss the need and possible location for a Portable Coverage Enhancement site. Portable Coverage testing will be conducted in Wheatland later in March in preparation for choosing a location for their PCE site.

On Monday, November 29th, Rob Wilson, Bob Symons, Tim Hibbard and I met with Motorola to discuss Lifecycle Management, WyoLink support issues and the possibility that an upgrade to the system software in the Master Site (among other locations) may be needed to keep WyoLink current and able to be supported and expanded. When my evaluation of the information presented at this meeting is complete, I will bring it to the PSCC with my recommendations (in consultation with Robert Wilson and Bob Symons).

About 79 Federal, State and Local Agencies are now registered to use WyoLink, with approximately 9,300 radios on the system. WyoLink continues to work with agencies wishing to move their operations

to WyoLink to create codeplugs for them to insert into their radios. To date this year, some 650 codeplugs have been created, with some 470 on the schedule to complete – a reduction from 1300 codeplugs pending in December, 2010. Our codeplug schedule is proving very valuable in tracking the codeplug work ahead of us and establishing our priorities. I urge everyone who has codeplug work scheduled to contact me if there are any questions about their codeplugs or their place on the schedule.

WyoLink has a newly installed Genesis GenWatch 3 monitoring tool that allows us to easily monitor several key operational parameters, including total system usage, number of radios on the system, number, duration and cause of any busy indications, airtime per hour and user, total airtime, PTT length, site and talkgroup usage among many others. This system allows access to this information in real time and with more ease than was available from the WyoLink servers and controllers. As we become more familiar with this GenWatch 3 system, we will configure it for most efficient use, and will begin using the information it provides to optimize WyoLink to maximize its usefulness and availability. In the month it has been in operation, we have found the reason for some of the busy indications on the system and taken steps to minimize them.

To date in 2011 (January 1st through February 28th), the WyoLink system handled 1,938,361 radio calls for a total time on the air of 6,875 hours (286 days). The chart attached to this report shows WyoLink usage visually. Busy indications remain at an insignificant 0.06%.