



Status Meeting Minutes

WyoLink Contact Number: 307-777-WLNLK (9565)

Date: October 26, 2015

Time: 10:00 A.M. To 10:35 A.M.

Location: WYDOT, 5300 Bishop Blvd, Cheyenne, Planning Building, Geology Conference Room, first floor (south end)
Conference Phone: 877-278-2734 PIN: 674402

Attendees
Bill Walter, PSCC
Dave Riegert, Motorola
Gary Caprioglio, Motorola
Jose Crespo, Motorola
Marty McCoy, WyoLink
Neil Clatworthy, Motorola

Paul Card, WY Dept of Health by phone
Rick Jansen WY Dept of Health by phone
Rob Cleveland, Converse County by phone
Robin Etienne, Green River by phone
Steve Langworthy, Motorola

1. Core Site Status

a. **Monument Ridge (BTNF):** October 26, 2015:

Status: The analysis of coverage maps for Kismet Peak and Monument Ridge indicate that Kismet Peak would not provide necessary coverage along Highway 189/191 in north western Sublette County, nor along Cliff Creek Rd in the back country in this portion of Sublette County. Of the 6 sites considered for coverage in the Bondurant area, Monument Ridge is the only technically feasible site providing needed coverage. Marty anticipates it is unlikely construction will be approved at Monument Ridge before 2017 due to the amount of time it will take for the Forest Service to evaluate our proposal. At this time, funds are not available to construct a site at Monument Ridge. Permission for BER based coverage testing has been granted by the Forest Service who also provided a suggested route to place a test radio on Monument Ridge for testing of coverage. A revised proposal was submitted to the Forest Service proposing using the existing Fire Lookout. This proposal is being evaluated by the BTNF Archeologist and the State Historic Preservation Office (SHPO). It is possible that the Fire Lookout's presence on the National Register of Historic Places may be an obstacle to using this building for WyoLink Equipment. The issues revolve around the lookout itself and how the viewshed would be affected by a WyoLink tower in the vicinity.

Actions: The BTNF is performing an on site survey to determine if the proposed site will affect the viewshed.

b. **Salt Pass (BTNF):** October 26, 2015:

Status: **This site is operational.** The decommissioning of the old site may be complete in 2015. Sealed bids were opened Wednesday, July 29th and the bid was awarded to Larson Tower Specialists of Riverton, Utah.

Actions: WYDOT and the Forest Service inspected the decommissioning work on Wednesday, October 14th. The Forest Service representative was satisfied with the work. After tying up a few loose ends, Marty will close this out.

2. **Local Site Status:**

a. **Glenrock:** October 26, 2015:

Status: In Progress. Licensing of frequencies has been completed.

Actions: The RF equipment has been installed. Microwave dish installation at Morton Hill is waiting for the mounting bracket to arrive. Planning on being active mid November.

b. **Archer Interchange:** October 26, 2015:

Status: In Progress. The RF equipment has been installed. Motorola is waiting for the microwave equipment to ship.

Actions: No Change in Status

3. **Console Connectivity:** October 26, 2015:

Status: Work orders have been submitted with ETS to convert the leased T1 circuits for Sundance and Pinedale to Wyoming Unified Network (WUN). Bob Symons indicates he would like to set up a CSSI testing session with several console vendors. Installation of the CSSI depends on when the funds become available. Work orders have been submitted to ETS to convert the leased T1 circuits to Sundance and Pinedale to Wyoming Unified Network. Lessons learned during the Sheridan T1 conversion will be applied to conversions in Sundance and Pinedale as well as any other agencies. The Wyoming Unified Network at Sundance has been installed. Once the Casper end is extended from Casper College to the Casper Port of Entry, testing of this link will begin. The WyoLink Support Office will coordinate with affected agencies well in advance of any conversion work to avoid any unplanned outages. Cody, Pinedale, Riverton and Thermopolis Wyoming Unified Network installations are in process.

Actions: Marty is working with ETS to resolve the delay with WUN installation..

4. **Adjacent State Connectivity:** October 26, 2015:

Status: Idaho, Montana, Nebraska, South Dakota and Utah are all in varying stages of system update and compatibility and are contemplating connectivity with Wyoming among other states. When WyoLink obtains CSSI, it will give us the ability to connect with adjacent states via ISSI. Colorado and Nebraska are the most immediate possibilities and will depend on T1 connectivity with these states.

Actions: The contract for CSSI has been signed and given to Motorola. As soon as a date for installation is available, it will be posted here.

5. **Risk Management:** These are WyoLink issues posing significant risk to the system and a description of the risk.

a. **Hoback Area Communications:** **Medium Risk.** October 26, 2015.

Status: The analysis of coverage maps for Kismet Peak and Monument Ridge

indicate that Kismet Peak would not provide necessary coverage along Highway 189/191 in north western Sublette County, nor along Cliff Creek Rd in the back country in this portion of Sublette County. Of the 6 sites considered for coverage in the Bondurant area, Monument Ridge is the only technically feasible site providing needed coverage. Marty anticipates it is unlikely construction will be approved at Monument Ridge before 2017 due to the amount of time it will take for the Forest Service to evaluate our proposal. At this time, funds are not available to construct a site at Monument Ridge. Permission for BER based coverage testing has been granted by the Forest Service who also provided a suggested route to place a test radio on Monument Ridge for testing of coverage. A revised proposal was submitted to the Forest Service proposing using the existing Fire Lookout. This proposal is being evaluated by the BTNF Archeologist and the State Historic Preservation Office (SHPO). It is possible that the Fire Lookout's presence on the National Register of Historic Places may be an obstacle to using this building for WyoLink Equipment. The issues revolve around the lookout itself and how the viewshed would be affected by a WyoLink tower in the vicinity.

Actions: The BTNF is performing an on site survey to determine if the proposed site will affect the viewshed.

- b. **Local Activity Affecting WyoLink Performance:** **Low Risk.** October 26, 2015.

Status: Bob and Marty have discussions as necessary with local agencies to see what can be done to reduce the impact to WyoLink from their local operations. The WyoLink Office tracks usage on the system (including busies) to keep aware of possible issues on WyoLink both now and in the future.

Actions: There are no updates at this time.

- 6. **Coverage:** October 26, 2015.

Status: WyoLink continues to perform BER based coverage testing of newly activated sites as well of areas that have not been completely tested.

Actions: Marty followed up on reports of coverage issues.

- a. Glendo EMTs reported poor WyoLink coverage in the Glendo area. A visit by WyoLink revealed that antenna issues and radios needing tuned were major contributing factors to this difficulty. Absolute Solutions was present and indicated they would be tuning radios in Platte County.
- b. American Medical Response in Cheyenne reported coverage issues north of Durham Estates and near the Carpenter School through a third party. Further information from American Medical Response indicates their radios are working properly and they have no issues.
- c. Marty, Larry Sheridan and Bob Symons met with WHP on Friday, October 23rd to discuss their concerns with WyoLink coverage at several areas around the state. As a result of this meeting, Larry and Marty will be examining each area of coverage to determine what might be causing the difficulty.

- 7. **Busies:** October 26, 2015:

Status: The WyoLink Office tracks usage on the system (including busies) to keep aware of

possible issues on WyoLink both now and in the future.

Actions: During the fire in the Casper area over the weekend of October 10th, there were over 1,300 busies. Research reveals these busies were on the Casper Mountain VHF site. At one time, there were 70 talkgroups active which was a major contributor to the high busy rate. There were 30 talkgroups receiving busy indications. A radio tech from ComTech was on site at the Casper Dispatch Center and recommended that the number of talkgroups in use be consolidated. By Sunday evening, the busy rate had fallen dramatically. Marty, Bob Symons and Motorola are working to explore solutions that would curtail extremely high busy rates like this in the future.

8. **Dragging Traffic:** October 26, 2015:

Status: The WyoLink Support Office is not aggressively tracking instances of dragging traffic unless it results in busy indications, but does research occurrences when time permits and they are noticed. WyoLink users are encouraged to move off their normal dispatch talkgroup when traveling outside their home area to avoid dragging their dispatch traffic to a remote portion of the state unnecessarily. This can cause unnecessary loading on towers removed from their local area and create busy indications both in these remote areas and in their home area.

Actions: There have been no notable occurrences of dragging traffic over the last month.

9. **Codeplug Schedule:** November 2, 2015:

Status: The WyoLink Office has completed 2406 codeplugs to date in 2015, with an average wait time of one week.

Actions: The WyoLink Support Office completed 300 codeplugs during October. The WyoLink Office currently has about 193 codeplugs on our schedule. Newly submitted codeplug requests should be completed in about 2 weeks.

10. **WyoLink Usage:** November 2, 2015:

Status: Currently there are about 16,000 radios able to use WyoLink. There are 264 agencies approved to use WyoLink with 112 State and Federal agencies and agencies in 19 Counties having moved their operations to WyoLink. Recent research has revealed that Motorola has a beginning point for considering a site as busy enough to warrant expansion. This beginning point is 0.1% of all Push To Talks (PTTs) receiving a busy indication. This is not a hard and fast standard and is subject to modification by the system owner, but it is a good starting point.

Actions: WyoLink usage through the end of October, 2015 was 16,762,809 calls. Busy indications systems wide during 2015 have been 0.068% by PTT count. Busy indications in Zone 2 during October were 0.212% by count, due to the extremely heavy traffic associated with the fire in the Evansville, WY area. To date in 2015 WyoLink has been available over 99.99% of the time.

11. **PSCC Meeting:** October 26, 2015:

Status: If you know of anyone who would like to receive notices for PSCC meetings, please contact Bob Symons (307-777-5065 or bob.symons@wyo.gov) or Marty McCoy (307-777-4756 or martin.mccoy@wyo.gov) and we will add you to the distribution list for these notices.

Actions: The next PSCC meeting will be in December, 2015. When more details are available after the October 27th meeting of the Joint Appropriations Committee, they will be mentioned here.

12. WyoLink User Training: October 26, 2015:

Status: Bob Symons will be updating the training program. When details are available, they will be posted here. If anyone would like training, please contact Bob Symons.

Actions: Now that Sublette County has moved their operations to WyoLink, they would be a very good candidate for additional training. Bob will reach out to Sublette County.

13. WyoLink pricing and approval. Last year's Motorola pricing will be valid this year, with no increases. Jose will send these prices to Bob, with a copy to Marty.

14. Next Meeting: The next WyoLink Status meeting will be Monday, November 23, 2015 at 10:00 at WYDOT, 5300 Bishop Blvd, Cheyenne, Planning Building, Geology Conference Room, first floor (south end). There will be a Conference Phone available for anyone wishing to call in and participate. The number is: 877-278-2734 PIN: 674402

WyoLink Site Map September 4, 2015

Yellowstone National Park - Federal Option

Legend:

- PCE Sites In Service
- 800 MHz Locally Owned Sites In Service
- Core Sites In Service