



Status Meeting Minutes

Wyolink Contact Number: 307-777-WLNK (9565)

Date: September 28, 2015

Time: 10:00 A.M. To 10:38 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
Bob Symons, PSCC
Dave Riegert, Motorola
Derrick Migneault, BLM
Jose Crespo, Motorola
Ken Schultz, WYDOT
Marty McKinney, Wireless Advanced Comm
Paul Card, WY State Health by phone

Paul Newman, Motorola by phone
Rick Clark, USFS Liaison
Robin Etienne, Sweetwater Co by phone
Steve Langworthy, Motorola by phone
Tony Young, Governor's Office
Troy Berg, Wyolink
Troy McLees, Capt, WHP

1. Core Site Status

a. **Monument Ridge (BTNF):** September 28, 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: Troy and Marty have located an alternate location for a Wyolink site at Monument Ridge. They are working on a revised proposal. Troy spoke with Rick Clark and passed on topo map with proposed Wyolink site at Monument Ridge annotated.

b. **Salt Pass (BTNF):** September 28, 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: Larson Tower Specialists started decommissioning work Wednesday, September 2nd. Marty notified the Forest Service. Once this work is complete, the Forest Service will be asked if they would like to attend the final inspection. Work has been accomplished except for the construction of the gate.

2. **Local Site Status:**

a. **Glenrock:** September 28, 2015:

Status: In Progress. New Update below.

Actions: Steve Langworthy stated that Tall Grass occupants have moved out and the crews have started work on installing the radio equipment. Licensing has been completed.

b. **Archer Interchange:** September 28, 2015:

Status: In Progress. New Update below.

Actions: Steve Langworthy stated that RF equipment has been installed but awaiting microwave equipment to ship. No status on licenses from FCC.

3. **Console Connectivity:** September 28, 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.

Actions: 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.

4. **Adjacent State Connectivity:** October 1, 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: Bob Symons stated CSSI has not been ordered and that funds are available. Marty has a quote from Motorola and it is at the Attorney General's Office for approval as to form. Evanston may share costs for an interstate location. South Dakota has signed their Memorandum of Understanding.

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.** September 28, 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: Troy and Marty have located an alternate location for a WyoLink site at Monument Ridge. They are working on a revised proposal. Troy spoke with Rick Clark and passed on topo map with proposed WyoLink site at Monument Ridge annotated.
- b. **Local Activity Affecting WyoLink Performance: Low Risk.** September 28, 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:** September 28, 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: BER based coverage testing of White Pine was completed the week of September 7th. Testing of Black Mountain and Signal Mountain was performed the week of September 21st. Coverage testing of the Monument Ridge was also completed and the coverage map is being evaluated.
7. **Busies:** September 28, 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: There have been no instances of excessive busy indications since the last meeting.
8. **Dragging Traffic:** September 28, 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:** October 1, 2015:

Status: The WyoLink Office has completed 2131 codeplugs to date in 2015, with an average wait time of one week.

Actions: The WyoLink Support Office completed 257 codeplugs to during September. The WyoLink Office currently has about 20 codeplugs on our schedule. Newly submitted codeplug requests should be completed in less than a week.

10. **WyoLink Usage:** October 1, 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.

Actions: WyoLink usage through the end of September, 2015 was 15,216,818 calls. 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. Busy indications systems wide during 2015 have been 0.013% of total call time or 0.059% by PTT count. To date in 2015 WyoLink has been available over 99.99% of the time.

11. **PSCC Meeting:** September 28, 2015:

Status: The next PSCC meeting will be in December, 2015. When more details are available, they will be mentioned here. 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 2 meeting of the Joint Appropriations Committee, they will be mentioned here.

12. **WyoLink User Training:** September 28, 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: There are no updates at this time.

13. **Next Meeting:** The next WyoLink Status meeting will be Monday, October 26, 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

Core Sites In Service

800 MHz Locally Owned Sites In Service

PCE Sites In Service