



Status Meeting Minutes

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

Date: May 26, 2015 **Time:** 10:00 A.M. To 10:42 A.M.

Location: WYDOT, 5300 Bishop Blvd, Cheyenne, Planning Building, Geology Conference Room, first floor (south end)
Conference Phone: 877-278-2734 PIN: 085726

Attendees

Bob Symons, PSCC	Rick Clark, USFS / WYDOT liaison
Dave Riegert, Motorola	Steve Langworthy, Motorola by phone
Jenifer Shassetz, Sheridan PD by phone	Troy Berg, WyoLink
Marty McCoy, WyoLink	Wes Chisnall, Wireless Advanced Communications

1. Core Site Status

- a. **Black Mountain (BTNF):** May 26, 2015:
Status: WYDOT Telecommunications has moved existing frequencies to this site and Teton Communications has ordered the combiner. Given the approximate 6 week lead time on the combiner, this site may not be active until early summer of 2015.
Actions: The application for Black Mountain frequencies was granted Thursday, May 21st. Teton Communications has already been asked to order the combiner. Marty will keep Steve Langworthy informed regarding any projected shipping date.
- b. **Monument Ridge (BTNF):** May 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. The proposal has been updated to reflect this and re-submitted to Rob Hoelscher, who will discuss it further with Marty. 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.
Actions: 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. Troy was scheduled to perform coverage verification

testing the week of May 26th, but has delayed this trip due to wet conditions and our desire not to tear up the road. Next week may work for testing. Rick Clark spoke with Rob Hoelschler who should be sending a letter with comments on our proposal in the next week or two. One possible suggestion would be to repair and use the lookout already present at the site.

c. **Salt Pass (BTNF):** May 26, 2015:

Status: **This site is operational.** The decommissioning of the old site may be complete in 2015. The bids we received for this work ranged from \$26K to \$115K, and the vendors had many questions. As a result, all bids were rejected. Marty is consulting Forest Service for better parameters and will reopen for bidding.

Actions: Marty has received pictures of various aspects of the site. Rick will ask for a re-send of the written requirements.

d. **Signal Mountain (GTNP):** May 26, 2015:

Status: Marty is working on rates for leasing connectivity from Signal Mountain to the WyoLink system. There is adequate funding to construct Signal Mountain in the FY 2015 budget at this time. The lease with Union Wireless and the right of way permit from the National Park Service are complete. Given scheduling and other issues, this site may not be complete until early summer 2015.

Actions: The road to the Signal Mountain site is open and fully passable. Marty is working with Motorola and Union Wireless to have equipment installation begin June 1st. Site optimization and startup may follow shortly after the antenna work is completed. Marty will verify the progress of a T1 connection using Union Wireless's equipment to Rendezvous Peak, a site we share with Union.

2. **Portable Coverage Enhancement Site Status**

a. **Pinedale:** May 26, 2015:

Status: All equipment for this site including the combiner is on hand. The tower has been constructed and Sublette County has essentially completed construction of their building. The equipment has been installed in the building. The generator is to be delivered in late May to the Pinedale WYDOT yard. Rick Clark states that there are no wildlife constraints at this site and progress should commence once site is accessible. Given weather related site access issues, this site may not be active until early summer 2015.

Actions: The road to White Pine is still very muddy. Once this road dries out and access is once again possible, work at this site will resume. Marty will have WYDOT Telecommunications District 3 technicians monitor the road condition on a regular basis. Wire trays and ice bridge material are on site. When the site becomes accessible, work will resume and the site may be on the air 3 or 4 weeks after work resumes.

3. **Local Site Status:**

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

Status: Converse County has signed their contract with Motorola for this site. The microwave path surveys have been completed and the license applications have been submitted for both microwave and 800 MHz. As soon as the license is granted,

Jose Crespo (Motorola) will let WyoLink know. The current tenant will be moving out of the site prior to installation.

Actions: An equipment list is still in the works. Work may start 6 weeks from now, with possible site activation in Early July. The 800 MHz FCC license has been approved. The microwave license application is undergoing coordination and will be tendered immediately upon completion of the microwave path analysis.

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

Status: Motorola and Laramie County are working on microwave costs and engineering the link.

Actions: Work continues to progress, with the critical task now being approval of the Motorola change order for the microwave hop. The 800 MHz license application was filed the week of May 11th. The microwave license application will be filed after the change order for that work is approved.

4. **Low Speed Data:** May 26, 2015:

Status: The Cheyenne Radio Shop reports that the WYDOT Maintenance application that will aid in quick reporting of road conditions is operational in District 1. WYDOT Maintenance and the Cheyenne Radio Shop report that low speed data over WyoLink is working very well for this application.

Actions: Marty is working with the Cheyenne Radio Shop and the TMC to schedule a stress test of the tablets using Data over WyoLink. WYDOT District 2 will also be experimenting with using Data over WyoLink to control Dynamic Message Signs. The WyoLink Support Office will monitor data usage in District 2 closely during this program.

5. **Console Connectivity:** May 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.

Actions: 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 WyoLink Support Office will coordinate with affected agencies well in advance of any conversion work to avoid any unplanned outages.

6. **Adjacent State Connectivity:** May 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. If 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. WyoLink's CSSI budget request has been approved. Once we determine how and when the funds will be available, Marty will begin the necessary work to have this installed.

Actions: Planning has begun for the 75th Sturgis gathering, and about 750,000 participants are expected. There may be some additional programming for Wyoming and South Dakota radios as a result of this. Bob working with South Dakota on a cross-state programming agreement to aid interconnectivity during Sturgis. South Dakota has submitted a WyoLink

application. The plan is to have some agencies in SD have new radios giving them the ability to use WyoLink. WOHS will be utilizing their portable tower to provide coverage on VTAC11 and to connect this conventional channel to MAT1C. There will be planning meetings to develop a communication plan. Most communication will utilize conventional frequencies to overcome areas with poor WyoLink coverage.

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

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

Status: Marty has submitted an updated proposal for Monument Ridge to the Forest Service. Funding to construct Monument Ridge will likely be sought through the FY2016 WYDOT budget process.

Actions: 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. Troy was scheduled to perform coverage verification testing the week of May 26th, but has delayed this trip due to wet conditions and our desire not to tear up the road. Next week may work for testing. Rick Clark spoke with Rob Hoelschler who should be sending a letter with comments on our proposal in the next week or two. One possible suggestion would be to repair and use the lookout already present at the site.

b. **Local Activity Affecting WyoLink Performance: Low Risk.** May 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.

8. **Coverage:** May 26, 2015.

Status: There are areas on the WyoLink Coverage Map that have not been tested as well as areas that do not have all towers providing coverage tested. WyoLink will continue to test and post results as completed.

Actions: Testing was performed in Uinta County the week of May 4th. Coverage testing was to be performed the week of May 26th in northern Sublette, southern Lincoln and northern Uinta Counties. Due to weather, rain and muddy road concerns, this testing will be rescheduled. These testing results will be uploaded to the map in the near future.

9. **Busies:** May 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: There have been no instances of excessive busy indications since the last meeting.

10. **Dragging Traffic:** May 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.

11. Codeplug Schedule: May 26, 2015:

Status: The WyoLink Office has completed 858 codeplugs to date in 2015, with an average wait time of one week.

Actions: The WyoLink Support Office completed 104 codeplugs in May. There are 2 codeplugs on the schedule to be completed and the predicted wait for codeplugs that are newly submitted is about 1 day.

12. WyoLink Usage: May 26, 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 April, 2015 was 7 million calls, with a busy rate (by time) of 0.012%. To date in 2015 WyoLink has been available over 99.99% of the time.

13. PSCC Meeting: May 26, 2015:

Status: The next PSCC meeting will be In Jackson on June 10th. 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 agenda for the PSCC meeting will be complete by May 29th. There will be more discussions on the PSCC recommendations to the Transportation & Military Affairs and the Joint Appropriations Committees. These recommendations will likely happen in August or September. Work on these documents continues. There was a glitch with transferring the listserv list to Google. If you're not receiving notices, please send your contact information to Marty (martin.mccoy@wyo.gov) or to Bob (bob.symons@wyo.gov) so we can ensure you're on the distribution list.

14. WyoLink User Training: May , 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: A reminder – to obtain help with WyoLink related issues and questions, please call the WyoLink On Call Technician at 307-777-4885. Unless your issue constitutes an emergency, please make your calls during normal business hours.

15. Next Meeting: Monday, June 29, 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 085726

