



May 2017 Board Member Reports NORTHERN COLORADO AMATEUR RADIO CLUB

Board member reports are distributed at the general membership meeting and posted on the club website under the Newsletter tab. Not all content will be discussed during the meeting. If there are questions or comments, please raise them with board members or when invited during the general meeting. Not all board members will have a report each month.

President (Darren Kalmbach KC0ZIE)

Radio support for events - Thanks to everyone who helped out with the QuadRock race on the 13th. These are fun days to practice our skills and help out the community along with meeting some fantastic friendly people. Here's a list of the events planned and the person organizing it. Please take a look and volunteer if you can. Even if you've never worked an event, not sure how to, short on equipment or anything else, we can help you out and provide equipment. We can find a place for anyone to make a contribution.

- MS150 – June 24-25 - James/KI0KN
- 40-in-the-Fort – July 23 - Joe/KD0TYU
- Never Summer 100k – July 22-23 - Bryan/N0BCB
- Horsetooth Ache – Oct 8 - James/KI0KN
- Blue Sky Marathon – Oct 21 - Darren/KC0ZIE

Membership cards - hope everyone has a chance to print their membership cards. If anyone has problems or questions, let me know.

Field Day - Block out your calendars for June 24-25. This year NCARC and WARS are teaming up to do a combined field day. We have a huge 30 acre site near Nunn. Our June presentation will be all about field day. Look for additional details coming in email.

Work Parties - Big thanks to all those who come out to the NCARC work parties when we do maintenance and enhancements to our repeaters. Every trip up the mountain makes our system better and better.

Vice President (Gerry Mitchell)

No Report

Treasurer (Joe Hawley KD0TYU)

April Finance Report:

- Current cash balance: \$9,931
- Expenses: Horsetooth upgrades, Equipment replacements
- Revenue: Membership
- Total Membership: 142, 20 renewals, 1 new member

A copy of the full treasurer report is posted on the club website in the member's only area.



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Secretary (Tim Cottam W0TJC)

Both board and general meeting agendas and minutes are posted on the club website in the member's only area.

Station Trustee (Jeff Ford K0JEF)

Our license is current.

Public Affairs Officer (Kevin Utter N7GES)

No Report

Technical Committee Chair (James Cizek KI0KN)

Horsetooth-

A new Remote controlled RigRunner was voted on and approved last meeting. This will expand the number of ports available for control at Horsetooth. This will be installed next trip up. I have come up with a solution to solve the "dead spot" we have on the 447.275 repeater directly south of it. I am waiting on permission from Crown Castle (our site manager) for the changes. We have everything we need so there will be no additional expense for this. It will also place us in a spot that will allow antenna sharing up there if/when we add more repeaters, thus reducing the overall cost of expanding. The TNC we brought up there last time to re-enable the digipeater/iGate died shortly after it was delivered to the site. It was VERY old and probably just died after heating up. We have a brand new TNC on its way and it will be placed there next trip up as well. The 224.520 repeater is still being reported as having occasional problems. I will test and evaluate needed changes there on next visit to see if we can make it more reliable. Recently, due to storms in the area, we've lost power multiple times at the site. Everything stayed working on battery backup as expected and signal reports were noticeably lower during the time power was out (power amplifiers are not battery backed due to high current requirements).

Buckhorn-

-2 meter power amplifier that was donated to the club will be placed on the 146.625 repeater soon. Between its sensitive receiver and the voters, it's coverage is really good. It's only putting out about 7 watts at the antenna today so the amplifier will help bolster its transmit coverage prior to storm season.
-Everything else at site is working great

UNC-

- Working great, nothing planned at this time.



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Budweiser Event Center-

-WIRES-X services have been fully enabled (finally). I believe everything is working. If you have WIRES-X capabilities, please do test and report back how it's working for you!

ALL Sites:

-I have compiled a new firmware for our RTCM repeater controllers. It's been installed on ALL repeaters and voter receiver controllers. It has solved the terrible squelch crash problem we had on weak signals and "kerchunkers". I've also made some changes to hopefully resolve the "garbled" audio we occasionally got that was often fixed by letting the repeater transmitter drop and reset. Please let me know if you hear it any more.

Interference report:

-There have been a few reports of interference on the 447.275 repeater, similar in nature to last time. We believe it's likely the same person and we are now ready to hit the field immediately to do some direction finding. A reminder: PLEASE DON'T engage, or even acknowledge this persons' existence. Report the interference to me and go on as if no one was bothering you. A report was made about malicious interference on a local 2Meter simplex frequency being used for an informal net. Although not necessarily within the clubs' area of responsibility, we are investigating this on an as-time allows basis to see if we can track it down and get it reported to the proper authorities.

Member at Large (Greg Ella AD0JP)

No report this month