

A meeting of Twin State Radio Club was held at Mickey's Cafe on Saturday, January 12. The meeting opened at 9:14

A quorum of at least 20% was present with 13/35 voting members present. Officers present: Vice President, Treasurer, Secretary

President's Report: Dan MacMartin, AD1HD

- He's skiing and watching the kids.
- CVFMA swap meet Feb 2nd

VP Report : David McGaw, N1HAC

- Remainder of the test kit and a couple of votes on the agenda today.
- Need a couple of storage batteries for the repeater
- Winter field day is coming
- VP report: quick synopsis today of travels, but a more complete run-down expected next month.
- Need talks - Working on Bruce N1RX. Soliciting ideas.

Treasurer Report: Dave Colter WA1ZCN

- Checking: \$2037.80.
- Deposit of \$695 pending
- Savings \$21,679.54.
- Balance remaining on new trailer is \$7,325.
- Balance will be \$14,354.
- CD: \$15,000 - 1 year
- CD issues - resolved. The issue was a red herring.

Secretary Report: Nicole DeShone KE8DHM

- Working with President on November minutes
- Motion made to accept December minutes - N1HAC made the motion, WA1ZCN seconded. Motion passes.
- Introductions

Trailer report: Allen Bradford AE1H, WA1ZCN filling in. AE1H - Stuck in a cold, drafty building in Salt Lake City, UT

- We are still waiting on delivery on the new trailer.
- We expect delivery late winter or early spring.
- All committees are open to everybody who wants to join. - reminder.
- Shelving from unistrut. U-channel with the edges curled over, can put it anywhere we want so we can put brackets anywhere. Reasonably priced.
- Current suggestion is metal fatigue vs wood.
- Antennas need to be on something soft.
- Power cable - go from 16 gauge to 12 gauge.

- CO2 fire extinguisher vs dry powder extinguisher.
- Workbench and stool combo - American Van sells kits. (potential)
- 2 8577s over the axles.
- 100 amp hour battery for additional power in there.

Repeater committee: David McGaw, Dave Colter

- Software bug in the repeater, the 220 Allstar Echolink identification is getting set off by our main repeater. Our main identifies, and it sets off the Echolink to identify two minutes later. They then set each other off ad nauseum. Echolink turned off temporarily waiting for a patch.
- CVFMA talking about setting up a DMR global link on Ascutney to link in. Potential for us to link in, too.
- Looking for an RF link capability if we go that route, in place of an internet link.
- We would like to link our repeater to the repeater in Springfield, VT. We could use a 220 path.
- Joe's repeater - still in limp mode. The final amplifier fried, so it is running 20 watts.
- Nice preamp, but the conductor had corroded.
- We would like to change the link from 440 to 220.
- We have some extra cans we can use for 220 links.
- We are down 1 battery because it wasn't charged properly.
- We have 1 now, but would like to put in a new matched pair.
- Back-up for our main repeater.
- A new pet project - Repeater has the same PA, 20W feeding 100W. Put a new relay in so it goes to low power in case it goes to battery.

Old Business

Proudy:

- APRS display failed.
- We will need a new one - 50-60" screen preferred, and a good mount that can go from horizontal to vertical.

CVFMA Swap meet:

- We will be there.
- We have two tables, and have plenty of selling space. A true morning event.
- QCWA - quarter century wireless association meeting will be down the street.

Board recommendations for purchase:

- LBS bandpass filters, 100ah AGM batteries - Moose Mt. RF test kit - Bird with 43 w/slugs (donated), MFJ analyzer (donated), load, VOM
- Will likely be purchasing additional slugs
- Motion not to exceed \$400 to buy a set of band pass filters - N1HAC made the motion, KE1LF seconded. Motion passes.

- Motion made to spend up to \$500 to purchase 100ah batteries for Moose Mt. WA1ZCN made the motion, AB1SK seconded. Motion passes.
- Authorise \$150 to purchase a Kenwood commercial radio from KB1FDA, WA1ZCN made the motion, N1HAC seconded. Motion passes.

RF Test kit:

- Recommended purchase
 - Fluke, fluke hard case
 - Radio wave 2-30 M tape measure
 - Adapter kit to build at Nearfest
 - UHF Jumper cables - RG59 or RG8X jumpers, 3'
 - SKB 3i-2015-7DB case w/dividers
- Motion made to authorize purchase of up to \$500 to flesh out RF test kit. N1HAC made the motion, AB1SK seconded. Motion passes
- Potential recommendation - good oscilloscope.
- TDR

Up coming dates:

- Next meeting - Saturday February 9th
- CVFMA Saturday February 2nd

Winter field day: 1/26/2019

- We are finally crazy enough to try this.
- Going to be at world headquarters.
- We'll pull out the trailer and set up down there. We WILL have heat.
- We could set up the tent, weather dependant.
- We are experimenting with heat and how to set up operating stations in the winter.
- Please come!
- Dress for the weather - get winter gear ready!

N1HAC gave an update on his Norwegian rocket adventure

No New business

Meeting adjourned at 10:37