

A meeting of Twin State Radio Club was held at Mickey's Cafe on Saturday, December 8. The meeting opened at 9:07

A quorum of at least 20% was present with \_/35 voting members present and \_/18 associate members present.

Officers present: President, Treasurer, Secretary, Trustee

President's Report: Dan MacMartin, AD1HD

- Introductions
- Not much to report minus winter field day
- Talk about test kits - big, good news there
- We need to delegate education committee
- Portable -I Gates

VP Report : David McGaw, N1HAC (Absent)

- Rocket went well
- Looking for meeting suggestions
- Surface-mount soldering
- Potential rocket talk

Treasurer Report: Dave Colter WA1ZCN

- Big problems with the CD
- Checking: \$2525.80
- Savings \$21,686.74
- CD: \$18,000 - 1 year
- CD woes: Email from them - the CD is different from the bill of goods we were sold. We were told it was going to be a fixed rate, and we got a variable rate instead. We're at the mercy of the market. WE WILL NOT LOSE PRINCIPAL.

Secretary Report: Nicole DeShone KE8DHM

- Working with President on November minutes
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Trailer report: Allen Bradford AE1H

- It's still there!
- The new one has been ordered. We're going to lay it out at WHQ after the meeting.

Repeater committee: David McGaw, Dave Colter

- Still talking about a second VHF repeater at Bill Burden's house. Solar powered repeater possible. Cost is the same, but the labor effort would be significantly less.

- Options - need to discuss mounting of the panels
- Need a shed on top of the mountain
- Rubber-made sheds would not hold the weight of the snow.
- 8X8 shed - \$800-\$1000 range.
- Wood shed is another option. 6X7 range in Dave Coulter's backyard. Could haul it up there. Cost would be the cheaper shed he'd replace it with. Engineering needed to get it up there.
- Solar panels would be vertical - no cleaning off snow
- Would get a repeater we already have and hold the frequency
- Repeater would not be linked originally.
- Steve plotted the site out to see coverage at 90 miles

## **Old Business**

### **Inventory:**

- Postponed until April/May

### **Education committee:**

- CVFMA has a full course to teach successfully - We'd like to work with them on the course so we can learn how to run it.
- Looking for a volunteer to run this.
- More logistical than teaching.
- Lebanon and West Lebanon fire departments are also available.
- Dartmouth College could be a good place to hold something like that

### **Winter Field Day:**

- We voluntold Allen that we're going to try winter field day at WHQ.
- Good excuse to test equipment.
- Experimental day - we're experimenting with the idea of holding it.
- Everything is there and we don't need to travel.
- Bringing heaters.
- It's the 26th and 27th of January. Week before the Superbowl (thank you AE1H).
- Will talk logistics at the Jan. 2019 meeting
- Show up and don't freeze your digits off.

### **Test Kit idea:**

- First idea was a bird watt meter and a bunch of slugs

New, better idea is this:

- Bill is going to give us a bird watt meter with three slugs - UHF, VHF, HF
- All we need to do is purchase a case, a dummy load, misc. Slugs, and cables.

- Would be handy to have all test equipment and batteries in one case. Look at including a multimeter. (Ed)
- Goal for the test kit is to have something available to club members, for field day, to work on the repeater, etc.
- Potential vote next month with a couple of options for the club.
- Cheap volt meter in the trailer now. Something to check every 6 months.

### **Portable I-Gates**

- For APRS, we have mountain top digipeaters that relay info to an I-Gate
- I-Gate puts it on the internet, and then we can review the info off a website
- We're developing an I-Gate. Using the Raspberry Pii 3+.
- Steve developed a new software image already.
- They're one way, receive only.
- Should fit in an ammo can, with battery.
- Will give us better, more efficient data.

Meeting adjourned at 9:49