

A meeting of Twin State Radio Club was held at Mickey's Cafe on Saturday July 7. The meeting opened at 9:18.

A quorum of at least 20% was present with 20 members present.

Officers present: VP, Treasurer, License Trustee, President

President's Report: Dan AD1HD

- No Report

VP Report : David McGaw, N1HAC

- Program today will be on the results from the total eclipse QSO party.
- Studies were done during the August eclipse on the effects of the shadow crossing the US.
- Always looking for presentation ideas - please feel free to make a fool out of yourself and give a talk.
- Introductions!

Treasurer Report: Dave Colter WA1ZCN

- Carey made a 10K donation to the club.
- Savings is over 23K now
- Working the kinks out of the accounting software
- Dave has not been reimbursed for recent purchases
- The club very much appreciates his contributions - As stated by N1HAC and W1KRT
- We now have bank privileges on the phone. Treasurer can now check balances whenever.
- Going into July, Checking was at \$2238.61, Savings is \$ 13,090.38, and the CD \$13,000

Secretary Report: Nicole DeShone KE8DHM

- Minutes up for vote - N1HAC made motion, WA1ZCN seconded. Motion passed

License Trustee: Allen Bradford AE1H

Trailer report: Allen Bradford

- We brought the trailer up to Field day
- We fixed the outrigger
- Work seems to be getting in the way

Repeater committee: David McGaw, Dave Colter

- We are still working on the controller replacement.

- They did some service to 440 repeater last time they went up. New Pre-amp on it and it increased sensitivity.
- Some unknown burbles coming from the repeater still - sounds like air blowing through a submerged copper tube
- Potential grounding wire issues on the new tower guys - likely possibility. We will need to test for it.
- Echolink - needs an adaptor so we can put another radio in. N1HAC to take care of it, Steve can set the volume levels remotely through use of a raspberry pii.
- Work needed on the cable distribution box.
- Everything is working with Joe's repeater for Prouty.
- Steve wants to get up to the mountain on Wednesday to set up Moose Mountain for Prouty. He'll put a raspberry pii and a digi up there.
- WA1ZCN needs to check with the engineers to see if we can put up a permanent antenna.
- Discussion to switch CVFMA over on Thursday instead right after set-up instead of Wednesday.

## **Old Business**

### **Field Day - Thoughts?**

- It should rain less next year. WA1ZCN made the motion, plenty of other grumbles from the cub seconded it.
- Fantastic Field Day - the fox hunt was a huge hit this year. The pizza box was amazing - cudus AD1HD Jr!
- We should do satellite next year - we came close to making a contact, but not quite.
- There was a slight problem with equipment - incompatibilities between the radios. The radios did not play nice. The 7200 was frustrating.
- Intermod between stations was a problem.
- Running on no sleep - we missed pushing the attenuator button on the 7300s when we pulled them out.
- We would like to get some band filters to help next year
- We examined the stub filters we have. They have narrow notches - 3k. We put an antenna analyzer on them to check.
- Other potential issues - have the radios more than 3' apart.
- Issues with wrapping the feed lines around each other.
- We'll dummy load the radios and play with various configurations.
- Issues getting the generator started. Issues with the pull cable.
- No stations on the air between 3:30-9:00 - they ran out of gas for the generator.
- Get a better feel for who wants to operate when.
- We should get some car chargers for the laptops so we can run them off 12 volts.

### **Prouty**

- We filled all the slots!
- Need to sort out equipment issues

- We have a lot more new people
- Slowly weeding out Chippers units
- Net control is short one experienced operator, should be alright - we found a replacement.
- They are going to get some assistance from the National Weather Service in Burlington this year.
- New protocol for emergency shelters
- Simplified routes, updated maps
- There is the potential for a voice of god system on the field

#### Inventory:

- Inventory needed
- Testing equipment needed
- Portablizing antennas - work party needed

#### **Education Committee:** Dan

- Waiting for the question pool to change, we will run a class in the fall.

#### **New Business:**

##### **Letter of agreement:**

- A letter of agreement between Twin State Radio Club and Plasma Technologies thanking them for the donation of space- a grievance in writing?
- We are thanking them for the donation of space to store club gear.
- Motion to accept it Ray - WA1ORT, Clyde KA1BSZ seconded. Motion passes

##### **Letter of thanks for Carey for the donation of 10K**

- Money to be used potentially for additional repeater
- Frequency - 147.345, coordinator in VT would be hard to work with.
- We would link it to Moose Mt via 220.
- We would need to run power up to the site - Bill Burden's house - 100' tower on top of a 2000' mountain
- Clyde asked if the new repeater would have a BSZ filter on it. Dave WA1ZCN answered in the affirmative.

Meeting adjourned at 10:24

David, N1HAC to give a short presentation on the results of the great QSO party