

A meeting of Twin State Radio Club was held at Mickey's Cafe on Saturday, September 14. The meeting opened at 9:08 AM. A quorum of at least 20% was present with 19/35 voting members present.

Officers present: President, Vice President, Treasurer, Secretary, Trustee

President's Report: Dan MacMartin, AD1HD

- Introductions
- Need to watch for squirrels today, as we are likely to go off track
- Work needed on repeaters, plenty going on

VP Report: David McGaw, N1HAC

- Today's presentation: NADA
- Next presentation October.
- Plenty of ideas - off fed center dipoles, communications on the Apollo Communications
- October presentation - Running our first class, game plan, VE Team formation, and opportunities to help, courtesy of Ray WA1ORT

Treasurer Report: Dave Colter WA1ZCN

As of August 15 (New one comes out in a couple days):

- Checking: \$1647.32
- Savings: \$35,870.04
- CD: \$15,000 - Maturity 12/30/2019, gain \$412.50
- Motion accept made by AD1HD, Seconded by Ray WA1ORT. Motion Passes.

Activity this month/ etc.

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Motion to accept by Dan AD1HD, Seconded by David N1HAC. Motion passes.

Secretary Report: Nicole DeShone AC1HQ

- It's my 28th Birthday today!
- I just submitted the test to become a VE.
- Need to vote on June, July, August minutes
- Motion made to accept all three. Ray WA1ORT, seconded by AB1XO. Motion passes.

Trailer report: Allen Bradford AE1H, Ed AB1XQ, Dave WA1ZCN

- Large amount of new trailer work. Got carpeting up on the left wall, vertical antenna racks are on, wiring is more or less complete. Need to build wiring cables for batteries. Put antennas on the roof. Note that new trailer roof is flimsy.

- Ongoing - cut the counter top. Trailer looks really nice.

Repeater committee: David McGaw N1HAC, Dave Colter WA1ZCN

- Questions about the 440 (Moose). Swapped in a new duplexer, checked the club's, and put it back.
- Found a bogey carrier on 220 that was preventing Strafford from getting in. Still weather related cracklies.
- Strafford is up for testing at Bill's house. 3 minute time out was not enabled on the link radio at World Headquarters.
- Strafford is giving great coverage running 20 watts at its current location. Need to fix the ID on Strafford.
- Strafford on 147.345. Tone is 100 Hz.

Education committee: Ray WA1ORT

- Ready to get a VE team together, looking for volunteers.
- Getting ready for Tech classes, and will run classes (3 2-hour sessions), will start with a pre-test to see where people are.
- Looking for helpers.
- Shooting for end of October/Start of November
- Rob N1XSS is planning a winter license class
- VE party - TBD

Bylaws Committee: Dave Colter WA1ZCN

- Board came up with a new draft. We will post it on the website with proposed changes and the problems we will solve.
- Bylaw changes will be gone through in October and voted on in November

Old and ongoing business:

Events in the works:

- Inventory, VE study party, Islands on the air, Fall class, Nearfest

Other Activities:

- Balon purchases for dipoles.
- White board needs to be replaced in the trailer. Request made for it to be magnetic. Found on Amazon for \$60.

Repeater:

- Needed a new duplexer for the club. Getting ready to transfer the portable duplexer for the club.

- Needs a case though. Found a case build for a double bow that will work on ours. The duplexer is 2M. ~\$400.
- Need a rack case for the portable repeater. Yeasu repeater, controller, and link for the radio.
- Motion for the beams, ballons, duplexer, case for duplexer, case for portable repeater, and white board. \$1,375 WA1ORT made the motion, Gordon AB1SK seconded. Motion passes.

Strafford repeater project - Estimated at \$10,000.

- Bill WB1BRE is working with the family to ensure everything is protected going forwards.
- Two options for power - solar, grid power
- Plan is to run a powerline up the mountain. 850' up the hill. Running 480 volts up the hill. Plan is to use aluminum conduit, and #4, and we save money with #4.
- Twist lock hook up. 40 amp circuit, with two 5k XFMRs on either end. At the end we'll have 2 -20 amp circuits.
- Thoughts would be to move the Sheriff's department repeater from Bill's garage to the top of the hill.
- Discussing proper grounding on the hill. Grounding rods will be quite difficult up there due to bedrock. WA1ORT mentioned he can look into it.
- For the shack, we'll use Dave WA1ZCN's shed. We'll need to build and brace a platform, then we can take the shed up on AE1H's trailer, and then bolt the shed down onto the platform.
- Current plan to run Strafford at 60W. We lose 2 ½ DB from the duplexer. The repeater can handle up to 120W, so we can melt the snow if needed.
- We'll need to side mount, and we'll look at putting it on the East side of the tower.
- Need to inspect the rock anchors. WA1ORT and WA1ZCN to go up and perform the inspection.
- Need to vote for money for Strafford for costs not to exceed more than \$10,000. Motion made by Ray WA1ORT, seconded by KB1MOV. Motion passes.
- Need to run a power meter, and need to work with Bob (Bill's neighbor, guy on the tower) on the run.
- Notes made that Moose is not a secure site

Vermont 50, September 29th - Rob, N1XSS:

- Loaning comms trailer for the event.
- They are soliciting people for that event as well.

Crop Walk:

- 3 or 4 people needed on Oct. 6th. Walk around Lake Fairlee

Cross Rivendel Run:

- September 22nd
- Details to go out on email shortly.

Grantham, Croyden Sled Dog Race:

- February 20th, 4-6 people needed

Inventory:

- Managing system is in place.
- Inventory will be happening soon
- Edd has samples here from his Brother printer

Meeting adjourned at 10:38 AM

73,

Nicole DeShone AC1HQ