

Minutes of the Twin State Radio Club Meeting held May 11, 2024 - Amended

A meeting of Twin State Radio Club was held via Zoom on Saturday May 11, 2024. The meeting opened at 9:02 AM. All officers were present. As the meeting started a quorum of voting members was present so motions can be voted on.

President's Report

Members and attendees were introduced. In honor of Mother's Day attendees were asked to relate a story about the involvement of an YL, XYL, Mother, Daughter, etc in the hobby.

Vice President's Report

Today's presentation is by Dave N1HAC showing some early results of the Dartmouth and HamSCI radio propagation experiments run during the recent Total Solar Eclipse.

Possible future presentations:

1. Field day planning – June
2. Overview of latest QSL'ing. How they interact with logging programs – Eric KB1VUN.
3. Fox hunting.
4. Basics.
5. Setup of a radio station for the first time.
6. Ham rigs & operation over the last 100 years.
7. Morse code in the media, how it's presented. In popular culture.
8. RFI Exposure.
9. RFI mitigation. Common mode chokes.
10. Basics on antenna, radio, regulation, and operating practice.
11. Satellite communications.
12. Beginning, intermediate, advanced modes.
13. Propagation.
14. Tubes (valves) - Dave N1HAC.
15. Extreme bands.
16. Internet SDRs.
17. Other OTA's – summits, islands, etc.
18. Alternative energy.
19. Radio & power lines.
20. Complying w/ FCC regulations on RF exposure.
21. Contesting. Dave N1HAC
22. Direction finding.
23. Radio in the media.

The Vice President is soliciting presentation suggestions and presenters. Get in touch with Dave N1HAC either by email or the repeater.

Treasurer's Report

Dave WA1ZCN submitted the Treasurer's report via groups.io on May 9th.

A motion was made by Alan AE1H, seconded by Peter AB2U to accept the Treasurer's report as submitted. ***The motion passed unanimously.***

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Secretary's Report

The submitted April 13, 2023 minutes were reviewed and amended.

A motion was made by Alan AE1H, seconded Peter AB2U by to accept the minutes as amended.

The motion passed unanimously.

Trailer Committee Report

Alan AE1H reported that the tower trailer is done and needs to be picked up, hopefully this week.

Dave WA1ZCN reported that the order for the new trailer was submitted. He was contacted by Rob N1XSS about the possibility of donating funds to cover the cost of the A/C unit and awning for the new communication trailer. This will now happen. The trailer builder states best way to install A/C is by using the built in vent. There is a 6 week trailer delivery date so a communications trailer build project would happen at a busy time. Want to minimize any impact on events. If the communications trailer is gutted it is possible to use the support trailer and a canopy. Dave WA1ZCN and Alan AE1H have worked on build issues. Help will be needed.

Dave WA1ZCN has made a generator ground pad.

Repeater Committee Report

Dave N1HAC reported that the Moose Mt. repeater is behaving. The E. Corinth repeater needs to be updated. A trip to do this is needed.

Dave WA1ZCN reported nothing new on a northern repeater site.

Dave N1HAC reported no work on the MASTR III. He hopes to find SCOM representatives at Dayton to ask about the SCOM controller. Dave WA1ZCN stated that there are other options for a controller but none of them great.

People are using EchoLink; popping on and off. Seem to be just checking for activity.

Isaiah W1FRE reported on a conversation with another ham about DMR capabilities and inquired about them. Don KB1VP responded that there is a DMR repeater replacing the VHF repeater for installation on Moose Mt. This will be a backup to the Mt. Ascutney analog radio and will be coupled. This is a CVFMA project and repeater. All of the DMR repeaters are working exceptionally well. There was discussion on DMR repeater listings.

Education Committee Report

Dave N1HAC is looking for a VE session coordinator. He has all the materials. There has been interest in holding licensing classes. The next VE sessions are on hold.

Eric KB1VUN inquired as to what the VE coordinator job description was. Responsibilities include coordinating with the ARRL, finding and arranging a test site, the filling out and submission of forms, making sure exam takers have acquired an FRN and proctoring the exam. Most of this is done during the exam session.

Dave WA1ZCN reported on a proposed presentation about Amateur radio at the New Hampshire Telephone Museum in Warner on July 27th. The museum programs director has asked for help. Dave WA1ZCN has put together a PowerPoint presentation. He proposes bringing the tower trailer and

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setting up a beam, inverted V and VHF antenna with two stations. The Contoocook club will also attend.

Nomination Committee Report

Alan AE1H reports that Alex W1FET has accepted the nomination for President. All officer positions are still open.

Old Business

No action on giving the Burden small parts inventory to the Claremont Makerspace. If it does not happen it will be sold.

Dave WA1ZCN reported that I-95 near Fairlee, VT is closed due to rock slide. It will not reopen until the day of the Prouty. This is too late and will cause problems with the bicycle race on Route 10 due to traffic being detoured. More to be reported.

The Field Day site needs to be arranged. Will decide on the day what the operations will be. Operations as 6A? There may be issues with ongoing solar activity.

New Business

Dave WA1ZCN stated the need for four (4) purchases.

1. A/C unit.
2. Awning. 1. and 2. together – \$ 1,879.00.
3. Coax Crimper – \$ 89.95.
4. Bionics Microfox 50 combo unit – \$ 140.00.

Ed AB1XQ stated a need for curtains for the new awning. This needs to be investigated as to the available options.

Alan AE1H stated that the A/C unit should be purchased ASAP and the awning purchase be postponed until more is know about curtains.

Peter AB2U made a motion to allocate the amount of \$1,400.00 to purchase the A/C unit, the Coax Crimper and the Bionics Microfox 50 combo unit. This was seconded by Alan AE1H. ***The motion passed unanimously.***

With no further business to address a motion to adjourn called for. So moved by Alan AE1H, seconded by Dave N1HAC. ***The motion passed unanimously.***

The meeting concluded at 10:20 AM. The presentation followed.

Minutes respectfully submitted by Scott N1SDM.