

Minutes of the Twin State Radio Club Meeting held March 09, 2024 - Amended

A meeting of Twin State Radio Club was held at the Lebanon Elks Club and via Zoom on Saturday March 09, 2024. The meeting opened at 9:08 AM.

Officers present: Nicole DeShone, AC1HQ – President
Dave McGaw, N1HAC - Vice President
Dave Colter, WA1ZCN – Treasurer
Alan Bradford, AE1H - License Trustee
Scott McCoy, N1SDM – Secretary

Other attendees: Ed Barney, AB1XQ
Alasdair Dunlap-Smith, W1UC
Bob Evans, N1BE
Eric Hansen, KB1VUN
Kim Kimura, KE1LF
Peter Ludwig, AB2U
Keith Merrick, W1TIM
Magdalena Moses, KM4EGE
Don Price, KB1VP
Gordon Schnare, AB1SK
Alex Smith, W1FET
Isaiah Washburn, W1FRE

As the meeting started a quorum of voting members was present. Motions can be voted on.

By consensus the order of reporting was changed.

Treasurer's Report

Dave WA1ZCN submitted the Treasurer's report via groups.io on March 8th.

A motion was made by Alan AE1H, seconded by Scott N1SDM to accept the Treasurer's report as submitted. ***The motion passed unanimously.***

Secretary's Report

The submitted January 13, 2023 minutes were reviewed.

A motion was made by Kim KE1LF, seconded Peter AB2U by to accept the minutes as submitted. ***The motion passed unanimously.***

President's Report

Members and attendees were quickly introduced.

Vice President's Report

Today's presentation is on Grounding and Bonding by Ward Silver N0AX, based on his book. Next month is the annual antenna forum

Possible future presentations:

- Basics.

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- Setup of a radio station for the first time.
- Ham rigs & operation over the last 100 years.
- Morse code in the media, how it's presented. In popular culture.
- RFI Exposure.
- RFI mitigation. Common mode chokes.
- Basics on antenna, radio, regulation, and operating practice.
- Satellite communications.
- Beginning, intermediate, advanced modes.
- Propagation.
- Tubes (valves) - Dave N1HAC.
- Extreme bands.
- Internet SDRs.
- Other OTA's – summits, islands, etc.
- Alternative energy.
- Radio & power lines.
- Complying w/ FCC regulations on RF exposure.
- Fox hunting.
- Contesting.
- Lunar & solar eclipse events, contests by HamSCI.
- Direction finding - Spring.
- 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.

Repeater Committee

Dave N1HAC reported that he has information on the SCOM controller and will talk to the representative at Dayton. He will order parts for the MASTR III, other projects have taken time.

Dave WA1ZCN reported nothing new on a northern repeater site.

The E. Corinth repeater is nominal, Dave N1HAC and Dave WA1ZCN will update. There is some EchoLink activity, not much talk. Audio is working, the 220 side is OK.

There is some interference on the Moose Mt. repeater, also some kerchunking.

Trailer Report

Alan AE1H reported that the communications trailer was taken to the CVFMA swap meet.

The ARDC grant request for new communications trailer funding was rejected, the reason given was that the club already had a trailer. A protest of this decision has been submitted with the statement that deterioration could cause the loss of the trailer. No response has been received. A new trailer can still be had without the grant but would exhaust existing funds. The issue of exhausting funds is impact to repeater support.

Alan AE1H submitted the report on the tower trailer via groups.io on March 9th. He also reports that he will travel to the fab working on it in northern Vermont to look at it.

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Jed KC1KQZ wants to teach a Tech In A Day course but is not interested in VE. Technicians belonging to the Makerspace want to upgrade and will provide a room. A VE coordinator is needed to do. Dave N1HAC has the VE materials box. Next scheduled VE session is May 18th. It may be possible to work with the Makerspace on this. Need lead time to put on the ARRL schedule. This should be manageable between VE's. Will consider doing and approach VE's offline.

Railroad Committee

Alan AE1H reports that it is time to consider again. A new President is needed. Alan AE1H will send an email describing the positions and duties.

Old Business

Money was made at the CVFMA swap meet. Keith W1TIM was the winner of the raffle and donated his winnings to the club.

New Business

The club will attend the CVRC (Contoocook) flea on March 17th.

NH emergency services want infrastructure for the eclipse. There is a plan to bring the communication trailer to Pittsburg, NH. More information on this is needed.

The current generator is too noisy, so purchase of a new Honda EU2200ITAN generator was proposed. This generator is both audio and radio quiet. It can be converted to run on propane and still still run on gasoline. The cost is \$1,458.00 plus shipping. The propane conversion kit and an engine hour meter are also wanted.

Dave N1HAC made a motion to authorize the amount of \$1,550.00 to purchase a Honda EU2200ITAN generator, cover the shipping, purchase a propane conversion kit and an engine hour meter. This was seconded by Ed AB1XQ. ***The motion passed unanimously.***

Alex W1FET proposed the use of Li battery bank. There was discussion on this. The current batteries in the communication trailer are rated at 300 Ahr.

So far, by consensus, there will be no club presence at NEAR-Fest. Ed AB1XQ proposed taking the canopy.

Dave N1HAC stated the need to get the trailer computer network functional before Field Day. He proposes a Saturday to determine the issues. This will be organized offline and help will be solicited via email. Now is the time to speak for the school site.

With no further business to address a motion to adjourn called for. So moved by Ed AB1XQ, seconded by Alan AE1H. ***The motion passed unanimously.***

The meeting concluded at 9:49 AM. The presentation followed.

Minutes respectfully submitted by Scott N1SDM.