

**Minutes of the Twin State Radio Club Meeting held January 13, 2024**

A meeting of Twin State Radio Club was held at the Lebanon Elks Club and via Zoom on Saturday January 13, 2024. The meeting opened at 9:25 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: Joe Alvin  
Ed Barney, AB1XQ  
Dave Bridgeham, N1AHF  
Alasdair Dunlap-Smith, W1UC  
Eric Hansen, KB1VUN  
Kim Kimura, KE1LF  
Peter Ludwig, AB2U  
Keith Merrick, W1TIM  
Don Price, KB1VP  
Aaron Rothberg, KC1TXC  
Gordon Schnare, AB1SK  
Alex Smith, W1FET  
Don Smith, W1DAS  
Bill Stearns, KC1ROJ  
Isaiah Washburn, W1FRE

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

**President's Report**

Members and attendees were introduced. Attendees were asked if they had any issues that morning with power.

**Vice President's Report**

Today's presentation is on Considerate Operators Frequency Guides by Dave WA1ZCN.

Possible future presentations:

- HamSCI eclipse activities.
- Annual antenna forum – April.
- Basics.
- 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.

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- Propagation.
- Tubes (valves) - Dave N1HAC.
- Extreme bands.
- Internet SDRs.
- Other OTA's – summits, islands, etc.
- Alternative energy.
- Grounding.
- Radio & power lines.
- Complying w/ FCC regulations on RF exposure.
- Fox hunting.
- Contesting.
- Lunar & solar eclipse events, contests by HamSCI.
- Direction finding - Spring.
- Solar eclipse preparation.
- 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 January 11<sup>th</sup>.

A motion was made by Dave N1HAC, seconded by Peter AB2U to accept the Treasurer's report as amended. ***The motion passed unanimously.***

### Secretary's Report

The submitted December 9, 2023 minutes were reviewed.

A motion was made by Kim KE1LF, seconded Dave N1HAC by to accept the minutes as submitted. ***The motion passed unanimously.***

### Trailer Report

Alan AE1H submitted the report via groups.io on January 11<sup>th</sup>. Dave WA1ZCN has been working on the grant proposal for comm trailer, due end of month.

### Repeater Committee

Dave N1HAC reported that he is working on the MASTR III. Modifications are not easy but doable.

Dave WA1ZCN has a new contact for the Progress Hill northern repeater site.

There are issues with the E. Corinth repeater directionality.

### Education Committee

There are questions on and interest in upcoming VE sessions. No info. Looking for interested parties to do more on.

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**Old Business**

Winter Field Day will be at WHQ in Canaan. Plan is set up a dipole and mini beam. Interested parties should contact Alan AE1H or Dave WA1ZCN.

The CVFMA swap meet is February 10<sup>th</sup> at the Charlestown Senior Center. The club meeting was changed to February 3<sup>rd</sup> for this.

The repeater plan requested September 9<sup>th</sup>, 2023 was brought up. Ed AB1XQ asked about other associated equipment. Dave WA1ZCN reported that controller software has been written. Dave N1HAC is considering changing out the controller but wants to check upgrades. Dave WA1ZCN reported that link radios are straightforward and that the club has a stock. The portable repeater and what was at the Strafford site are the same equipment. Determining what to do at E. Corinth depends on what equipment is in place. Should the club use whats there or install it's own equipment? Dave WA1ZCN would prefer the latter, as what is there is old. There are funds for new equipment. Dave N1HAC described the differences in front end between gear. Dave WA1ZCN stated that no cost is incurred for Rogers Hill.

**New Business**

Dave WA1ZCN stated the need for a continuing resolution to pay \$300.00 for insurance. He made a motion for a continuing resolution of up to \$1,000.00. This was seconded by Gordon AB1SK. ***The motion passed unanimously.***

He also submitted the following three bills:

1. \$30.00 for an endorsement stamp.
2. \$42.50 for a microphone purchase through Ebay.
3. \$62.00 for beam repair parts consisting of 4 new blocks.

Dave N1HAC made a motion authorize the payment of these three bills, seconded by Alex W1FET. ***The motion passed unanimously.***

With no further business to address a motion to adjourn called for. So moved by Dave N1HAC, seconded by Gordon AB1SK. ***The motion passed unanimously.***

The meeting concluded at 10:09 AM. The presentation followed.

Minutes respectfully submitted by Scott N1SDM.