

**Minutes of the Twin State Radio Club Meeting held December 9, 2023**

A meeting of Twin State Radio Club was held via Zoom on Saturday December 9, 2023. The meeting opened at 9:06 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  
Dave Bridgeham, N1AHF  
Alasdair Dunlap-Smith, W1UC  
Rob Evans, N1BE  
Eric Hansen, KB1VUN  
Carmine Iannace, K1VL  
Kim Kimura, KE1LF  
Don Kollisch, W2QYB  
Rob Leiden, K1UI  
Peter Ludwig, AB2U  
Keith Merrick, W1TIM  
Alex Smith, W1FET  
Don Price, KB1VP  
Isaiah Washburn, W1FRE  
Rich Watson, N1GNB  
Rick, AFA1RT

***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 what they would like Santa to bring them for Xmas.

**Vice President's Report**

Today's presentation is an open forum – questions answered, Tech, General & Extra.

Possible future presentations:

- HamSCI eclipse activities.
- 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 December 8<sup>th</sup>. He asked if there were any questions about the bank move.

A motion was made by Alan AE1H, seconded by Ed AB1XQ to accept the Treasurer's report as amended. ***The motion passed unanimously.***

### Secretary's Report

The submitted November 11, 2023 minutes were reviewed.

A motion was made by Alan AE1H, seconded Carmine K1VL by to accept the minutes as submitted. ***The motion passed unanimously.***

### Trailer Report

Alan AE1H submitted the report via groups.io on December 2<sup>nd</sup>. Dave WA1ZCN brought up grant deadlines. There was discussion on this.

### Repeater Committee

Dave N1HAC reported not much happening. He is looking at the modifications needed to the MASTR III. VHF needs a lot of work, but possible. The new antenna on the Moose Mt. repeater is hoped to be more consistent, reports are solicited.

Still looking for a northern repeater site location. Dave WA1ZCN is looking for information on sites in Bradford.

### Education Committee

Dave WA1ZCN reported that the VE materials box was retrieved from Ray WA1ORT (SK)'s widow and is at Alan AE1H's location. He is coordinating with Jed KC1KQZ to get it to him. The Tech In A Day Power Point slides from N1XSS need animation repair.

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**Old Business**

There is no information on or contact point for the Grafton Sled Dog Race. Club participation is not anticipated at this time.

Winter Field Day activities are expected to be low key. Location is planned to be at WHQ in Canaan. Plan is to be available to whoever is interested. There was discussion on antenna placement since the tower trailer will probably not be available.

**New Business**

The CVFMA flea market conflicts with the club meeting February 10<sup>th</sup>. There was agreement to move the meeting date to February 3<sup>rd</sup>.

A meeting room at the Lebanon Elks Club is proposed for hybrid club meetings. Alan AE1H, Dave N1HAC and Dave WA1ZCN inspected the location this week and report it suitable. The acoustics may be a challenge for a hybrid meeting but doable. Suggestions were made for microphone placement. Nicole AC1HQ supports hybrid meetings for the flexibility. Meetings can still be held in the event of bad weather; easy to switch to all zoom if necessary. Don W2QYB proposed that this format be a pilot plan. Carmine K1VL proposed an alternative be meeting this way every quarter.

Peter AB2U made a motion that club meetings be held at the Lebanon Elks Club with the hybrid format beginning with January 13<sup>th</sup> meeting. Rich N1GNB seconded the motion. ***The motion passed unanimously.***

Dave WA1ZCN suggested that the purchase and conversion of a generator for the communication trailer be done before the next Field Day. The cost is in the budget.

With no further business to address a motion to adjourn called for. So moved by Alan AE1H, seconded by Dave WA1ZCN. ***The motion passed unanimously.***

The meeting concluded at 9:56 AM. The presentation followed.

Minutes respectfully submitted by Scott N1SDM.