

Minutes of the Twin State Radio Club Meeting held June 8, 2024

A meeting of Twin State Radio Club was held via Zoom on Saturday June 8, 2024. The meeting opened at 9:00 AM. All officers were present. As the meeting started a quorum of voting members was *not* present so motions *cannot* be voted on.

President's Report

Members and attendees were introduced. In honor of Father's Day attendees were asked to relate a story about the involvement of an Father, Uncle, children, etc in the hobby.

Vice President's Report

Today's presentation is Field day planning.

Possible future presentations:

- Overview of latest QSL'ing. How they interact with logging programs – Eric KB1VUN.
- Fox hunting.
- 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.
- 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.
- Contesting. Dave N1HAC
- Direction finding.
- Radio in the media.

Dave N1HAC reports the zoom link will change, so be aware of any resulting issues. He has discovered YouTube videos and suggests making those available.

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 June 8th.

Secretary's Report

The submitted May 11, 2023 minutes were reviewed and amended.

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Trailer Committee Report

Alan AE1H submitted the report via groups.io on June 5th. Dave WA1ZCN reported that the new trailer for the new communication trailer build should be delivered soon. He suggested doing the corrosion inhibiting treatment ASAP, there was discussion on this.

Electrical work will be needed on the tower trailer to accommodate the longer tow bar. The metal decoration will be removed. Attention to the paint job is needed.

Repeater Committee Report

Dave N1HAC reported that repeater performance is nominal everywhere. At Dayton he was able to talk with the S-COM designer. A 7330 replacement is in the works extendable to 8 channels. An update to the firmware is to be offered. He picked up an Arcom RC-210 Repeater Controller with a voice record over the air option and will see if it is usable.

The E. Corinth repeater needs to be accessed, Dave N1HAC and Dave WA1ZCN need to make a trip. Upgrade rewiring is needed. The preamps need to be upgraded.

Dave WA1ZCN reported on a northern repeater site. The site owner has no problem with club access. The tower owner needs to be talked with about permanent placement. The site will be used for the Prouty. The tower trailer, generator and fuel will be placed there.

Dave WA1ZCN has been in contact with the Claremont repeater group. They seem to be fine with a transfer of control to the club or the Claremont Makerspace. This repeater would be linked.

Isaiah W1FRE reported kerchunking on the Moose Mt. repeater. Dave N1HAC reported key ups, he suggests that when this is noticed to check the local transmit side to see if the source is nearby.

Education Committee Report

Nicole AC1HQ stated that education needs reestablishment. Dave N1HAC stated the club has the VE materials and expertise. It was suggested that VE sessions be thrown together and to forego regular sessions. Ed AB1XQ asked if the VE materials can be retained or need to be returned to the ARRL. Answer is that keeping the materials is dependent on the number of times sessions are held, at least 4 times a year. If that number cannot be met the materials will have to be returned. The next scheduled VE session is August 17th.

At this point in the meeting attendance increased to a quorum. A motion was made by Dave N1HAC, seconded by Peter AB2U to accept the Treasurer's and Secretary's reports. ***The motion passed unanimously.***

Nomination Committee Report

Alan AE1H submitted the report via groups.io on June 5th and reports that Alex W1FET will run for President. All officer positions are still open.

A motion was made by Alan AE1H, seconded by Dave N1HAC to accept the slate of officers, all those running, for the coming year. ***The motion passed unanimously.***

Minutes of the Twin State Radio Club Meeting held June 8, 2024**Old Business**

Dave WA1ZCN presented an overview of the updated inventory system. While using the system he discovered that a Yaesu radio microphone cable was frayed and suggested checking all the Yaesu radios for this and ordering replacement cables. The MicroFox 50 needs programming and will be placed in an ammo box.

Ed AB1XQ reported that his investigation into side curtains for the new awning is complete and that his concerns have been satisfied. He made a motion to allocate the amount of \$759.95 to purchase the awning. This was seconded by Peter AB2U. ***The motion passed unanimously.***

New Business

Dave N1HAC brought up the subject of replacing the clubs current MFJ-259 antenna analyzer with a RigExpert unit. There was discussion about this. It was proposed that a comparison of these units be done on Field Day. Dave WA1ZCN stated that the cost of buying a new unit would be covered by a check that is coming from Covered Bridges.

Dave WA1ZCN stated that there will be a gathering at WHQ this afternoon to attempt a tune up of the new mag mount antennas and repair the beam for Field Day.

With no further business to address a motion to adjourn called for. So moved by Dave N1HAC, seconded by Alex W1FET. ***The motion passed unanimously.***

The meeting concluded at 9:51 AM. The presentation followed.

Minutes respectfully submitted by Scott N1SDM.