

Minutes of the Twin State Radio Club Meeting held July 16, 2022

A meeting of Twin State Radio Club was held via Zoom on Saturday July 16, 2022.

Officers present: Dave Colter, WA1ZCN – Treasurer
Scott McCoy, KC1LDI – Secretary
Alan Bradford, AE1H - License Trustee

Officers absent: Nicole DeShone, AC1HQ - President
Dave McGaw, N1HAC - Vice President

Other attendees: Dave Bridgham,
Michael Ford, WZ0C
Kim Kimura, KE1LF
Rob Leiden, K1UI
Don Price, KB1VP
William Sterns, KC1ROJ
Rich Watson, N1GNB

Motions cannot be voted on at this meeting since a quorum of voting members was not present when called to order and was not attained during its duration. Informal meeting.

President's Report

The meeting was called to order at 9:13 AM. Members, attendees and new attendees were introduced.

Vice President's Report

No presentation today, informal discussion.

Possible future presentations:

- Fox hunting.
- RFI in August
- Trudi N1HPX on her father's equipment?
- Surface mount assembly – Dan AD1HD? Jay KB1RZA? Dave N1HAC?
- Grounding - Ray WA1ORT.
- Internet SDRs.
- Troubleshooting tubes.
- ARRL Section manager talks.
- Obscure digital modes.
- Surface mount kit build.
- Slide set on the Cape Cod WCC Marconi station.
- How to create virtual COM ports under windows to allow multiple transceiver control programs to run at the same time.

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

Suggestions for new meeting places are also still being solicited.

Minutes of the Twin State Radio Club Meeting held July 16, 2022**Treasurer's Report**

- Checking – \$ 5,131.36.
- Savings – \$ 42,620.91.
- Bonds – \$ 5,000.00 (I bonds).

The Treasurer's Report will be voted on next month.

Secretary's Report

The amended June 11, 2022 minutes were presented. The minutes will be reviewed and voted on next month.

The minutes submitted for April 9, 2022 and May 14, 2022 will be reviewed next month.

Trailer Report

Trailers were used at Field Day. Flanges were 3D printed and installed in the support trailer. A privacy curtain was installed by Ed AB1XQ. The communications trailer is at the Vermont 100 today. The tower trailer was used at the Prouty. A disconnect switch for the inverter is needed in communications trailer.

Repeater Committee

On the Moose Mtn. repeater:

- The 220 link is desensitizing the 2M system. Replacing the triplexers with cable runs is suggested, an estimate is needed to do this. It is possible that the triplexers don't have enough isolation between. A remount of the antennas may solve this; putting in more separation. Adding another filter on the 220 side will be investigated. Is this a 220 antenna or feed line issue?
- The ISO pole antenna is being worked on, Dave N1HAC discovered a duplexer issue and noise floor problems.
- Our antennas are below the newly installed T Mobile 5G rack. Dave N1HAC believes broad band noise is resulting from this. Looking at filtering but may be insoluble. Rob K1UI asked if a spectrum analyzer can be used.
- Have discovered that the antenna side braces were incorrectly installed too close. Plus a wire was discovered to be wrapping around the 440 antenna. Plan to examine with a drone.

The Strafford repeater will be torn down today and all the equipment that can be recovered in the time available will be. A new site is being sought. The site at Rogers farm that was used for the Prouty would be nice. Working with the sheriff on this. The repeater was never officially coordinated so not an issue.

Components for the portable repeater SCOM controller are no longer made. A spare was acquired by Dave WA1ZCN from CCDX. Dave remounted the board for this in a better enclosure and made new cables. This was presented and discussed.

Rob K1UI talked about a linkup with mesh and DMR networks. A linkup test is being done. Potential replacement of commercial internet if there is an issue with. Don KB1VP asked about internet access through this. There was discussion.

Minutes of the Twin State Radio Club Meeting held July 16, 2022

Education committee

There was discussion on the license tests done at Field Day. The correct dates for future exams are now on the website.

Old Business

None. Nothing could be voted on anyway.

New Business

None. Nothing could be voted on anyway.

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 10:05 AM.

Minutes respectfully submitted by Scott KC1LDI.