

Minutes of the Twin State Radio Club Meeting held July 20, 2024 - Amended

A meeting of Twin State Radio Club was held via Zoom on Saturday July 20, 2024. The meeting opened at 9:05 AM. Two officers were not 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. Attendees were asked how their summer was going and what they are doing.

Vice President's Report

Today's presentation is an overview of QSL'ing and logging programs by Eric KB1VUN.

Possible future presentations:

- 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.

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 July 11th. Reported was:

Checking: \$ 3,482.98
Savings: \$ 30,645.34
Gov't. Bonds: \$ 10,000

Due to lack of a quorum no vote could be taken on the Treasurer's report and no motion was made to approve it. Postponed until next month.

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Secretary's Report

The submitted June 8, 2024 minutes were reviewed and amended. Due to lack of a quorum no vote could be taken on the Secretary's report and no motion was made to approve it. Postponed until next month.

Trailer Committee Report

Alan AE1H submitted the report via groups.io on July 11th. Dave WA1ZCN reported that the new communication trailer will be delivered in 4 weeks. The builders will install the A/C which needs to be taken to them.

Alex W1FET asked what work needs to be done on the new communication trailer. Dave WA1ZCN answered that the interior walls need to be removed, all the wiring done, antenna mounts and solar panel cables installed on the roof. After wiring, the insulation will be installed, followed by ceiling and wall panels, then the walls and floor will be carpeted. Then the old communication trailer will be gutted, the counter-rack slid out, modified and reinstalled in the new trailer. This work will be for the fall and winter. Time has been lost due to the wrong trailer delivery by the previous vendor. We will be able to walk on the trailer roof for the many mounts that will be there. Roof material is aluminum over plywood, thick enough for the mounts and the A/C too. There was discussion on the current draw the A/C will have on the Honda genset. This will have to be tested and if necessary a soft-start device used. Dave WA1ZCN will send the designs for all of this to anyone interested. Dave WA1ZCN, Alan AE1H and Ed AB1XQ are doing most of the work. Help is welcome but tasks will need to be assigned. Weekend work. Fund raising for the project is needed.

Repeater Committee Report

Dave WA1ZCN reported on the Claremont repeater. Steve W1HS is working on wiring and programming the controller. Dave WA1ZCN has put together a list of equipment needed which has been mailed. The repeater is hosted by AT&T, but the site is apparently owned by American Tower. The equipment list was reviewed. The old S-Com controller will be repurposed for the portable repeater. The original antenna position was bad and has been repositioned on the cable rack which is much better. The new antenna can be installed there with a step ladder.

The 147.345 MHz (northern) repeater is moving along. The tower trailer was placed at the proposed location and used for the Prouty. The club may get this site in a couple of years. There is a possible site in Bradford but there is not a good path for 220 MHz there.

Alex W1FET asked where the portable repeater is stored. Answer is in the support trailer.

Education Committee Report

Nobody is really running this now. The next VE session August 17th may be run by Eric KB1VUN but no promises. May have to postpone or skip. Alex W1FET asked if walk ins and/or sign ups will be allowed, the answer was yes. The VE materials may be an issue if no one manages the sessions and need to be returned to the ARRL.

Old Business

Dave WA1ZCN stated that the presentation at the New Hampshire Telephone Museum in Warner is in a week. Alan AE1H will deliver the support trailer and he will bring the tower trailer. The

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PowerPoint presentation is ready. 2:00 PM set up, then the presentation and then a demonstration. More help for this is needed.

New Business

Due to lack of quorum no vote could be taken on the purchase of the equipment listed by Dave WA1ZCN for the Claremont repeater and no motion was made to authorize it. Postponed until next month.

Alex W1FET asked about digital mode options on this repeater. Dave WA1ZCN answered that the club has refused this in past and that the Claremont Makerspace is moving on to do DMR. There is already DMR on Moose Mnt.

Dave WA1ZCN stated that the HamXpo, VT50, Crop Walk and NEAR-Fest (at the new location) events are coming up.

With no further business to address a motion to adjourn called for. So moved by Dave WA1ZCN, seconded by Eric KB1VUN. ***The motion passed unanimously.***

The meeting concluded at 9:47 AM. The presentation followed.

Minutes respectfully submitted by Scott N1SDM.