

Minutes of the Twin State Radio Club Meeting held April 8, 2023 - Amended

A meeting of Twin State Radio Club was held via Zoom on Saturday April 8, 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 Bridgham, N1AHF
Ray Chaffee, WA1ORT
Alasdair Dunlap-Smith, W1UC
Rob Evans, N1BE
Kim Kimura, KE1LF
Eric Hansen, KB1VUN
Peter Ludwig, AB2U
Don Price, KB1VP
Alex Smith, W1FET
Edward Stammer, KC1FWS
William Stearns, KC1ROJ

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 to relate an incident in radio when they were doing something exciting and thought it was going well, but didn't.

Vice President's Report

Today's presentation is the hosting of the annual antenna forum.

Possible future presentations:

- May – an overview of logging and programs by Alex W1FET.
- June is Field Day planning.
- July is open.
- Extreme bands.
- Tubes (valves) - Dave N1HAC.
- Internet SDRs.
- OTA's – parks, summits, islands, etc.
- Alternative energy.
- Grounding – Ray WA1ORT.
- Radio & power lines.
- Complying w/ FCC regulations on RF exposure.
- Setup of a radio station for the first time.
- Basics on antenna, radio, regulation, and operating practice.
- Satellite communications.

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- Fox hunting.
- Contesting.
- Beginning, intermediate, advanced modes.
- Lunar & solar eclipse events, contests by HamSCI.
- Direction finding - Spring.
- RFI. Common mode chokes.
- Solar eclipse preparation.

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 reported:

- Checking – \$ 3,823.23.
- Savings – \$ 37,634.23.
- Bonds – \$ 10,000.00.

A motion was made by Ray WA1ORT, seconded by Alan AE1H to accept the Treasurer's report. ***The motion passed unanimously.***

Secretary's Report

The amended March 11, 2023 minutes were reviewed.

A motion was made by Ray WA1ORT, seconded by Alan AE1H to accept the minutes as amended. ***The motion passed unanimously.***

Trailer Report

Alan AE1H reported that the trailers are now clear of snow.

Repeater Committee

Dave N1HAC reported that the Moose Mt. repeater had random problems yesterday on 2M turning on and off. It was thought to be power glitches possibly related to high winds. It turned out that a power connection had come loose. The sensitivity has been reasonable lately, Dave WA1ZCN reported it to be OK the last few days. There may be a problem with the antenna.

No progress on the portable repeater repair.

A resistor on the 220 radio was checked and found not to be a problem. It may be the PA module. Will try swapping out the transmit module from the unit being used a receiver. Purchase of another module is possible.

Still looking for locations for a northern repeater.

Education committee

Ray WA1ORT reported two new hams licensed: Dan KC1SNH and Eric KC1SOJ. Those interested in becoming VE examiners should contact Ray. There are two requests to upgrade to General for the May 20th exam.

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Nicole AC1HQ repeated that there is a need to resolve logging issues before ARRL Field Day.

Dave N1HAC reminded the club that HamSCI October annular eclipse and April 2024 solar eclipse parties are coming up. The link is <https://hamsci.org/eclipse>. Propagation study activities are planned. An in person and virtual workshop is upcoming. Check the main website <https://hamsci.org>.

The organization of the Stellafane radio club W1STM special event station at their 100th anniversary convention is in progress.

An in person meeting place is still sought. There was discussion. There is a consensus that a location with high speed internet is needed. Locations are solicited.

Dave WA1ZCN reported on the items sold at the Contocook hamfest. Everything but one radio sold and this will be taken to NEAR-Fest.

Dave WA1ZCN investigated Bar Harbor bank interest rates and found them to be unacceptably low.

New Business

Alan AE1H reported on the impending election of club officers. 2 incumbents will run for reelection but he is soliciting for other candidates to run for office. Everyone who is a voting member is eligible.

Dave WA1ZCN presented a list of club equipment to sell at NEAR-Fest. He and Alan AE1H worked on this with an intent on clearing these items from storage. The equipment list was modified.

Dave WA1ZCN made a motion to sell at NEAR-Fest in 3 weeks:

- A Ham IV rotator (keeping the newer Yaesu).
- All HTs except the two Alinco DJ596s.
- A Kenwood TR851A UHF all mode mobile.
- All commercial (non-ham) mobiles.
- A Kenwood HC10 station clock (free pile).
- A Clegg FM28 2m mobile.
- A Cushcraft Boomer 2m beam.
- An Alinco DR-1200 2m data radio.
- A TPL mid-power 2m amp (6 in/45 out).
- Surplus Ringo antennas – which ones will be worked out before NEARFest.

Dave N1HAC seconded the motion. ***The motion passed unanimously.***

The sale of a Bird 8431 500W dummy load will be discussed in the future.

Dave WA1ZCN submitted a specification of the club's core capabilities (attached as Appendix A). There was discussion on this.

With no further business to address a motion to adjourn called for. So moved by Alan AE1H, seconded by Eric KB1VUN. ***The motion passed unanimously.***

The meeting concluded at 10:25 AM. The forum followed.

Minutes respectfully submitted by Scott N1SDM.

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Appendix A

TSRC Core Capabilities

Education

- Portable stations
- Trailers
- Computers
- Test equipment
- Fox hunting gear

Community Outreach

- Portable stations
- Computers
- Trailers

Public Service

- Trailers
- Portable VHF stations
- Computers
- Portable repeater

Emergency Communication Support

- Trailers
- Portable stations
- Computers
- Portable repeater

Contests

- Trailers
- Portable stations
- Computers

Experimentation

- Portable stations
- Test equipment

Summits and Islands

- Portable QRP stations