

Minutes of the Twin State Radio Club Meeting held September 9, 2023 - Amended

A meeting of Twin State Radio Club was held via Zoom on Saturday September 9, 2023. The meeting opened at 9:22 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: Kim Kimura, KE1LF
Rob Leiden, K1UI
Ed Barney, AB1XQ
Mark Buck, AC10W
Rob Evans, N1BE
Rick, WA1RKT
Gordon Schnare, AB1SK
Bill Stearns, KC1ROJ
Rich Watson, N1GNB
Alex Smith, W1FET
Don Price, KB1VP
Michael Ford, WZ0C
Peter Ludwig, AB2U

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 for the reason(s) that moved them into Amateur Radio.

There was a moment of silence for Ray Chaffee, WA1ORT (SK).

Vice President's Report

Today's presentation is an update on radio in popular culture 'Zoomers into Radio' by Nicole, AC1HQ.

Possible future presentations:

- QSLing.
- RFI Exposure.
- RFI mitigation. Common mode chokes.
- Basics.
- Setup of a radio station for the first time.
- Basics on antenna, radio, regulation, and operating practice.
- Satellite communications.
- Beginning, intermediate, advanced modes.
- Propagation.
- Tubes (valves) - Dave N1HAC.

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- Extreme bands.
- Internet SDRs.
- Other OTA's – summits, islands, etc.
- Alternative energy.
- Grounding – Ray WA1ORT.
- Radio & power lines.
- Complying w/ FCC regulations oRob Leiden, K1UIn RF exposure.
- Fox hunting.
- Contesting.
- Lunar & solar eclipse events, contests by HamSCI.
- Direction finding - Spring.
- Solar eclipse preparation.
- Radio in the media.
- Beginning radio, VHF, UHF
- Antenna matching.
- Workshops.

Michael WZ0C volunteered to do 'Introduction to Digital Modes' and 'Today's Packet Radio' presentations.

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 report via groups.io on September 5th.

Secretary's Report

The submitted August 12, 2023 minutes were reviewed.

A motion was made by Gordon AB1SK, seconded by Alan AE1H to accept the the Treasurer's report and the meeting minutes as submitted. ***The motion passed unanimously.***

Trailer Report

Alan AE1H submitted the report via groups.io on September 5th and 8th.

Education Committee

A new chairman is solicited. There will be one more exam this year. Need a place to test. Plan 5 or 6 tests a year plus Field Day and requests. The question was asked is there a room to use at Dartmouth? The Shakers want to purchase La Salette but need funds to do so. The next VE exam is in November.

Repeater Committee

Dave N1HAC submitted the report via groups.io on September 8th.

In addition he reported on the Moose Mt. repeater antenna replacement. Also that spare radio chassis and parts are available, the crystals would be moved from the present installation. There is a new version of the controller available. It was proposed that other members be trained to do on the repeater.

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Alan AE1H commented that the trailers brought to HamXpo were presented and compared with others there. Dave WA1ZCN stated that it was eye opening looking at other trailers. Dave N1HAC reported that NE SciTech was impressed by the club trailers.

Six (6) Big E volunteers are needed September 23rd. Long shifts are required. Rob K1UI stated that volunteers are needed for other days as well. Larry W1AST is organizing. Email him at W1AST@arrl.net. A link to the sign up list will be posted on the club website.

Alan AE1H reported that volunteers are needed for the CROP walk on October 8th.

New Business

Dave WA1ZCN made a motion to authorize spending \$775.50 (\$51.70 each) to replace the APRS/Go kit antennas, seconded by Gordon AB1SK. ***The motion passed unanimously.***

2M mobile go kit replacement will be discussed next month.

Dave WA1ZCN made a motion to authorize spending up to \$5000.00 to replace the Moose Mtn. tower antenna, seconded by Alan AE1H. ***The motion passed unanimously.***

Ed AB1XQ made a motion that the repeater committee evaluate associated repeater controllers, link radios and other associated equipment, and develop a plan for replacement of all TSRC repeaters (transceivers and PA if required, all sites) and associated equipment. This plan will be submitted during the January 2024 meeting, and scheduled to be fully implemented by the end of 2025 (2 years). Gordon AB1SK seconded. There was discussion. Kim KE1LF asked what is a mean time to failure for the equipment. Dave WA1ZCN replied years. Rob K1UI asked if the most vulnerable gear was outside. Dave WA1ZCN replied not really; the gear is pretty rugged. Nicole AC1HQ stated that shoddy work was done in the past and because of that severe weather may affect. Dave WA1ZCN replied this has not happened so far. Gordon AB1SK stated that a plan can be made without effecting the people involved. A vision for the years ahead is needed. The repeater manager does not support the motion. ***The motion passed with one opposed.***

With no further business to address a motion to adjourn called for. So moved by Dave N1HAC, seconded by Kim KE1LF. ***The motion passed unanimously.***

The meeting concluded at 10:21 AM. The presentation followed.

Minutes respectfully submitted by Scott N1SDM.