

Minutes of the Twin State Radio Club Meeting held June 11, 2022 - Amended

A meeting of Twin State Radio Club was held via Zoom on Saturday June 11, 2022.

Officers present: Nicole DeShone, AC1HQ - President
Dave McGaw, N1HAC - Vice President
Dave Colter, WA1ZCN – Treasurer
Scott McCoy, KC1LDI – Secretary

Officers absent: Alan Bradford, AE1H - License Trustee

Other attendees: Ed Barney, AB1XQ
Ray Chaffee, WA1ORT
Alasdair Dunlap-Smith, W1UC
Bob Evans, N1BE
Kim Kimura, KE1LF
Larry Krainson, W1AST
Rob Leiden, K1UI
Peter Ludwig, AB2U
Keith Merrick, W1TIM
Phil Temples, K9HI
Rich Watson, N1GNB

Motions can be voted on at this meeting since a quorum of voting members was present when called to order and maintained for its duration.

President's Report

The President called to meeting to order at 9:10 AM. Members and attendees were introduced. Attendee radio wants and wishes were presented.

Vice President's Report

The presentation today is by Ray WA1ORT who will walk us through what the field day committee has planned for ARRL 2022 Field Day.

Possible future presentations:

- Fox hunting – next month.
- 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.

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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.

Treasurer's Report

- Checking – \$ 5,582.92.
- Savings – \$ 42,619.10.
- Bonds – \$ 5,000.00 (I bonds).
- Deposits – \$ 1,000.00 (approximate).

A motion was made by Ray WA1ORT to accept the Treasurer's Report, seconded by Peter AB2U. ***The motion passed unanimously.***

The expenditures for another bond purchase were authorized last meeting and is being considered. Interest rates are up.

Secretary's Report

A motion was made by Ray WA1ORT to accept the submitted March 12, 2022 meeting minutes, seconded by Rich N1GNB. ***The motion passed unanimously.***

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

Trailer Report

The front cabinet in the support trailer has been installed by Dave WA1ZCN and Ed AB1XQ. The inverter has been installed. There are odds and ends to do before Field Day.

During deployment for the Covered Bridges Half Marathon the Hartford, VT police chief toured the communications trailer and was impressed.

Repeater Committee

The Strafford repeater squelch issue has been straightened out, the high sound is OK. The interference has been gotten rid of. The club has been asked to leave the site over use and liability issues but will be able to remain through the Prouty event.

The Moose Mtn. repeater link with Strafford has been reprogrammed. A team installing T-Mobile equipment changed out the triplexer. This helped but sensitivity issues still remain. The 220 link is better. The changed triplexer was tested with no determination; it is desensitized by something. It will be tested with a signal. Echolink is OK on Moose.

The portable repeater was used at the half marathon.

The site at Rogers farm will be used at the Prouty. The event is in shadow from Moose.

Education committee

10 to 12 license tests have been requested for Field Day. Plan for at 10:00 AM Saturday and Sunday.

No tests were given on June 3rd, they will done at Field Day.

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All current officers have agreed to serve again and are running unopposed. On behalf of the club the Secretary accepted this slate of officer candidates.

A motion was made by Ray WA1ORT to accept the slate of officer candidates, seconded by Ed AB1XQ. ***The motion passed unanimously.***

Old Business

JOTA is scheduled for October 16th. It conflicts with NEARFest. Plan for one trailer to be at JOTA and another at NEARFest.

Attendance at the Vintage Flea Market was OK. Most of the gear is gone.

New Business

Rob K1UI, ARRL New England Division Assistant Director for Spectrum Protection & Utilization (SP&U) stated: repeaters like the wb1gqr repeater have reported wideband noise getting through the duplexers and lowering receiver sensitivity in excess of 10 dB. This is still under investigation. Mesh networks have the potential to provide enhanced on site monitoring at repeater sites to better determine the source of such noise if and when it occurs. Tests to link mesh networks with NEDCN repeaters in NH are being conducted this month.

Larry W1AST (W1AST@arrl.net), organizer of the Big E Project addressed the club and discussed the planned booth at the Big E. The purpose of this is attracting new Hams. Demonstrations, operations, ARISS and builds are planned. Friday, Sept. 23 is New Hampshire Day at Big E. There was discussion on club member attendance on this date. The Big E is September 16 to October 3, 2022 in West Springfield, MA. <https://nediv.arrl.org/project-big-e/>.

With no further business to address a motion to adjourn called for. So moved by Ray WA1ORT, seconded by Dave WA1ZCN. ***The motion passed unanimously.***

The meeting concluded at 10:45 AM. The presentation followed.

Minutes respectfully submitted by Scott KC1LDI.

Presentation by Ray WA1ORT, head of the Field Day committee, on the Field Day Plan

Ray WA1ORT requests that members interested in being involved with testing email him. He also requested that members email him and sign up for special times so that continuous operations can be arranged. 40, 20, 15 and 10M with possible 6M operations are planned. Some satellite operations are planned. The communications and support trailers will be used. A pop up tent will be used for testing, 6M operations and VHF/UHF support. Three (3) operators in the communications trailer and one (1) operator in the support trailer are planned. Plan to deliver and setup all trailers on Friday after noon, setup towers on Saturday beginning at 8:00 AM and tear down at 2:00 PM on Sunday. Load masters Dave WA1ZCN and Ed AB1XQ should be consulted for pack up advice. Ray WA1ORT will provide food on Saturday night. The Valley News and ARRL have be contacted about the event. There was discussion on how to place the event on local calendars and doing flyers. The PDF document about Field Day on the ARRL website can be modified.