



SIGNAL



de N1NC

October 2015 Volume 24 Number 10

Special Meeting - Election

A Special Meeting will be convened at the October meeting in order to elect a Board Member to serve the remainder of the 2014-2017 term. Ed N1YFK has been nominated. Further nominations and write-ins can be made at the start of the Special Meeting.

This Month's Program

This month meeting program is the annual QSL Card Sort for the W1 Incoming QSL Bureau. The sorting boxes early but we cannot set up until the earlier group finishes. We will need everyone's help to set up quickly once the room is available.

Last Month's Meeting

Bob W1XP discussed Tech Night and the Tech Night Survey he distributed. Bob is looking for ideas for future Tech Nights. They would also like to have others lead discussions or projects for Tech Night.



Photo Courtesy KD1SM

Jim AB1WQ and Dan KW2T awarded Certificates for Field Day contributions.



Photo Courtesy KD1SM
Jim and Dan also handed out pins to Field Day participants who were present (above)

Last month's meeting program was by Andy KB1OIQ on Linux and Ham Radio.



Photo Courtesy KD1SM

In Attendance: Jim AB1WQ, Jean K1AVM, Bruce K1BG, John K1JEB, Dennis K1LGQ, Skip K1NKR, Dan K1RAU, Gary K1YTS, Phil KB1JKL, Andy KB1OIQ, Stan KD1LE, Ralph KD1SM, John KK1X, Dan KW2T, Les N1SV, Ed N1YFK, Peter N1ZRG, Ken N3BGN, Michael NC1V, Paul NW1U, George W1JHR, Bob W1XP, Rod WA1TAC, Zack.

Tech Night

October Tech Night had several interesting themes. Skip K1NKR and Stan KD1LE made a presentation on Mesh Networking.

Bob W1XP talked about a simple Time Domain Reflectometer using a circuit from the ARRL Antenna Manual and an Oscilloscope. Then he demonstrated on several wires and cables.

Skip K1NKR talked about a Digital Television project he is working on.

K1BG Tower Work

On Sunday October 11th several NVARC members converged on the K1BG QTH to perform antenna maintenance including alignment, rotator replacement and dipole replacement. Photos Courtesy of John KK1X



After a "safety first" session by Bruce K1BG the entire crew works out the details of the work, prepares the items like the rotator, and collects the odds and ends that might be needed.



The crew fits the U-bolts and hardware to make sure everything is there and fits.



Photo Courtesy of John KK1X

Ralph KD1SM heads up the tower first always secured to the tower.



Photo Courtesy of John KK1X

Marc KB1EKE follows Ralph up the tower. First stop is to align the 15 and 20 meter side mounted yagi's.



Photo Courtesy of John KK1X

After aligning the 15 and 20 meter side mounted antennas Ralph and Marc head to the top of the tower to replace the rotator on the 40 meter antenna.

The crew consisted of Ralph KD1SM, Marc KB1EKE, Stan KD1LE, John KK1X, Bob W1XP, Bruce K1BG.

After the work Bruce treated the crew to pizza at a local establishment.

Upcoming MARS National Exercise

MARS Exercise to Simulate a Coronal Mass Ejection; Collaborate with Amateur Radio During Aftermath

Beginning the week of 8 November, the Army Military Auxiliary Radio System (MARS) will participate in a quarterly contingency HF exercise in support of the Department of Defense. MARS is a Defense Department sponsored organization of civilian amateur radio operators trained and equipped to provide emergency communications backup for defense support of civil authorities.

MARS is tasked with being the primary interface between the DOD and the amateur radio community for National Security/Emergency Preparedness events. The exercise scenario will simulate a CME event and focus on actions that radio operators should take prior to and following a CME event.

Training objectives for this exercise will include:

- Understanding what a CME is and how much forecast lead time can be expected prior to the CME.
- What effects are associated with a CME and what precautions should radio operators take prior to the CME to protect equipment
- Following the CME, operators will begin assessing the affects that resulted from the CME and begin reporting this information
- Interoperation with amateur radio operators and groups to assist in assessing the effects of the CME event.

Amateur radio operators, ARES, and RACES are encouraged to participate in this exercise; if you're group is interested in participating, please email me at: kathiwalbridge@comcast.net

For additional information you may contact:
 Kathi Walbridge K1WAL
 Public Affairs, Region One Army MARS
kathiwalbridge@comcast.net

October Board Meeting Notes

Board Meeting 10/1/2015

Peter N1ZRG, Rod WA1TAC, Ralph KD1SM, John KK1X, Ed N1YFK, Bob W1XP in attendance (Jim N8VIM in Finland)

- Need to announce in Signal that Ed N1YFK is the nominee for replacement board member
- Ralph contacted Justin Hughes KJ1H - Justin is available for November meeting - use of ham radio to coordinate high performance rally racing
- Nailed down Tech night to 7:30 starting time.
- Results of Tech night survey
- Positive responses for kit building, radio theory classes, open discussion, QRP kitbuilding, QRP SSB/Digital, antenna building, and MF/HF preamplifiers
- Lukewarm response for license upgrade, test equipment sessions, question-and-answer, SWR meter build, QRP CW, antenna tuners
- Negative responses for operating VE sessions, keyer kits
- Bob W1XP to write a report giving more in depth analysis for upcoming Signal

- Bob to do a demo of Time Domain Reflectometry at October Tech Night - Bruce K1BG proposed offering to send out QSL cards for other clubs' members for those who bring them to the card sort. While a nice gesture, the Board voted the suggestion down so as to not set a precedent that could be costly in the future and to preserve for members the benefits of club membership.

- \$80 budgeted for pizza and soda for QSL card sort night - GM3TCW nominated again for honorary membership. John KK1X to do the honors.

- List of membership benefits - generate a list at the next club meeting

John KK1X

Meeting Coffee Bar

Many thanks to Ken KB1UVP for picking up the coffee "bar" at the meetings. There's been an incremental increase in socializing, and that's what we meet for.

Don't forget to leave a donation if you partake.

NVARC Club Net

The NVARC Club Net meet's every Monday evening at 8 PM on the 442.900 Pepperell repeater. Stop in and bring your input and questions. Recent nets have been run by George KB1HFT/NCS. Attendees; Stan KD1LE, Skip K1NKR, Larry W1ESR, Leo K1LK, Jim N8VIM, Bob W1XP, Peter N1ZRG Dan K1RAU.

October Treasurers Report

Income for September was \$155 from Club membership dues and \$4 from ARRL membership renewals. Expenses were \$19.60 for postage leaving a net income of \$139.40.

Current balances:

General fund	\$3,258.49
Community fund	\$4,636.41

As of 1 October we have 47 members who are current with their dues and 16 renewals outstanding. Thank you to those of you who hand in your dues before Ralph comes to you. Please check your

renewal status on the roster circulated at the monthly meeting or ask Ralph.

If you are joining ARRL or renewing your membership please consider letting Ralph send in the paperwork for you. The Club will buy the stamp and will get a commission from ARRL. ARRL membership checks should be made payable to NVARC; Ralph deducts the Club commission before forwarding your paperwork to Newington. As an Special Service Club, the ARRL expects a majority of Club members to also be ARRL members.

Ralph KD1SM

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Flea Markets/Hamfests

October
16 NEAR-Fest Deerfield NH
18 Connecticut State Convention Meriden CT
18 Flea at MIT

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In The Old Day's

In the "Olden Days" when life was simple and fun.



Upcoming Contests

October

17 Worked All Germany Contest

17 South Dakota QSO Party

19-23 School Club Roundup

November

7-9 November Sweeps CW

21-23 November Sweeps Phone

28 CQ WW DX Contest CW

28-29 EME 50-1296 MHz

December

4-6 160 Meter

12-13 10 Meter

20 Rookie Roundup CW

26 Stew Perry Topband Challenge



**Nashoba Valley
Amateur Radio Club**

PO Box # 900
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<http://www.n1nc.org/>

President: Peter Nordberg N1ZRG

Vice President: Jim Hein N8VIM

Secretary: John Griswold KK1X

Treasurer: Ralph Swick KD1SM

Board Members:

Bob Reif: W1XP 2013-2016

Wolf Seidlich KA1VOU 2014-2017

Rod Hersh WA1TAC 2015-2018

Editor: Stan Pozerski KD1LE

Emergency Coordinator: Larry Swezey W1ESR

Photographer: Ralph Swick KD1SM

PIO: Roland Guilmet NR1G

Librarian: Peter Nordberg N1ZRG

Property Master: John Griswold KK1X

N1NC Trustee: Bruce Blain K1BG

Annual membership dues are \$15; \$20 for a family

Meetings are held on the 3rd Thursday of the month

7:30 p.m. - Pepperell Community Ctr.

Talk-in 146.490 simplex

442.900 + 100Hz Repeater battery power

147.345 + 100 Hz Repeater

53.890 – 100Hz Repeater battery power

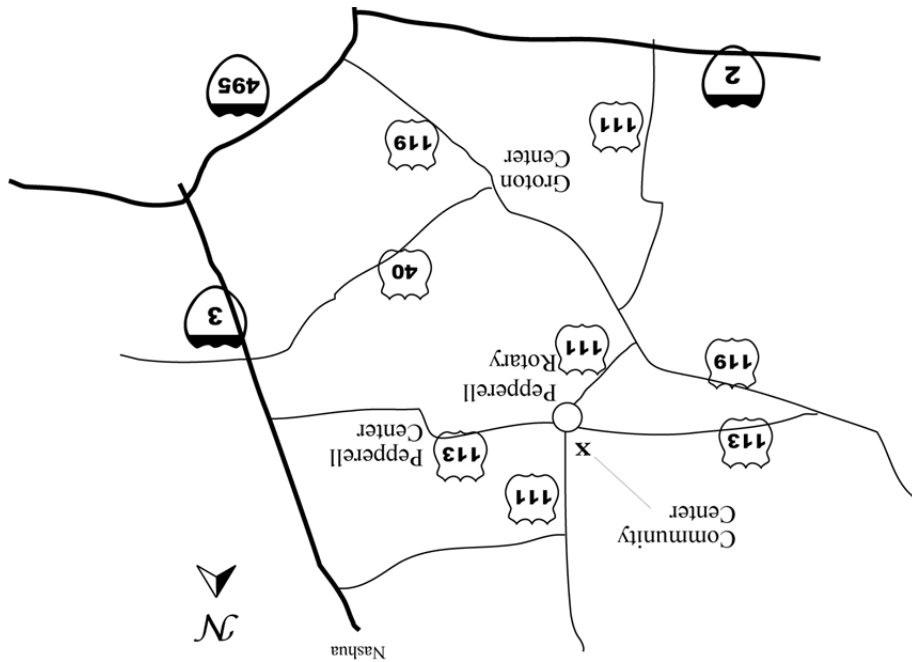
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