



SIGNAL



de NINC

June 2011 Volume 20 Number 06

This Month's Meeting

It's June, Field Day time, and the beginning of the summer hiatus so we have a couple of items for this month's meeting presentation. Roland NR1G will have a last-minute wrap-up of FD plans and preparations. Bruce K1BG has a talk on the design and implementation of a set of "SO2R style" multiple-rig-to-multiple-antenna switching boxes that we'll be using at Field Day. The switch will allow the CW and SSB stations to choose one of the six possible antennas if it is not in use. Bruce also has information for all of us on NVARC's activation of Highland Light on Cape Cod for International Lighthouse/Lightship Weekend the weekend of 20 August.

Bob W1XP will talk about the triplexor he built to allow a triband antenna (10-15-20 meters) to be used simultaneously by up to three radios, one on each band.

The meeting is Thursday June 16th at 7:30 and will be held at the Community Center. This is the last regular meeting before Field Day and the last meeting before the summer break. The next meeting will be September 15th

Last Month's Meeting

Last month's meeting presentation was "Interfacing to the CANbus" by Jim N8VIM. Jim gave introduction to the CANbus on his Jeep. This is the bus that controls all of the functions of the vehicle. He then explained how he connected the video output from his IC-7000 radio so that it could be displayed on the large dashboard display used for the navigation system output.

In attendance were? Sorry no attendance list was passed around.



From the President

The subject of changing the meeting start time to 7:00 PM was again discussed at the May meeting with one person present in favor of the earlier time. The rest of the members present were split between no preference and they would be unable to make it to the meeting on time if it started earlier. After further discussion it was decided to announce in the newsletter that we would discuss it this month (done). At the meeting (June) meeting we can have a final discussion and vote if necessary.

If we decide to change the time another consideration is our meeting place. We have the Community Center from 7:00 PM as there is a group scheduled before us. With the current arrangement we get in as soon as we can to set up and that gets us ready for the meeting at 7:30 PM. Changing to a 7:00 PM start would likely require finding another meeting place.

Stan KD1LE

Lantern Battery Challenge Results

At the May meeting a drawing was held from the LBC entrants that submitted a log. The drawing was for an ARRL Antenna Book which was donated by Bob W1XP. The winner was Peter N1ZRG.

NVARC Field Day 2011

Date: Saturday June 25 to Sunday June 26
Location: Heald Street Orchard Pepperell, MA
Lat, Long: 42.67, -71.6275
Entrance Lat, Long: 42.6715, -71.6282

Operating Category: 2 Alpha w/VHF/UHF and GOTA stations.

Schedule:

Setup: starts at 7:00 AM Saturday
Operating: Saturday 2:00 PM EDT to Sunday 2:00 PM EDT
Takedown: starts around 2:00 PM EDT Sunday

Field Day Chairman and Information Station:
Roland (NR1G)

Station Captains:

CW Station: Bob (W1XP)
Phone Station: John (KK1X)
VHF/UHF Station: Skip (K1NKR)
GOTA Station: Bruce (K1BG)

Antenna Coordination:

Stan (KD1LE) and Bob (W1XP)

Infrastructure Captain:

Power & Networking: Jim (N8VIM)
N1MM Logging: Bruce (K1BG)

Saturday Lunch for Setup Crew, Lynda (N1PBL)
Saturday Chicken BBQ: Leo (K1LK)
Sunday Breakfast: In process
Sunday Lunch: Leftovers

There are still plenty of things left to volunteer for. Contact station captains to reserve an operating slot. Any questions, comments or suggestions are appreciated and should be sent directly to me. Of the 60+ NVARC Members I have received 24 Yes's, 6 No's, and 30+ No Responses.

Pepperell Cable is showing a video of last years Field Day, with a slide giving this year's Field Day Dates. Catch it if you can.

73 de Roland, NR1G

NVARC Net

The NVARC net meets on 442.900 N1MNX repeater Mondays at 8:00 PM. The net is for sharing information and asking questions. Recent topics were a quiz on snow records, meeting programs, antenna suggestions for new hams

Bring your questions and topics for discussion so that we can all learn something.

Recent Check in's: N8VIM Jim NCS, K1NKR Skip, N1MNX Dave, KD1LE Stan, NW1U Paul, KB1HFT George, WR1G, Roland, W1LTN Dick, K1YTS Gary, KB1ESR Larry W1XP Bob, K1BG Bruce

PSLIST

See www.n1nc.org/Events for the latest information

Board Meeting

Meeting at the Community Center this month.

Road Cleanup this month June 19th at 8:00 AM

Roland discussed Field Day plans. Put together press releases. Update article for newsletter. There have been some new volunteers for the meal crew so the food situation is slowly being resolved. Lynda N1PBL is providing Saturday lunch. Leo K1LK who was doing Sunday breakfast is now organizing Saturday supper. He may also be doing Sunday breakfast but will need help.

Bruce reported he completed the 2 X 6 antenna switch to share the antennas between the Field Day CW and SSB station. Needs computers, network switch, monitors to set up the network and test. Discussed station locations. Test set up of radios, triplexor, antenna switching will be done a Rolands the weekend before Field Day after Saturday breakfast.

The proposed a Field Day budget of \$650 was approved at the May regular meeting as was the payment of the insurance.

Ralph update the Website to include Field Day information.

We received a thank you from the Townsend Lions Club for our support of the Canoe Race April 16th.

In attendance were Stan KD1LE, Roland NR1G (Field Day Chairman), Gary K1YTS.

Treasurers Report

Income for May was \$45 in membership renewals and one new Member plus \$3.36 in bank interest. Expenses were \$17.60 for Newsletter postage leaving a net income of \$30.76.

Current balances:

General fund	\$4,013.00
Community fund	\$4,336.41

As of 2 June we have 44 members who are current with their dues and 23 renewals outstanding. Please check your renewal status on the roster circulated at the monthly meeting or ask Ralph.

If you are not yet an ARRL member and are interested in joining, please consider letting Ralph send in the paperwork for you. The Club will buy the stamp and will get a commission from ARRL. If your ARRL membership is ready for renewal, you can let Ralph mail it in for you and the Club will still get a (smaller) commission. ARRL membership checks should be made payable to NVARC; Ralph deducts the Club commission before forwarding your paperwork to Newington.

Ralph KD1SM

ARRL Letter

Public Service: Central Massachusetts Experiences Rare Tornado, Area Hams Hasten to Help

At least two tornadoes touched down in Central Massachusetts late in the afternoon on Wednesday, June 1.



In Sturbridge, Massachusetts, state police officers survey the damage done by the tornado. [PJ Howe, N1PJ, Photo]

The storm pulverized or sheared off the tops of roofs on Main Street in Springfield, a city of more than 150,000, located about 90 miles west of Boston. A

debris-filled funnel swept into downtown from the west, then swirled across the Connecticut River, which runs through the city. Like their counterparts in Alabama and Missouri who responded when storms hit those regions, hams in Western Massachusetts volunteered their time and radios to the American Red Cross and the National Weather Service.

Public Service: ARES® Stands Down After Joplin Storms



Due to the end of the "search and recovery" mode after the EF5 tornado that struck Joplin, Missouri on Sunday, May 22, ARRL Missouri Section Emergency Coordinator Ken Baremore,

W0KRB, notified area hams that all Amateur Radio communications from the Emergency Operations Centers to the field operations have been stood down as of May 30. According to Baremore, officials are now focusing on debris and potential body part removal. "We do have some ARES® operators who are scheduled, and we will continue to work with SATERN through the rest of this week," he said. "I want to thank all of you who volunteered and came to Joplin to help with communications, as well as those of you who are still contacting me to see if additional help is needed."

Public Service: Radio Amateurs Assist American Red Cross, Served Agencies After Joplin Storm

On Sunday, May 22 at 5:41 PM, the single deadliest twister in almost 60 years -- and the second major



Damaged vehicles litter the parking lot of St John's Hospital in Joplin, Missouri, after a tornado hit the Southwest Missouri city on Sunday, May 22. According to reports, the tornado hit the hospital head-on. [Mike Gullett/AP, Photo]

tornado disaster in less than a month -- swept through the southwestern Missouri city of Joplin, slamming straight into St John's Regional Medical Center. The tornado killed at least 117 people. As soon as the storm cleared, area Amateur Radio operators responded to requests from the American Red Cross and local hospitals to provide communications support.

"On Sunday, right after the tornado hit, I received a call from the American Red Cross office in Springfield, asking for radio support," said ARRL Missouri Section Emergency Coordinator Ken Baremore, W0KRB. "I contacted Greene County Emergency Coordinator William Gilmore, KC0TCF, and asked him to join me in Springfield. We got there at 9 PM and used a newly installed 2 meter beam to talk to the Joplin repeater, establishing communications between the two American Red Cross offices. Cell phone coverage was spotty at best, but mostly non-existent, and the circuit was overloaded most of the time. We left about 12:30 AM."

Legislative News: Senate "Companion" Bill to HR 607 Avoids Impacting Amateur Spectrum



On Thursday, May 19, Senators Joe Lieberman (ID-CT) and John McCain (R-AZ) introduced S 1040 -- *The Broadband for First Responders Act of 2011* - in the Senate. While it has a similar objective

to HR 607 -- introduced in February by Representative Peter King (R-NY-3) -- this Senate bill, unlike HR 607, does *not* call for auctioning any portions of Amateur Radio spectrum. Both bills call for the allocation of the so-called "D block" of spectrum, 758-763 and 788-793 MHz, to facilitate the development of a public safety broadband network.

Legislative News: ARRL Testifies Before Congress on Interoperable Public Safety Network

The Subcommittee on Communications and Technology of the US House of Representatives invited the ARRL to testify at a hearing on "Creating an Interoperable Public Safety Network." ARRL General Counsel Chris Imlay, W3KD, appeared before the Subcommittee on Wednesday, May 25. "While this is not a hearing specifically on HR 607, it provides a

welcome opportunity to document our concerns about Section 207(d) of that bill," noted ARRL Regulatory Information Manager Dan Henderson,

Friends Use Ham Radio to Summon Help when Alaska Amateur Is Mauled by Bear

Wes Perkins, KLOFM, of Nome, Alaska, was seriously mauled by a grizzly bear during a hunting trip on Sunday, May 14. According to the Alaska State Troopers, Perkins and two friends had been tracking the bear east of Nome -- located on the Seward Peninsula -- when the big grizzly charged the group. Perkins' companions shot and killed the animal during the attack. Perkins was badly hurt, including severe injuries to his face. The hunters called for help using an Amateur Radio handheld transceiver.



While on a hunting trip with friends, Wes Perkins, KLOFM, was mauled by a grizzly bear. His friends called into a local repeater to summon help.

DXCC News: DXCC Desk Approves 2011 Andaman and Nicobar Island DXpedition



ARRL DXCC Manager

Bill Moore, NC1L, reports that the [2011 VU4PB DXpedition to the Andaman and Nicobar Islands](#) has been approved for DXCC credit. If you have any questions about this operation, please send an [e-mail](#) to the ARRL DXCC Desk.

FEMA Administrator Calls Amateur Radio "The Last Line of Defense"

In an [FCC forum](#) on earthquake communications preparedness, Federal Emergency Management Agency ([FEMA](#)) Administrator Craig Fugate described the Amateur Radio operator as "the ultimate backup, the originators of what we call social media." The forum-- held May 3 at FCC Headquarters in Washington, DC -- brought together officials from the White House, the Department of Homeland Security ([DHS](#)), the United States Geological Survey

(USGS), FEMA, the FCC and the private sector. Fu-



In an earthquake communications preparedness forum sponsored by the FCC, FEMA Administrator Craig Fugate praised Amateur Radio, saying "...when you need Amateur Radio, you really need it."

gate and

FCC Bureau of Public Safety and Homeland Security Chief Jamie Barnett gave the opening remarks.

Later in the forum, Fugate spoke more on Amateur Radio. "During the initial communications out of Haiti, volunteers using assigned frequencies that they are allocated, their own equipment, their own money, nobody pays them, were the first ones oftentimes getting word out in the critical first hours and first days as the rest of the systems came back up," he told the forum. "I think that there is a tendency because we have done so much to build infrastructure and resiliency in all our other systems, we have tended to dismiss that role 'When Everything Else Fails.' Amateur Radio oftentimes is our last line of defense."

Fugate said that he thinks "we get so sophisticated and we have gotten so used to the reliability and resilience in our wireless and wired and our broadcast industry and all of our public safety communications, that we can never fathom that they'll fail. They do. They have. They will. I think a strong Amateur Radio community [needs to be] plugged into these plans. Yes, most of the time they're going to be bored, because a lot of the time, there's not a lot they're going to be doing that other people aren't doing with Twitter and Facebook and everything else. But when you need Amateur Radio, you really need them."

You can watch a [video of the forum](#) on YouTube. Fugate's remarks begin at 18:55.

Amateur Radio in the Classroom: NASA and ARISS Reach Out to Educators



On May 19, the Education Office at NASA's Johnson Space Center's notified almost 20,000 US educators about the Amateur Radio on the International Space Station (ARRISS) Project.

According to ARRL ARISS Program Manager Rosalie White, K1STO, this kicks off the first of a number of new processes that the ARISS US team will put into motion to get educators more involved in the program, which coordinates Amateur Radio contacts between the ISS and educational institutions around the world. Read more [here](#).

On the Air: Russia Now Permits Reciprocal Licensing Through CEPT



On May 18, the European Communications Office (ECO) in Copenhagen added the Russian Federation to the list of countries

that accept the CEPT reciprocal operating arrangements. This means that US hams who hold an FCC-issued General, Advanced or Amateur Extra class Amateur Radio license may operate in Russia, as well as the other countries covered by the European Conference of Postal and Telecommunications Administrations (CEPT), subject to the regulations in force in the country visited..

Adopt A Highway

On Sunday May 22nd we held our Road Cleanup. The next cleanup will be June 19th at 800 AM. Meet at the river common.

Thanks to Leo K1LK, Stan KD1LE and Rod WA1TAC who turned out for the May cleanup;

Upcoming Contests

Upcoming contest information - domestic

Credit to Bruce Horn WA7BNM for all information.
For more information visit
<http://www.hornucopia.com/contestcal/contestcal.html>

June 2011

NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Jun 15
<http://naqcc.info/sprint201112mw.html>

WV QSO Party 1600Z, Jun 18 to 0200Z, Jun 19
<http://www.qsl.net/wvsarc/2010wvqp/wvqp2010.htm>

Kid's Day Contest 1800Z-2359Z, Jun 18
<http://www.arrrl.org/kids-day>

NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Jun 22
<http://naqcc.info/sprint201112mw.html>

ARCI Milliwatt Field Day 1800Z, Jun 25 to 2100Z, Jun 26
<http://www.qrparci.org/content/view/6870/118/>

ARRL Field Day 1800Z, Jun 25 to 2100Z, Jun 26
<http://www.arrrl.org/field-day>

Upcoming QRP Contests N2CQ QRP Contest Calendar

NAQCC-EU Monthly Sprint (CW) ***QRP Contest
JUNE 14, 1800z to 2000z
Rules: <http://naqcc-eu.org/sprints>

NAQCC Straight Key/Bug Sprint (CW) QRP Contest
EDT: June 14, 8:30 PM to 10:30 PM
UTC: June 15, 0030Z to 0230Z
Rules: <http://naqcc.info/contests.html>

WV QSO Party (SSB/CW)... QRP Category
June 18, 1600z to June 19, 0200z
Rules: <http://www.qsl.net/wvsarc/>

AGCW VHF/UHF CW Contest ... QRP Category
June 18, 1600z to 1900z (144 Mhz)
June 18, 1900z to 2100z (432 Mhz)
Rules: http://www.agcw.org/en/?Contests:VHF-UHF_Contest

Feld Hell Club Sprint (Feld Hell) ... QRP Category
Jun 18, 2000z to 2200z
Rules: <http://sites.google.com/site/feldhellclub/Home>

RUN FOR THE BACON (CW) QRP CONTEST
EDT: June 19, 9 PM to 11 PM
UTC: June 20, 0100z 0300z
Rules: <http://fpqrp.org/>

UBA Foxhunt (CW/PSK31/SSB) *** QRP Contest ***
June 20, 1930z to 2030z
Rules: <http://www.on5ex.be/foxhunt/foxhunt.html>

SKCC Sprint (Straight Key CW) ... QRP Awards
June 22, 0000z to 0200z
Rules: <http://www.skccgroup.com/sprint/sks/>

NAQCC Milliwatt Straight Key/Bug Sprint (CW) ***
QRPP Contest ***
EDT: June 21, 8:30 PM to 10:30 PM
UTC: June 22, 0030Z to 0230Z
Rules: <http://naqcc.info/contests.html>

CWops Mini-CWT Test (CW) ... QRP Category
June 22, 1300z to 1400z and
June 22, 1900z to 2000z and
June 23, 0300z to 0400z
Rules: <http://www.cwops.org/onair.html>

Ukrainian DX Digi Contest (RTTY 75bps- PSK63)
June 25, 1200z to June 26, 1200z
Rules: <http://www.izmail-dx.com/>

Marconi Memorial Contest (CW) ... QRP Category
June 25, 1400z to June 26, 1400z
Rules: http://www.arifano.it/Contest_Marconi.htm

ARRL Field Day (CW/SSB/RTTY)... QRP Category
June 25, 1800z to June 26, 2059z
Rules: <http://www.arrrl.org/field-day>

QRP ARCI Milliwatt Field Day (ALL)... QRP Contest!
June 25, 1800z to June 26, 2059z
Rules: <http://www.qrparci.org>

UBA Foxhunt (CW/PSK31/SSB) *** QRP Contest ***
June 27, 1930z to 2030z
Rules: <http://www.on5ex.be/foxhunt/foxhunt.html>

RAC Canada Day Contest (CW/SSB) ... QRP Category
Jul 1, 0000z to 2359z
Rules: <http://www.rac.ca/service/contesting/>

DL-DX RTTY Contest (RTTY/PSK)
Jul 2, 1100z to Jul 3, 1059z
Rules: <http://www.drcg.de/>

Original QRP Contest (CW) ... QRP Contest!
Jul 2, 1500z to Jul 3, 1500z
Rules: <http://www.qrcc.de/contestrules/oqrpr.html>

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Firecracker Sprint (PSK31 40M) ... QRP Category  
Jul 2, 2000 to Jul 3, 0200 (Local Time)  
Rules: <http://www.podxs070.com/contest-calendar>  
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UBA Foxhunt (CW/PSK31/SSB) *** QRP Contest ***
Jul 4, 1930z to 2030z
Rules: <http://www.on5ex.be/foxhunt/foxhunt.html>
~~~~~

MI QRP Fourth of July Sprint (CW) ... QRP Contest!  
Jul 4, 2300z to Jul 5, 0300z  
Rules: <http://www.qsl.net/miqrclub/contest.html>  
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Adventure Radio Spartan Sprint (CW) ... QRP
Event!
Jul 5, 0100z to 0300z (First Monday 9 PM EDT)
Info: [http://adventure-
radio.org/wiki/index.php?title=Spartan_Sprints](http://adventure-radio.org/wiki/index.php?title=Spartan_Sprints)
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Summer FOX Hunt - QRP 20M CW... QRP Contest!  
EDT: July 7, 9 PM to 1029 PM  
UTC: July 8, 0100z to 0229z  
Info: <http://www.qrpfoxhunt.org/>  
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Thanks to SM3CER, WA7BNM, N0AX(ARRL),
VA3JFF& G4GXL (QRPARCI)
N2APB (AmQRP), WB3AAL (EPAQRP) and others
for assistance in compiling this calendar.

73 de KK1X

2011 Flea Markets/Conventions

6/18 NARLfest, Newington CT
6/19 MIT
7/17 MIT
7/23 Yankee Peddler, North Haven, CT

Advertisements

Your advertisement could be here.

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should contact the NVARC Treasurer for infor-
mation.



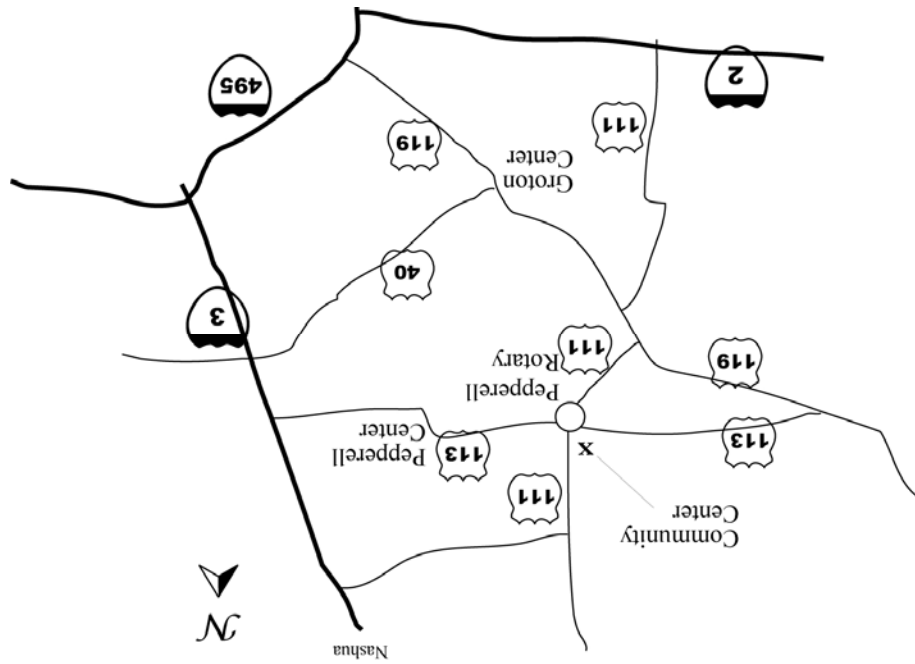
Nashoba Valley Amateur Radio Club

PO Box # 900
Pepperell Mass 01463-0900

<http://www.n1nc.org/>

President: Stan Pozerski KD1LE
Vice President: Bruce Blain K1BG
Secretary: John Griswold KK1X
Treasurer: Ralph Swick KD1SM
Board Members:
Joel Magid W1JMM 2009-2012
Bob Reif: W1XP 2010-2013
Skip Youngberg K1NKR 2011-2014

Editor: Stan Pozerski KD1LE
Emergency Coordinator: Larry Swezey KB1ESR
Photographer: Ralph Swick KD1SM
PIO: Dave Peabody N1MNX
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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Nashoba Valley Amateur Radio Club

PO Box 900

Pepperell, MA 01463-0900

