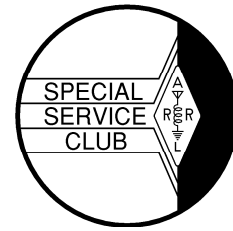




SIGNAL



de NINC

June 2006 Volume 15 Number 6

This Month's Meeting

This month's meeting will be a presentation by Ann WA1S on the K7C Kure Island DXpedition which she participated in.



Courtesy WA1S

Last Month's Meeting

Last month's meeting program was a presentation by Den KD2S "An Introduction to NIMS/ICS Training." Den gave introductions to ICS-100 and IS-700 courses including what are National Incident Management and Incident Command. How we use these structures at the local level. What is this training? Why FEMA would like all volunteers to have this training and how to obtain materials and certifications.

The Field Day budget was approved.

Field Day is Fast Approaching

Larry KB1ESR and Peter N1ZRG have been planning for Field Day 2006 June 24-25. We will be running 2A this year with SSB/Digital, CW, GOTA, and

UHF/VHF stations. Location will be the Pepperell conservation land apple orchard on Heald St.

With most of the basics accounted for what they need most is a good turnout. So plan on attending. Set up will likely start Friday afternoon to put some equipment and antennas in place and will finish up Saturday morning.

On air operations start 2 PM Saturday afternoon.



Courtesy KD1SM

Night Operations 2005



Courtesy KD1SM

NVARC by Air 2005

Come out and operate a new mode, log contacts, help setup or takedown, or observe.

Board Meeting

Board meeting discussions.

Grotonfest application received.

Field Day preparations.

Badges made.

Letter from Groton American Legion thanking us for support for the Memorial Day Parade.

Stan gave John a number of club related newspaper articles to go in the archives.

Ralph gave the financials which are in his full report elsewhere.

There was a discussion about making a more consistent connection with local Scout Troops to promote Amateur Radio.

Thanks to Richard KB1MBR who donated a lawnmower to the repeater maintenance team. The old mower had given up the ghost recently.

In attendance Stan KD1LE, Joel W1JMM, Ralph KD1SM, Peter N1ZRG, Larry KB1ESR, John KK1X.

Parker Road Race

May 21st NVARC supported the Parker Essential School Road Race. This was our 11th year. With the rainy spring we were lucky and the morning was sunny. By the end of the events it had clouded over and on the way home it started to rain. What planning. We provided course safety, setup verification for water stops, timer synchronization, lead runner information and course clear/last runner tracking.



Courtesy KD1SM

Thanks to the following for making this another well run NVARC activity; (L-R) NANCY KB1KEF, Dave N1MNX, Stan KD1LE, John KK1X, Larry KB1ESR, Barry W1HFN, Dwight AA1MT, Gary K1YTS, Ralph KD1SM (behind the camera), Joel W1JMM (already move to his assignment.)

The race committee thanked us with lunch and tee shirts. They also thanked us stating that we bring command and control to the courses that they would not have otherwise.

Groton Road Race

The weather could not have been better for the 15th annual Groton Road Race. We fielded our largest volunteer crew yet; 39 Amateur Radio operators came to Groton to help with communications for this event.



Courtesy KD1SM

The crew starts arriving at sunrise

There were 740 runners participating in the 5k race and 446 runners participating in the 10k race on a gorgeous Sunday mid-day.



Lt Rooney and Larry KB1ESR getting organized



And off they go

The NVARC members who participated were Bob AB1CV, Gary K1YTS, Karen KA1JVU, Larry KB1ESR, Nancy KB1KEF, Stan KD1LE, Ralph KD1SM, Den KD2S, John KK1X, Daniel N1LLG, Dave N1MNX, Jim N8VIM, Joel W1JJM, Bob W1XP, and Earl WR1Y.



Above Stan KD1LE and Bruce KC1US at net control. The radios for the nets are in the right foreground.

MARA members Jerry AA2T, Ray KB1LRL, Charlie KT1I, and Gordon N1MGO.

BARS members Brian AB1EF, Pete K1SUB with Rachael, William K1WD, Cathy KB1EET, Jim N1HTS, Rob N1ICB, Michael N1IW, and Ken WO1N.

plus
Carsten KB1KTP, Bryce KB1LQC, Brent KB1LQD, Brian KB3AWM, Bruce KC1US, Chuck N1LDL, Phil N1MOR, Bob N1RXV, Art NF1A, Bob W1OJP, Jim W6ZF and Tom WA1RHP. All told we provided over 150 volunteer hours.

Groton Police Lieutenant Jack Rooney personally thanked as many of the operators as he could visit along the course. He emphasizes that he would not be able to let this event run without the support of Amateur Radio, as he relies on personnel from many non-Groton agencies to supplement the Groton Police personnel. Our radio communication is critical to coordinating all the different agencies who control the traffic points along the course.

A new 10k course was laid out this year. We were initially concerned about 2 meter simplex coverage over this new course, as Gibbett Hill is right in the center of the new course. Stan KD1LE and Bob W1XP did tests several weeks before the event and determined that handhelds could be heard at the Net Control position from all the designated checkpoints. We had the N1MNX 2 meter repeater for backup in case of interference or other problems on the primary simplex channels.

Sincere thanks to all of the operators who volunteered this year.

-Ralph KD1SM

Flood Recovery Support

Congratulations to Gary K1YTS who helped support the Red Cross Damage Assessment Teams operating out of Peabody during the recent flooding in May.

Groton Memorial Day Parade

On May 29th members provide public address for the Groton Memorial Day Parade. We provided fixed public address systems at two locations and a mobile unit for two other locations along the parade route. The mobile unit also moved to a third location to cover the Groton 350th time capsule ceremony.



Minutemen march from the Burial Ground after saluting the Revolutionary War dead

Advertisements

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Tell them you saw it in the Signal. Advertisers should contact the NVARC Treasurer for information.

Treasurers Report

Income for May was \$95 in membership dues and \$1.57 from bank interest. Expenses were \$295 for patches, \$15.60 for newsletter postage, and \$1.30 for dues reminders leaving a net expense of \$215.33 for the month.

Current balances:

General fund	\$4396.74
Community fund	\$2071.83

As of 8 June we have 56 members who are current with their dues and 8 renewals outstanding. Please check the member roster that is circulated at the monthly meeting if you do not remember your renewal date. Your membership date also appears on your newsletter mailing label.

If your ARRL membership renewal is coming up, leave your renewal with me at a Club meeting and the Club will pay the postage. As a Special Service Club, the ARRL lets us retain a small portion of the dues that we forward to them.

Ralph KD1SM

PSLIST April 11

Date	Location	Event	Contact	Tel/Email
Jul				
1	Princeton	Fitchburg Longsjo Classic	Ralph KD1SM	978-582-7351 kd1sm@arrl.net
2	Fitchburg	Fitchburg Longsjo Classic	Ralph KD1SM	978-582-7351 kd1sm@arrl.net
4	Chelmsford MA	4th of July Parade	Darrel K1EJ	978-251-4805 k1ej@arrl.net

NVARC Club Net

The club net meets on the 442.900 repeater. Recent participants include Dave N1MNX, Bob W1XP, Bob AB1CV, Joel W1JMM, John KK1X, Larry KB1ESR, Skip K1NKR, Gary K1YTS, Ralph KD1SM, Stan KD1LE, Don AB1DS, Les N1SV, Richard KB1MBR, Ken K1JKR, Erik W1ZBT, Dan N1LLG and Peter KB1LZH.

Gary K1YTS reported Townsend will be running NIMS 700 training June 13 at 6 PM and ICS 100 training June 27 at 6 PM at the Fire Station in Townsend. Contact Gary or Shirley Coit, Townsend Emergency Management Director.

Recent discussions were on Field Day preparations, repeater work, meeting information, tools needed, possible field trip destination, Groton Memorial Day Parade, Hosstraders.

The net is a good place to bring information for the club and questions or discussions. The net meets at 8:00 PM Monday evenings on the 442.900 N1MNX repeater.

Adopt-A-Highway

The next road cleanup is Saturday June 17th after breakfast.

Thanks to the following members for their participation in last months cleanup Ralph KD1SM, Peter N1ZRG, Stan KD1LE, Erik W1ZBT, Larry KB1ESR, and Cindy.

We meet at the Nashua River common at 9:00 AM.

ARRL Letter

AMATEUR RADIO VOLUNTEERS RESPOND FOLLOWING INDONESIAN EARTHQUAKE

Amateur Radio operators in Indonesia are providing emergency communication for relief operations in the wake of a 6.3 magnitude earthquake May 27 affecting Yogyakarta and surrounding area. The quake has left more than 6200 people dead, injured more than 30,000 and leveled entire communities. Some 650,000 people are reported homeless. Indonesia's International Amateur Radio Union (IARU) membership, the Organization of Amateur Radio for Indonesia (ORARI) has been coordinating an emergency communication network comprised of so-called "Zulu Stations" and individual volunteer radio amateurs. As is the practice in Indonesia, ORARI has designated several zulu-suffix emergency communication stations to handle disaster-related traffic on HF and VHF.

"Beside several local emergency zulu stations and operators, there is an emergency zulu station portable from Jakarta, YC0ZRA, operated by Achmad Sanusi, YCOLJH, and Budi Sabara, YCOCSR," reports Wyn Purwinto, AB2QV. A native of Indonesia, Purwinto has been gathering information on the disaster response from his home in New York. He says the portable station also supports the Indonesian Offroad Federation (IOF) with its heavy-duty all wheel drive vehicles. IOF volunteers transported food and supplies following the 2004 tsunami.

Purwinto reports that several radio amateurs and their families in the Yogyakarta area were among the thousands affected by the earthquake, hindering their ability to help with any emergency operations. "But more hams coming from other districts day by day," he said this week.

Soejat Harto, YB6HB, a physician, has joined a ham radio emergency medical team in Yogyakarta. Purwinto notes that Dr Harto was among the Amateur

Radio volunteers who helped in the tsunami disaster relief effort in Aceh and North Sumatra.

Praharto, YB2BFZ, of the ORARI branch in Banyumas, 200 km west of Yogyakarta, has deployed his emergency radio communicator (ERC) team to Yogyakarta with generators. Several ERC teams from the Indonesian capital of Jakarta, Bekasi and the W Java provincial capital of Bandung headed to Yogyakarta this week to offer additional support.

Deta, YB2VTO, just back from Bantul to check on family and friends, reports that local emergency communication is taking place on two ORARI VHF repeaters that cover the whole disaster area. Zulu stations YC2ZEB in Bantul, YC2ZEJ in Yogyakarta and YC2ZES are handling whatever traffic there is. Zulu station YC2ZEB is on HF from Bantul, where local radio amateurs installed an 80-meter dipole.

Purwinto is updating his "Emergency Communication in Yogyakarta" Web page <<http://www.qsl.net/ab2qv/yogya.htm>> with information he's compiled on the Indonesian ARES response to the earthquake.

Relief volunteers still in Indonesia since the 2004 tsunami have shifted their efforts to aiding earthquake victims. The United Nations and various relief agencies, including the Red Cross and the Global Rescue Network, have begun transporting food, water and other basic supplies to the affected region. Electrical power and telecommunication services are said to be still erratic.

SKYWARN VOLUNTEERS RECEIVE NOAA ENVIRONMENTAL HERO AWARD

South Florida SKYWARN Coordinator Don Morris, KG4JHH, of Miami, and his South Florida SKYWARN team have received a 2006 NOAA Environmental Hero Award for outstanding volunteer service during the 2005 hurricane season. Morris and his SKYWARN team volunteered more than 100 hours to staff Amateur Radio station WX4MIA, located at the NOAA National Weather Service (NWS) Weather Forecast Office in Miami. The volunteers gathered real-time hurricane damage and weather reports, disseminated NWS information and warnings and verified NWS warnings with on-the-spot information.

"The intent of the award is to recognize all of us who have worked on SKYWARN and/or WX4MIA," said Morris, who accepted the plaque during a May 22 presentation. "Local Amateur Radio is the main infrastructure we depend on for SKYWARN. It is way cool to be part of it." Morris also credited those who

filed reports by telephone, Internet or fax or who have "just been ready if needed."

Along with other SKYWARN volunteers and even family members, Morris kept the WX4MIA severe weather net in constant operation as Hurricane Katrina moved ashore near Hallandale Beach and then southwest across Miami-Dade County. He did the same thing for Hurricane Wilma, staying all night right through landfall around 6 AM in Collier County and through noon when Wilma finally moved off the Palm Beach County coastline near Jupiter.

Over the years, NOAA said, Morris has volunteered hundreds of hours as "the voice" of WX4MIA, soliciting storm reports and disseminating the latest warnings and statements for hurricanes and severe storms.

Established in 1995 and given annually in conjunction with Earth Day, the Environmental Hero Award is presented to individuals and organizations volunteering their time and energy to help NOAA carry out its mission.--NOAA; Evelyn Gauzens, W4WYR

ISS ASTRONAUT HONORED FOR WORKING ALL STATES, INSPIRING OTHERS FROM SPACE

International Space Station Expedition 12 Commander Bill McArthur, KC5ACR, has been honored as the first astronaut to work all states from space and for inspiring others through his ham radio activities from NA1SS. McArthur, who returned to Earth in April, received an ARRL Worked All States (WAS) plaque during a May 25 ceremony at Johnson Space Center in Houston. During his six-month duty tour, McArthur became the most active radio amateur ever to serve aboard the ISS. His track record from NA1SS is impressive: In addition to WAS, he handled a record 37 Amateur Radio on the International Space Station (ARISS) school contacts, worked all continents, including Antarctica, on both VHF and UHF--and racked up QSOs with some 130 DXCC entities.

"The Amateur Radio on the ISS program was developed to inspire students--our next generation of explorers--through Amateur Radio communications with the ISS crew," remarked ARISS International Chairman Frank Bauer, KA3HDO, who presented the WAS plaque to McArthur. "Using Amateur Radio, the Expedition 12 crew took the worldwide community of radio amateurs, the school students and the general public to unprecedented heights."

The last QSL McArthur needed to confirm WAS--from Wyoming--arrived at ARRL Headquarters not long before the end of his ISS duty tour. McArthur

also logged a phenomenal number of casual contacts with earthbound radio amateurs--more than 1800 in all. Bauer noted that McArthur "was very approachable" with students during the ARISS school contacts. "He inspired them with his vision, quick wit and sense of humor."

Bauer said McArthur motivated hams and non-hams alike through his on-the-air activity. He told of hearing from a teacher in Orlando who said one of his students added Advanced Placement Physics to her course schedule after participating in an ARISS school contact. In another inspirational instance: When a prospective licensee learned he could speak to the ISS via ham radio, he studied and passed his Amateur Radio examination and made a contact with McArthur at NA1SS in March, Bauer said.

"Throughout this expedition, Bill McArthur's enthusiasm for the ham radio hobby kept bubbling to the surface," Bauer said, calling McArthur's ham radio accomplishments from NA1SS "a testament of success."

"All who have been touched by your efforts will remember their special ISS connection for the rest of their lives," Bauer concluded.

* Radio amateurs take part in National Communications System training: ARRL members Gary Sessums, KC5QCN, Dale Stauffer, W4DS, and Jim La Follette, WB4WBL, last week demonstrated digital and voice capabilities of a Shared Resources (SHARES) Transportable Auxiliary Radio Station (STAR) at a National Communications Systems (NCS) training session. The week-long Emergency Support Function 2 (ESF-2) training session at Homestead Air Reserve Base in Florida was developed in the aftermath of Hurricane Katrina. It was specifically designed to prepare ESF-2 responders at the federal level to function effectively when called into action to support the National Response Plan. SHARES stations are NCS assets that deploy with "fly-away" HF radio packages to disaster scenes to provide communication support to the federal government. Sessums, Stauffer and La Follette are SHARES stations through their involvement with the Military Affiliate Radio System (MARS) and the Civil Air Patrol (CAP). They set up portable HF SHARES stations operating on generator power, erected near-vertical incidence skywave (NVIS) wire antennas and made voice and digital HF radio contacts around the US as part of the program. Sessums and La Follette are members of the Hillsborough County, Florida, ARES/RACES team that deployed to Hancock County, Mississippi, last August to support Hurricane Katrina recovery operations. Sessums is Hillsborough County ARRL Emergency Coordinator.

NEW ENGLAND AMATEUR RADIO VOLUNTEERS WRAP UP AFTER FLOODING

Amateur Radio Emergency Service (ARES) volunteers this week began wrapping up response-phase operations in the wake of major flooding earlier this month in New England. They also assisted with damage assessment. The flooding in southeastern New Hampshire and northeastern Massachusetts has been called the region's worst in 70 years.

On May 18 and 19, the Massachusetts Bay Red Cross Chapter requested Amateur Radio communication support for damage assessment, and on May 20, the Northeast Massachusetts Red Cross Chapter requested ARES support for vehicle-to-vehicle communication to help facilitate distribution of clean-up and care kits to coastal communities north of Boston.

Amateur Radio volunteers utilized repeaters in Gloucester and Danvers. Some 20 ham radio volunteers took part, under the leadership of North Shore ARES District Emergency Coordinator Eric Horwitz, KA1NCF, and North Shore ARES Emergency Coordinator Jim Palmer, KB1KQW. For portions of the operation, net control was established at the Bridgewater EOC.

"We are lucky to have a strong relationship with the Bridgewater EMA and to have the EOC as a hub for Eastern Massachusetts ARES Emergency Communications when required," said Carl Aveni, N1FY, ARRL Eastern Massachusetts Assistant Section Manager and South Shore ARES District Emergency Coordinator Aveni said. Herb Lemon, KC1ZW, is Bridgewater's emergency management director.

Just as flood operations began winding down, the first widespread severe weather outbreak of 2006 began the evening of May 21. Recounted Eastern Massachusetts Section Emergency Coordinator Rob Macedo, KD1CY: "The incident happened so quickly, we self-activated our nets and fed reports of damaging winds and large hail via the spotter line and the Web." Once things started happening, Macedo, who's also SKYWARN coordinator, said there wasn't time to activate the ham station at the National Weather Service (NWS) office in Taunton, Massachusetts. SKYWARN nets took to the airwaves on almost a dozen repeaters in the region.

Reports of downed trees and wires, including some that had fallen on cars and houses, were received in eastern and central Massachusetts. Penny to quarter-sized hail was reported in communities in northern Connecticut, Rhode Island and central and east-

ern Massachusetts along with scattered power outages. Waterspout were reported off Portsmouth, Rhode Island, and a over a lake in Hardwick, Massachusetts. A brief but intense F2 tornado was reported in Hampton Falls, New Hampshire.

Four injuries were reported in the NWS Taunton warning area as a result of the severe weather May 21.

ARRL'S "HELLO" CAMPAIGN A HIT AT NAB, RTNDA CONVENTIONS

When the National Association of Broadcasters (NAB) and the Radio-Television News Directors Association (RTNDA) met in Las Vegas for their annual conventions in late April, the ARRL was well represented. ARRL President Joel Harrison, W5ZN, headed the League contingent. Media and Public Relations Manager Allen Pitts, W1AGP, Pacific Division Director Bob Vallio, W6RGG, and Vice Director Andy Oppel, N6AJO, rounded out the delegation. The presence of thousands of broadcasters offered Pitts an ideal opportunity to promote the ARRL "Hello . . . -- Celebrating 100 Years of Voice over Radio Worldwide" public service announcements. Pitts gauged success on the basis of what he *didn't* end up taking home.

"I carried 60 full 'Hello' press books containing news releases, information and PSAs to the NAB," Pitts said. "At the end of the three days only one was left, and that went to a radio station manager I met in the airport going home." Pitts reports he's been hearing from hams, engineers and radio station managers that the PSAs are airing on cable systems and radio stations. In addition, of the 4500 brochures he took to the convention, he had but 300 left.

The highlight each year for radio amateurs attending the NAB convention is the ham radio operators' reception, sponsored this year by Bob Heil, K9EID, of Heil Sound Ltd. Some 2000 radio amateurs with broadcasting industry connections attended the April 26 affair.

The big news at this year's reception was that Heil will be inducted next month into the Rock and Roll Hall of Fame in Cleveland, Ohio. A veteran music industry soundman and sound reinforcement innovator, Heil has worked with some of the biggest names in the entertainment industry, including Chuck Berry, The Who, the Grateful Dead, Joe Walsh, WB6ACU, and ZZ Top.

NAB Vice President of Science and Technology John Marino, KR1O, co-hosted the event.

ARRL President Harrison greeted the gathering on behalf of the League and spoke briefly about the changes and challenges Amateur Radio faces in the 21st century.

Charlie Wooten, NF4A, was honored as Clear Channel Communications "National Engineer of the Year," and Heil presented him with a microphone bearing Wooten's call sign. Pitts credits Wooten with getting the "Hello" campaign PSAs on many Clear Channel radio stations.

Pitts said he found a lot of interest in the "Hello" campaign among those attending the broadcasters' gatherings. "But it takes more than just passing out disks to make it on the air," he added. "It takes a personal contact, and that's why we need continued action by our public information officers nationwide."

Flea Markets

June

2 Feeding Hills MA
 3 Hermon ME
 11 Newington ARL, Newington CT
 18 MIT

July

8 Pen-Bay ARC ME
 16 MIT
 22 NE Antique Radio Club

Aug

12 Piscataquis ARC ME
 19 STARC Tail-Gate Hamfest St Albans VT
 20 NoBARC Fleamarket Northern Berkshire ARC
 20 MIT
 25-27 NE Division Convention Boxboro

September

10 SEMARA Dartmouth MA
 16 RI Amateur FM Repeater Service Flea Market
 North Smithfield RI
 17 MIT
 17 Candlewood ARA Newtown CT

Contest Calendar and DXpeditions

The information for a DXpedition can be quite detailed and may include bands, dates, number of stations, and times of day they plan to work certain continents so I can not list it all here. But if a country or prefix is of interest you can get more information at www.425dxn.org.

June

17-18 All Asian DX Contest CW
 SMIRK (6 M) QSO Party
 West Virginia QSO Party CW/SSB
 Quebec QSO Party CW/Digital/Voice
 18 Spanish Islands Contest CW/SSB/RTTY
 24-25 ARRL Field Day
 QRP ARCI Milliwatt Field Day

July

1-2 DL-DX RTTY Contest RTTY/PSK31/PSK63
 8-9 IARU HF World Championship CW/SSB
 15-16 CQ WW VHF Contest
 North American QSO Party RTTY

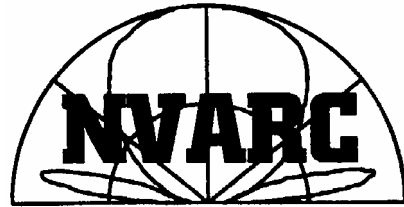
Aug

5-6 ARRL UHF Contest
 19-20 ARRL 10 GHz and up Contest

DXpeditions

Call	Location	Until
7Q7WW	Malawi	23 June
CU8F	Flores Island	29 July-8 Aug
9V1CW	Singapore	2008
T68G	Afghanistan	March 2007

See www.425dxn.org for more listings



**Nashoba Valley
Amateur Radio Club**

PO Box # 900
Pepperell Mass 01463-0900

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

President: Stan Pozerski KD1LE
Vice President: Peter Nordberg N1ZRG
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Treasurer: Ralph Swick KD1SM

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Les Peters: N1SV 2005-2008
Joel Magid W1JMM 2006-2009
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Photographer: Ralph Swick KD1SM

PIO: Dave Peabody N1MNX

Librarian: Peter Nordberg N1ZRG

Property Master: John Griswold KK1X

N1NC Trustee: Bruce Blain K1BG

Meetings are held on the 3rd Thursday of the month

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

Talk-in 146.490 simplex

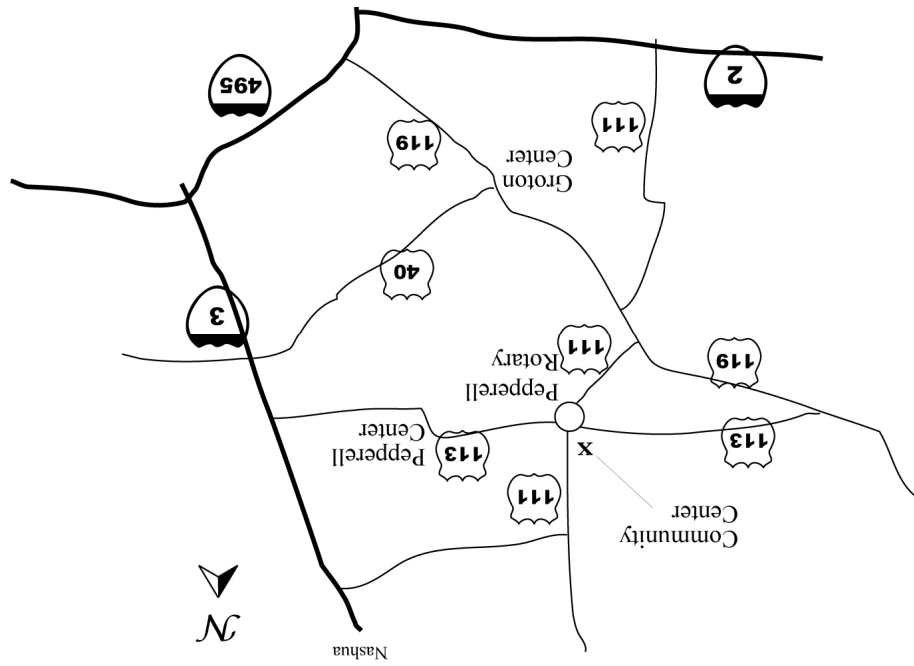
442.900 + 100Hz Repeater

147.345 + 100 Hz Repeater

53.890 - 100Hz Repeater

This newsletter is published monthly. Submissions, corrections and inquiries should be directed to the newsletter editor. Articles and graphics in most IBM-PC formats are OK.

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Nashoba Valley Amateur Radio Club

PO Box 900

Pepperell, MA 01463-0900