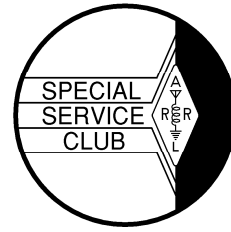




STEWAL



de NINC

August 2011 Volume 20 Number 08

This Month's Meeting

There is no August club meeting.

The next regular meeting will be Thursday September 16th at 7:30 and will be held at the Pepperell Community Center.

Last Month's Meeting

There was no July Meeting.

From the President

I hope everyone is having a safe and fun summer. When we start up in September I encourage everyone to contribute to the success of the club. Whether it is an article for the newsletter, support for an activity, a presentation for a meeting, or a show and tell. Everyone can contribute.

Stan

Lantern Battery Challenge

Well it's August and summer is half over. Sooner than we think, we'll be raking leaves and thinking about where we put the snow shovel. So it's not too soon to start thinking about the Third Annual NVARC Lantern Battery Challenge. This year we have added a new twist. We have invited two local clubs to join us in the fun. So I hope those that have joined in on the fun in the past will participate again and that more of us will join in on the fun. Remember that sign up is in September and that the activity starts after the close of the club's October meeting and runs to the first of March. The Operating Parameters (some may call them rules) are posted on the club web page. WWW.N1NC.ORG We may do a bit of revision before the start but we will announce any changes before the start of the event.

So now is the time to make those changes to the antenna or start working on the new low current drain receiver. Or you may be just planning your strategy for this year. But do plan to join the NVARC Lantern Battery Challenge this year.

Till next time, 73 Bob W1XP

NVARC Cookout

Thanks to Cindy and Larry KB1ESR for hosting the club cookout. The weather was great, everyone had a good time and plenty to eat.

The following members attended the cookout. Roland NR1G, Jim N8VIM, Bob W1XP, Karen KA1JVU, John KK1X, Peggy, Stan KD1LE, Lynda N1PBL, George KB1HFT, Peter N1ZRG, Gary K1YTS.

NVARC Field Day 2011

NVARC Field Day 2011 – Part 2

Last months photos took us from the start of Field Day to dinner time. Let's pick up the narrative right from there.



Photo courtesy James Hein, N8VIM.

Rob Rand of the Pepperell Conversation Commission receives an NVARC Mug from Roland, NR1G

for his efforts to prepare the site. He did the bulk mowing and cleared some fallen trees from the path.



Photo courtesy Ralph Swick, KD1SM.

The nasty weather didn't stop our members from manning the stations after dinner.



Photo courtesy Roland Guilmet, NR1G.

Bruce, K1BG working the key at the CW station.



Photo courtesy Roland Guilmet, NR1G.

Rod, WA1TAC spends some time at the SSB Station.



Photo courtesy Roland Guilmet, NR1G.

Leo, K1LK invites you to the fine breakfast that Larry, KB1ESR prepared.



Photo courtesy Roland Guilmet, NR1G.

The early birds and night owls meet as breakfast is prepared.



Photo courtesy Ralph Swick, KD1SM.

Warren, K1KG and Bob, W1XP warm up the CW station.



Photo courtesy Ralph Swick, KD1SM.

Skip, K1NKR and Rod WA1TAC work some VHF/UHF contacts.



Photo courtesy Ralph Swick, KD1SM.

Jim, N8VIM puzzles over the Power Distribution unit.



Photo courtesy Ralph Swick, KD1SM.

Ben, KB1FJ and Perry talking shop.



Photo courtesy Roland Guilmet, NR1G.

Ralph, KD1SM makes some contacts on the SSB Station.



Photo courtesy John Griswold, KK1X.

The end of another Field Day. Much like the previous year the last vehicle left the Heald Street Orchard by 4:00 PM.

Here are a few tables showing how each station did in terms of number of QSOs by band.

CW STATION							
Time	Hour	10M CW	15M CW	20M CW	40M CW	80M CW	TOTAL
02:00 PM	0		26				26
03:00 PM	1		24				24
04:00 PM	2	31	12				43
05:00 PM	3	63					63
06:00 PM	4	28					28
07:00 PM	5	2		49	3		54
08:00 PM	6			15			15
09:00 PM	7			26			26
10:00 PM	8			23		30	53
11:00 PM	9		18	31	2		51
12:00 AM	10				22		22
01:00 AM	11				20		20
02:00 AM	12				18		18
03:00 AM	13				23		23
04:00 AM	14				18		18
05:00 AM	15				9		9
06:00 AM	16				13		13
07:00 AM	17				19		19
08:00 AM	18				13		13
09:00 AM	19		9		13		22
10:00 AM	20		36				36
11:00 AM	21		23				23
12:00 PM	22		14				14
01:00 PM	23		31				31
TOTAL		124	193	144	173	30	664

VHF/UHF				
Time	Hour	2M SSB	6M SSB	TOTAL
02:00 PM	0	1	11	12
03:00 PM	1	1		1
04:00 PM	2		7	7
05:00 PM	3		12	12
06:00 PM	4		4	4
07:00 PM	5		15	15
08:00 PM	6		8	8
09:00 PM	7		19	19
10:00 PM	8			
11:00 PM	9			
12:00 AM	10			
01:00 AM	11			
02:00 AM	12			
03:00 AM	13			
04:00 AM	14			
05:00 AM	15			
06:00 AM	16			
07:00 AM	17			
08:00 AM	18		6	6
09:00 AM	19		9	9
10:00 AM	20		13	13
11:00 AM	21		12	12
12:00 PM	22			
01:00 PM	23			
TOTAL		2	116	118

PHONE STATION										
Time	Hour	10M CW	10M SSB	15M SSB	20M CW	20M SSB	40M SSB	80M CW	80M SSB	TOTAL
02:00 PM	0					24				24
03:00 PM	1					4				4
04:00 PM	2					1				1
05:00 PM	3			12						12
06:00 PM	4			11						11
07:00 PM	5			14						14
08:00 PM	6			56						56
09:00 PM	7			46			45			91
10:00 PM	8	1	1				15			17
11:00 PM	9		13							13
12:00 AM	10		15	11						26
01:00 AM	11			5		2				7
02:00 AM	12							1		1
03:00 AM	13				3			14		17
04:00 AM	14				38					38
05:00 AM	15				6			13	16	35
06:00 AM	16					21				21
07:00 AM	17					30				30
08:00 AM	18					25				25
09:00 AM	19					14				14
10:00 AM	20		11							11
11:00 AM	21		28				8			36
12:00 PM	22	6					19			25
01:00 PM	23	71								71
TOTAL		77	68	156	47	121	87	28	16	600

GOTA STATION					
Time	Hour	10M SSB	15M SSB	20M SSB	TOTAL
02:00 PM	0		9		9
03:00 PM	1			12	12
04:00 PM	2	2	8		10
05:00 PM	3		7		7
06:00 PM	4		1		1
07:00 PM	5		7		7
08:00 PM	6		3		3
09:00 PM	7				
10:00 PM	8				
11:00 PM	9				
12:00 AM	10				
01:00 AM	11				
02:00 AM	12				
03:00 AM	13				
04:00 AM	14				
05:00 AM	15				
06:00 AM	16				
07:00 AM	17		1		1
08:00 AM	18		3		3
09:00 AM	19		6		6
10:00 AM	20		10		10
11:00 AM	21		3	6	9
12:00 PM	22			32	32
01:00 PM	23			38	38
TOTAL		2	58	88	148

73 de Roland, NR1G
Field Day Chairman

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 Field Day scoring and updates on things like leakage testing for equipment, Lighthouses on the Air, suggestions for next years Field Day. Because we have run into a Monday holiday several times recently I (Stan) propose that we change the net meeting day to be Monday or in the case of a Monday holiday then Tuesday.--Stan

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

Ralph settled all of the FD bills that have been submitted.

Road Cleanup this month August 21st at 8:00 AM

Stan reported that Road Cleanup attendance has fallen off with 4, 3, 2 and 4 people the last four month's. So after the November Cleanup we will end this activity.

September meeting program? Skip working on it.

Card Sort planned for October meeting. Stan reported that Steve K1SG replied and he has almost enough cards ready.

Bruce K1BG talked about Lighthouses and Lightships on the Air. He has only one volunteer so far. He will do some publicity.

Ralph gave the Treasurers Report as printed in the newsletter.

Thanks to Cindy and Larry KB1ESR for hosting the cookout.

Stan will send Doug K1DG an email to pursue the WRTC 2014 that will take place in NE sponsored by YCCC.

Discussion about Cookout announcement. Everyone felt there was sufficient information sent out.

LBC Bob updating application. Several PART members interested. Probably best to have everyone drop off application at September meeting and pick up their battery at the October meeting.

Stan asked the John to send a thank you letter to the Pepperell Conservation Commission for the use of the Field Day site.

In attendance were Stan KD1LE, Bob W1XP, Bruce K1BG, Ralph KD1SM, John KK1X, Larry KB1ESR.

Treasurers Report

Income for July was \$15 in membership renewals. Expenses were \$17.60 for Newsletter postage, \$19.77 for returned check and bank fee, and \$297.88 for Field Day expenses leaving a net expense of \$320.25.

Current balances:

General fund	\$3,528.74
Community fund	\$4,336.41

I believe all approved Field Day expenses have been reimbursed at this point. If you have any remaining receipts for approved Field Day expenses, please let me know and get them to me immediately.

As of 4 August we have 41 members who are current with their dues and 24 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

Upcoming Contests

N2CQ QRP CONTEST CALENDAR
August 10 to Sept 10, 2011

Summer FOX Hunt - QRP 20M CW QRP Contest
EDT: Aug 18, 9 PM to 1029 PM
UTC: Aug 19, 0100z to 0229z
Info: <http://www.qrpfoxhunt.org/>

SARTG WW RTTY Contest ... Low Power Category
Aug 20, 0000z to 0800z
Aug 20, 1600z to 2400z
Aug 21, 0800z to 1600z
Rules: <http://www.sartg.com/contest/wwrules.htm>

CWops - CW OPEN COMPETITION QRP Category
Aug 20, 1200z to 1559z
Aug 20, 2000z to 2359z
Aug 21, 0400z to 0759z
Rules: <http://www.cwops.org/cwopen.html>

North American QSO Party (SSB) ... 100W Max.
(/QRP noted on entry)
Aug 20, 1800z to Aug 21, 0600z
Rules: <http://www.ncjweb.com/naqprules.php>

Feld Hell Club Sprint (Feld Hell) ... QRP Category
Aug 20, 2000z to 2200z
Rules: <http://sites.google.com/site/feldhellclub/Home>

NJ QSO Party (CW/SSB)
Aug 20, 2000z to Aug 21, 0700z
Aug 21, 1300z to Aug 22, 0200z
Rules: <http://www.qsl.net/w2rj/>

Rookie Rounup (RTTY) 100W max
Aug 21, 1800Z to 2359z
Rules: <http://www.arrl.org/rookie-roundup>

RUN FOR THE BACON (CW) QRP CONTEST
EDT: Aug 21, 9 PM to 11 PM
UTC: Aug 22, 0100z 0300z
Rules: <http://fpqrp.org/>

UBA Foxhunt (CW/PSK31/SSB) QRP Contest
Aug 22, 1930z to 2030z
Rules: <http://www.on5ex.be/foxhunt/foxhunt.html>

SKCC Sprint (Straight Key CW) ... QRP Awards
Aug 24, 0000z to 0200z
Rules: <http://www.skccgroup.com/sprint/sks/>

CWops Mini-CWT Test (CW) ... QRP Category
Aug 24, 1300z to 1200z and
Aug 24, 1900z to 2000z and

Aug 25, 0300z to 0400z
Rules: <http://www.cwops.org/onair.html>

Summer FOX Hunt - QRP 20M CW... QRP Contest!
EDT: Aug 25, 9 PM to 1029 PM
UTC: Aug 26, 0100z to 0229z
Info: <http://www.qrpfoxhunt.org/>

Hawaii QSO Party (CW/SSB/Digital) QRP Category
Aug 27, 0400z to Aug 28, 2200z
Rules:
<http://karc.net/OperatingEvents/HawaiiQSOParty/HIQSOPartyRules.html>

SLOVENIA CONTEST CLUB RTTY Championship
.. 100W Category
Aug 27, 1200z to Aug 28, 1159z
Rules: <http://lea.hamradio.si/~scc/rtty/htmlrules.htm>

Kansas QSO Party (CW/SSB/Digi) ... QRP Category
Aug 27, 1400z to Aug 28, 0200z and
Aug 28, 1400z to Aug 28, 2000z
Rules: <http://www.ksqsoparty.org/>

Ohio QSO Party (CW/SSB) ... QRP Category
Aug 27, 1600z to Aug 28, 0400z
Rules: <http://www.ohqp.org>

UBA Foxhunt (CW/PSK31/SSB) *** QRP Contest ***
Aug 29, 1930z to 2030z
Rules: <http://www.on5ex.be/foxhunt/foxhunt.html>

Summer FOX Hunt - QRP 20M CW... QRP Contest!
Sept 2, UTC: 0100z to 0229z
Info: <http://www.qrpfoxhunt.org/>

LZ Open SES (Simulated Emergency Situlation)
(CW) QRP Category
Sep 3, 0800z to 1200z
Rules: <http://lzopen.com/lzopenfield20/index.htm>

Wake-Up! QRP Sprint (CW) *** QRP Contest ***
Sep 03, 0600z to 0800z
Rules:
<http://qrp.ru/modules/sections/index.php?op=viewarticle&articid=7&page=1>

Brazil Independence Day (PSK31) ... 10W Category
Sep 03, 1200z to Sep 04, 1200z
Rules:
http://brcontest.com/resultado/indday/2011/cdx_us-en.pdf

Colorado QSO Party (SSB/CW/Digital) ... QRP Category
Sep 03, 1200z to Sep 04, 0400z
Rules: <http://www.ppra.org/coqp/>

RSGB Field Day (SSB)... QRP Category
Sep 03, 1300z to Sep 04, 1259z
Rules: <http://www.rsgbcc.org/hf>

AGCW Straight Key Party (CW - 40 Meters) ... QRP Category
Sep 03, 1300z to 1600z
Rules: http://www.agcw.org/en/?Contests:Straight_Key_Party

CWops Mini-CWT Test (CW) ... QRP Category
Sep 3, 1300z to 1400z and
Sep 3, 1900z to 2000z and
Sep 4, 0300z to 0400z
Rules: <http://www.cwops.org/onair.html>

Tennessee QSO Party (SSB/CW/Dig)QRP Category
Sep 04, 1800z to Sep 05, 0300z
Rules: <http://www.tnqp.org/>

Michigan Labor Day Sprint (CW)QRP CONTEST!
Sep 05, 2300z to Sep 06, 0300z
Rules: <http://www.qsl.net/miqrpclub/contest.html>

Adventure Radio Spartan Sprint (CW) QRP EVENT
Sep 06, 0100z to 0300z (First Monday 9 PM EDT)
Info: http://adventure-radio.org/wiki/index.php?title=Spartan_Sprints

Summer FOX Hunt - QRP 20M CW... QRP Contest!
Sept 09, UTC: 0100z to 0229z
Info: <http://www.qrpfoxhunt.org/>

PODXS JAY HUDAK MEMORIAL 80M SPRINT (PSK31) ... QRP Category
Sep 09, 2000 Local to 0200 Local
Rules: <http://www.podxs070.com/80-meter-jay-hudak-memorial-sprint>

Worked All Europe DX Contest (SSB) 100W Power Category
Sep 10, 0000z to Sep 11, 2359z
Rules: <http://www.darc.de/referate/dx/contest/waedc/en/rules/>

Arkansas QSO Party (CW/Ph/Dig) ... QRP Category
Sep 10, 1300z to Sep 11, 0100z
Rules: <http://www.arkanhams.org/ARQSO/AQP%202011%20Rules%20V3.pdf>

Indiana State Parks on the Air (All) Low Pwr Park Stns
Sep 10, 1600z to 2400Z
Rules: <http://inpota.com/Official%20Contest%20Rules%202011.pdf>

Thanks to SM3CER, WA7BNM, N0AX(ARRL), VA3JFF& G4GXL (QRPARCI) N2APB (AmQRP), WB3AAL (EPAQRP) and others for assistance in compiling this calendar.

If you wish to subscribe to the Calendar, send an e-mail to N2CQ@ARRL.Net

Please forward the contest info you sponsor to N2CQ@ARRL.NET and we will post it and give it more publicity. Anyone may use this "N2CQ QRP Contest Calendar" for your website, newsletter, e-mail list or other media as you choose. (Include a credit to the source of this material of course.)
73 de Ken Newman - N2CQ

N2CQ QRP Contest Calendar Links:
<http://www.n3epa.org/Pages/Contest/contest.htm>
<http://www.amqrp.org/contesting/contesting.html>
<http://www.qrparci.org/content/view/6134/130/lang,en>

Adopt A Highway

On Sunday July 24th we held our July Road Clean-up.

Thanks to Stan KD1LE, John KK1X Bob W1XP, and Ralph KD1SM who turned out for the cleanup;

The next cleanup will be Sunday August 21st at 8:00 AM. Meet at the river common.

ARRL Letter

On the Air. Attention RTTY Rookies -- The 2011 RTTY Rookie Roundup Is Here!

For the first time since the [Rookie Roundup](#) came into being last year, the digital modes will get their day in the Sun: On August 21, the Rookie Roundup meets RTTY! "Created to give the budding operator a place to learn about contesting at an easier pace, the Rookie Roundup is a six hour contest open to all amateurs who have been licensed for three years or fewer," explained ARRL Contest Branch Manager Sean Kutzko, KX9X. "If you were licensed in 2009, 2010 or 2011, you qualify as a Rookie. The Rookie Roundup is run three times per year: SSB in April, RTTY in August and CW in December." But "Old Timers" have a place in the Rookie Roundup, too.

"Elmering is a critical component of the Rookie Roundup, and OTs are encouraged to not only get on and work the Rookies, but to host a Rookie and assist them with learning how to participate," Kutzko said. "Rookies can work anybody, but non-Rookies can only



It's easy -- and fun! -- to get on the air with RTTY. If you've never tried this exciting digital mode before, why not check out the ARRL RTTY Rookie Roundup on Saturday, August 21? All you need is a PC, a soundcard interface and some RTTY software. Here, ARRL News Editor S. Khrystyne Keane, K1SFA, gives out RTTY QSOs at W1AW during the 2009 ARRL Field Day. [Joe Carcia, NJ1Q, Photo]

work Rookies." Read more [here](#).

+ *On the Air*: Go High for the 2011 ARRL 10 GHz and Up Contest

If you enjoy the being on the cutting edge of Amateur Radio's technical side, take a look at



Gregory Drzyzga, NA4N, of Amissville, Virginia, operates in the 2010 ARRL 10 GHz and Up Contest. [Photo courtesy of Gregory Drzyzga, NA4N]

the microwave bands. The 2011 ARRL 10 GHz and Up Contest gives you the perfect chance to explore this portion of the radio spectrum. This contest boasts two weekends of activity: August 20-21 and again on September 17-18. The contest period for both weekends starts at 6 AM (local time) on Saturday and runs until midnight (local time) on Sunday. Points are awarded based on the distance of a QSO, and operating from several locations during

the contest period is not only allowed, it's encouraged! "Most amateurs use SSB, although there is some CW, as well," explained ARRL Contest Branch Manager Sean Kutzko, KX9X. "Power levels are relatively low compared to HF; most stations run several hundred milliwatts. A station running a few watts is considered a 'Big Gun.' Antennas are usually dishes, like those used for receiving satellite TV."

Amateur Radio in Space: After Delays, ARISSat-1 Deployed from ISS



Sergei Volkov, RU3DIS, holds ARISSat-1 in his hand shortly before the decision to delay its deployment. [Screengrab from NASA TV]

Amateur Radio has a new satellite! Despite concerns that led to an almost four hour delay in deployment

from the International Space Station, ARISSat-1/KEDR is in operation. According to reports flowing in from around the world, both the transponder and telemetry are working. Cosmonauts Sergei Volkov, RU3DIS, and Alexander Samokutyaev, successfully deployed Amateur Radio's newest satellite: ARISat-1/KEDR. The deployment -- originally scheduled to occur at 1457 UTC on Wednesday, August 3 -- was delayed due to antenna concerns. Read more [here](#).

+ *Amateur Radio in Space: Hams Report ARISSat-1's Linear Transponder Is Working*

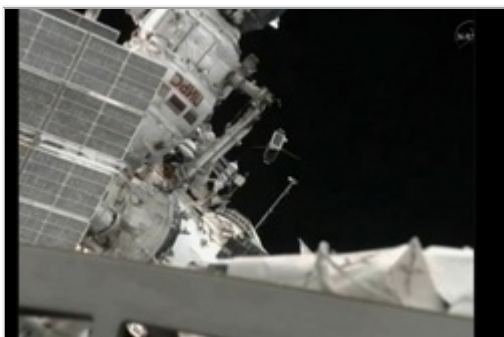
After its [eventful deployment yesterday](#), ARISSat-1 is definitely working. Hams from all over the world have reported hearing the voice, CW and SSTV transmissions. Despite concerns that the UHF antenna was either missing or damaged, the linear transponder is working and some people are already making contacts with it. The August 3 deployment was delayed nearly four hours after cosmonauts Sergei Volkov, RU3DIS, and Alexander Samokutyaev, expressed concerns that only one antenna -- the VHF antenna -- was visible.

"I was able to hear myself with as little as 1 W on the 0425 UTC pass," AMSAT Vice President for Operations Drew Glasbrenner, KO4MA, wrote on the AMSAT e-mail reflector. "Antennas are a M2 CP42 on RHCP up, and a 10 element horizontal Yagi

down. ARISSat-1 sounded *very good*, and cycled on and off with the telemetry. I also managed to grab two frames of telemetry right after AOS." Glasbrenner posted a [video](#) of his transponder test

Calling it a "very good first day," ARISSat-1/KEDR Project Manager Gould Smith, WA4SXM, said that hams are submitting SSTV images to [ARISS SSTV Gallery](#), and BPSK-1000 telemetry and experiment data is coming into the telemetry server. "ARISSat-1/KEDR continues to work well with good reports coming in from around the world," he said. "The satellite is warmer than we expected, so we will continue to monitor this."

The 435 MHz/145 MHz linear transponder operates in Mode U/v (70 cm up, 2 meters down). It is a 16



ARISSat-1 is seen floating in space -- connected to the ISS only by a tether line -- shortly before it is jettisoned off into space. [Screengrab from NASA TV]

kHz wide inverting passband, and the convention is to transmit LSB on the 435 MHz uplink and receive USB on the 145 MHz downlink.

2011 Flea Markets/Conventions

7/17 MIT

7/23 Yankee Peddler, North Haven, CT

Advertisements

Your advertisement could be here. Tell them you saw it in the Signal. Advertisers should contact the NVARC Treasurer for information.



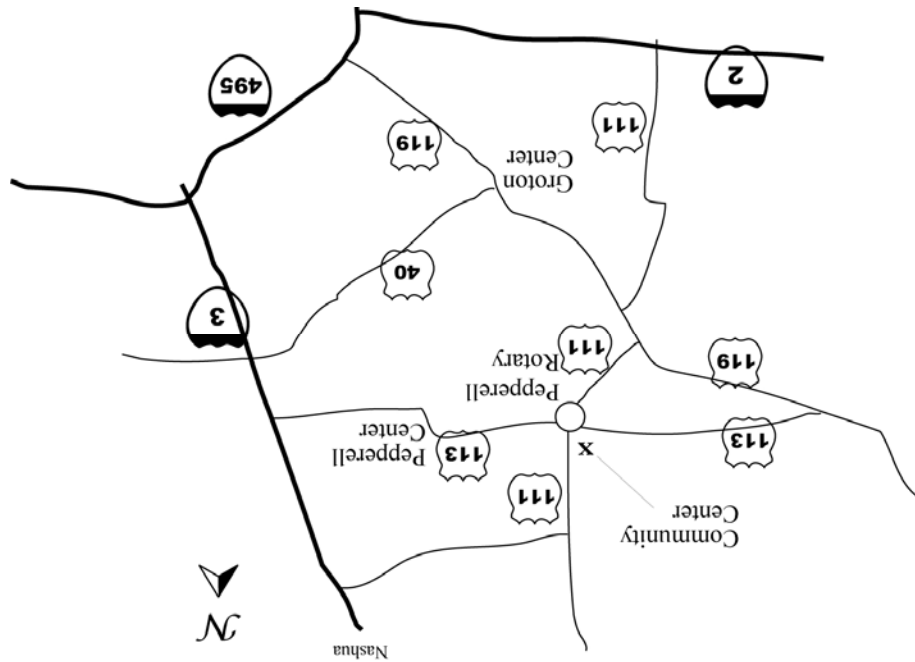
Nashoba Valley Amateur Radio Club

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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
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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