



# SIGNAL



de N1NC

June 2003 Volume 12 Number 6

## This Month's Meeting

This month we will be back at the Community Center for the last meeting of the season. We hope to see many of you at Field Day and the annual cookout.

We need a host for the cookout and would like to settle that at the meeting. The date for the cookout will be determined by the person hosting it and will be published as soon as possible.

The program for the June meeting will be Field Day by Bruce Blain.

Earl WR1Y will have a laminator for people who need their license or other card-sized items protected.

Bring your short Shows-and-Tell to the meetings. They are always welcome. Its always interesting to see the variety of things people are working on.

## Members Short Subjects Night

The November meeting program is going to be "Member Short Subjects". Our goal is to have four or five members do a ten or fifteen minute presentation on a topic of interest to them.

These presentations don't have to be radio related. It could be what you do when you're not "playing radio", or some other hobby you have.

We currently have three topics and speakers. If you have a short subject of ten or fifteen minutes that you would like to present contact a Board member. If you need help putting together the slides, need handouts copied, or need equipment we can help.

## Adopt-A-Highway

Because of the conflict between the cleanup and he Parker Classic Road Race we did road cleanup following Saturday breakfast May 17th.



Above, Jim AA1PO and Stan KD1LE preparing for the May pickup. Thanks to Jim AA1PO, Scott WX1J, and Stan KD1LE for turning out for the May cleanup. A particular thanks to Scott for doing twice as much clean up as the rest of us and taking these pictures. He's hiding behind the camera. Also thanks to Jim for continuing to be our liaison to MassHighways. Jim

picked up another box of 500 trash bags from MassHighways so it looks like we are on the hook to pick up for a while. Jim and Stan found a total of \$0.06 that was turned over to the Treasurer.

We have been in the MassHighways Adopt-A-Highway program for over five years now.

We will continue cleanups on the Sunday after the regular meeting day through the summer.

### **Welcome to New Members**

Welcome to new member Robert Montemerlo from Lunenburg who joined at the May meeting. Robert has since received the call KB1JZU.

Also Robert Johnson, who joined several months ago, took and passed his Technician test recently. Congratulations to Bob, he has been issued the callsign KB1KAZ.

### **Field Day**

Field Day is rapidly approaching. We hope to see as many participants as possible. For those who haven't done Field Day with us in the past few years we are using the apple orchard conservation land on Heald St in Pepperell. From the normal meeting place at the rotary go west on Route 113 to the next intersection at the Pepperell Town Hall (blinking yellow light). Go right on Park St and take an immediate left on Heald St beside the Community Church. Near the height of land the orchard begins on the left. Continue over the height of land and there is a gate at the edge of the orchard. The gate must stay closed though we will be able to unlock it and keep it unlocked. It's a few hundred yards to walk in if you are just there for a visit or you may open the gate and drive in particularly if you are staying or bringing equipment.

### **Callsign Changes**

Ron Wood has a new callsign W1PLW replacing his original KB1GID call.

### **June Board Meeting**

The June Board of Directors Meeting was held June 11th<sup>th</sup> at the KD1LE QTH. Ralph KD1SM, Stan KD1LE, Bob W1XP, Les N1SV, John KB1HDO, Ron W1PLW, and Dave N1MNX were in attendance.

Ralph presented the monthly Treasurers report to the Board and the details are published later in the newsletter. He also presented the annual report for the Boards review. The annual report is published later in the newsletter.

John KB1HDO is still following up on missing Thank You letters from some of the groups for whom we have provided communications.

The ARRL Library Book Set is on order but due to some out of print items will probably be received in parts.

In relation to the club library it was decided that for the license manuals it would be appropriate to have a member check out a book for a person pursuing a license.

The Board discussed the "Members Short Subjects Night" which will be in November. One or two more members are needed to do a ten or fifteen minute presentation on a subject of their choice.

The NVARC custom mugs were ordered and we hope they will arrive in the next week so we can have them for the meeting. The original idea for the mugs was as a gift to our meeting speakers and after some discussion the board approved the following plan. They will be sold for \$4 each to members. The price was set to be nearly neutral to the treasury and to be simple for the Treasurer to handle the transactions. Speakers from outside the club will receive a mug in appreciation of their giving a full meeting presentation. Likewise members will receive a mug the first time they do a full presentation. In addition the board approved giving a mug to each speaker who does a ten or fifteen minute presentation at the November "Members Short Subjects Night."

Groton Septemberfest was discussed and it was decided to solicit for a member to coordinate our participation. The event happens about the time we resume meetings in the fall and that caused us to miss the last few events. This event is a good opportunity to promote Amateur Radio. Ron W1PLN volunteered to take the challenge. He will contact Earl for information. We should all support the effort in some way.

### **From the President**

With the successful completion of the Parker Classic Road Race on May 18<sup>th</sup> and the Groton Memorial Day Parade we have completed the last of the spring events that we manage. During the summer we have only the Pepperell 4<sup>th</sup> of July Parade. If you like par-

ticipating in public service events there are many in the area and you can check the PSLIST from the link on the NVARC web page for current listings.

Public service events are a great way to prepare for an emergency and test both your equipment and procedures. For those who think they don't need any practice and will just grab their HT and run out the door in an emergency you might try participating in a couple of events. You will hear and see people with that same attitude and it's not a pretty picture.

Be prepared, think ahead, and practice.

Stan KD1LE

### NVARC Loaner Equipment

Kenwood TS-451 transceiver  
Cushcraft R-7 antenna  
Astron RS-35M power supply  
Code Practice Oscillators MFJ557

Contact John KB1HDO to make arrangements to borrow any of the loaner equipment.

### Breakfast at Tiny's

Breakfast at Tiny's is still cooking along.



Above is the early crowd May 17<sup>th</sup>. From the left clockwise Tom K0UL, Stan KD1LE, Peter N1ZRG, Jim N8VIM, Ben KB1FJ, Bruce K1BG, John GM3TCW, Dave N1MNX, Bob W1XP.



John GM3TCW (above at left) has been visiting with us for several weeks. John is from Scotland and has been making an annual trip here to visit family.

### Last Month's Meeting

Last month's program was a video presentation called "Everything You Always Wanted to Know About Antennas...but were afraid to ask" by K3AW. This is an ARRL video filmed at the John Hopkins Applied Physics Laboratory.

The presentation was given by K3AW and demonstrated the characteristics of over thirty antennas commonly used for HF and UHF/VHF in Amateur Radio. The unique demonstration used antennas scaled for a 3 GHz transmitter system, which meant the antennas were mostly two or three inches high. Using a probe to detect radiated energy he could explore the radiation pattern of each antenna from around and above, something that would be difficult or impossible with full sized antennas.

Les N1SV gave a short update on the Field Day site for this year and details of the plans. He also brought a motion (which had been recommended by the Board) to approve the expenditure of up to \$225 dollars to cover various Field Day expenses. This was unanimously approved by the membership.

### PSList June 2003

Listing public events at which Amateur Radio communications is providing a public service and for which additional volunteers from the Amateur Community are needed and welcome. Please contact the person listed to identify how you may serve and what equipment you may need to bring.

The most up-to-date copy of this list is maintained as <http://purl.org/hamradio/publicservice/nediv>

Every event listed is looking for communications volunteers

Date	Location	Event	Contact	Tel/Email
Jun 21	Quincy to Sandwich MA	MS Great Mass Get-away	John N1PYN	508-588-3250 n1pyn@arrl.net
Jun 22	Sandwich to Provincetown MA	MS Great Mass Getaway	John N1PYN	508-588-3250 n1pyn@arrl.net
Jun 28	Princeton MA	Longsjo Classic Bike Race	Ralph KD1SM	978-582-7351 kd1sm@arrl.net
Jun 29	Fitchburg MA	Longsjo Classic Bike Race	Ralph KD1SM	978-582-7351 kd1sm@arrl.net
July 12	Hanover NH	Norris Cotton Ride Walk	Rex AA1KL	603-643-4329 aa1kl@arrl.net
Sep 12	Provincetown to Dennis MA	MS Challenge Walk	John N1PYN	508-588-3250 n1pyn@arrl.net
Sep 13	Dennis to Truro MA	MS Challenge Walk	John N1PYN	508-588-3250 n1pyn@arrl.net
Sep 14	Dennis to Brewster MA	MS Challenge Walk	John N1PYN	508-588-3250 n1pyn@arrl.net
Sep 21	Madison to Moodus CT	Bike Tour for MS	Scott AA1WM	203-676-1016 aa1wm@arrl.net
Sep 22	Moodus to Madison CT	Bike Tour for MS	Scott AA1WM	203-676-1016 aa1wm@arrl.net
Oct 17-19	Boston MA	Head of the Charles Regatta	Jeff N1FWV	978-536-2842 rwjeffa@attbi.com

This list is published periodically as demand warrants by Stan KD1LE and Ralph KD1SM. Our usual distribution is via packet to NEBBS, via Internet mail to the arrl-nediv-list and ema-arrl distribution lists, and on the World Wide Web (see URL above). If other mailing list owners wish us to distribute via their lists we will be happy to oblige. Permission is herewith granted to republish this list in its entirety provided credit is given to the authors and the URL below is included. Send comments, corrections, and updates to:

(via packet) KD1SM@K1UGM.#EMA.MA.USA,  
(via Internet) KD1SM@ARRL.NET.

## Public Service Activities

### Walk For Hunger in Boston

The Walk for Hunger in Boston took place May 4<sup>th</sup> in Boston. Approximately 55 Hams staffed the all day event. Ralph KD1SM and Stan KD1LE helped support the event by providing communications from Daly Field in Newton. Daly Field is the major stop on the walk with food and entertainment for the walkers. With the large field and shade along the closed street many eat lunch there. It is also a major pick up point for walkers that don't go any further. Correcting the numbers I put in last month's newsletter approximately 42,000 walkers participated in this years walk raising over \$3,000,000 for the 400 Food Pantries and Soup Kitchens they support.



Above and below is the view from the walker check-in station where Ralph was stationed. Walkers need to have their pledge cards stamped at each station certifying the distance they walked. As far as you could see there was an endless stream of walkers (and they just kept on coming.)

The walkers depend on the volunteers for all sorts of support in the course of the day and ham radio helps tie it all together. We were involved in a variety of things from getting more water or cups to some location to where to get a powered wheelchair recharged and everything in between.



After the walkers “checked in” at Daly Field they passed a snack area where free drinks and snacks were distributed.



Above are Noreen and Stan after a hard day running the support activities at the Daly Field location. Noreen is the Coordinator from Project Bread and runs the Daly Field site. Stan just had to provide communications and keep track of what was going on in general such as where the first/last walkers were, requests for equipment, status of buses, etc.

Besides the check-in location there is snack distribution, a Red Cross medical tent, an entertainment stage, several radio station vans doing live broadcasts, various vendors selling food and snacks, rest facilities, and a major bus stop for returning walkers to Boston Common if they cannot walk any further.

### **Parker Classic Road Race**

On May 18<sup>th</sup> NVARC provided communications for the Parker Classic Road Race. NVARC started supporting Parker in 1998 and this was our 6th consecutive year.



The weather was sunny and warm, which was great for the bystanders, though the runners may have preferred it to be cooler.



Thanks to those who supported us at this event. John KB1HDO, Jon N1JGA, Stan KD1LE, Dave N1MNX, Jesse W1DEA, Jesse's son Chris, Ben KB1FJ, Scott WX1J, Bill NZ1D, Tom K1JHC, Ron KB1GID (now W1PLW).



Above Stan KD1LE, Bill NZ1D, Chris, and Jesse W1DEA.

### Groton Memorial Day Parade

We were prepared to provide public address systems for the Groton VFW Memorial Day Parade on May 26<sup>th</sup> but it was canceled because of the rain. We received a thank you message from Bob Johnson, the Parade Adjutant, for being prepared to provide that service.

### Pepperell 4<sup>th</sup> of July Parade

We have been asked to support the Pepperell 4<sup>th</sup> of July Parade on July 5<sup>th</sup>.

### Scouting and Amateur Radio

On May 4<sup>th</sup> by invitation of Paul KD1YH club members provided Ham Radio demonstration programs at a Boy Scout Camporee in Lunenburg. In addition to other activities we were to set up "stations" demonstrating different aspects of Amateur Radio.



Gary K1YTS set up two HF stations on the tailgate of his pickup truck for the scouts to use. They were fortunate to have an extended contact with a scout troop in Florida.



Stan KD1LE demonstrated Fox Hunting/RDF with a hands-on mini fox hunt. The fox was hidden on the opposite side of a small stand of trees from the HF station where the scouts approached the activity. As each patrol passed through his station they went on a fifteen minute mini-hunt. Each scout was able to take bearings from several locations using a custom pistol grip antenna with a FoxFinder attached. With a few sweeps of the antenna the scouts could comprehend the idea of a directional antenna and with the tone variation from changing signal strength were able to produce good bearings. Using data from three or four locations they estimated the bearing crossing point which was very near the fox. After a bit of instruction on fox hunting etiquette each scout took a bearing from a spot within ten feet of the fox. After everyone was

done the location of the fox was revealed hidden in the grass.



The fox is just visible in the bottom center of the picture with its antenna rising up out of the grass.

### Advertisements



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

## NVARC Annual Report

	4/1/02 to 3/31/03	4/1/01 to 3/31/02	4/1/00 to 3/31/01	4/1/99 to 3/31/00
Starting balance	4820.36	2659.28	682.57	
<b>Income</b>				
Dues	620.00	550.00	701.33	573.00
ARRL memberships		22.00	13.00	6.00
Bank interest	116.97	173.83	50.48	26.62
Donation	.05	1.11	10.05	11.03
FoxFinder	329.05	2863.50	1795.94	159.66
Book Raffle	63.00			
Patches	6.00			
<b>Total Income</b>	<b>1135.07</b>	<b>3610.44</b>	<b>2570.80</b>	<b>776.31</b>
<b>Expenses</b>				
Insurance	(255.00)	(255.00)	(255.00)	(255.00)
Newsletter printing				(21.28)
Newsletter postage	(133.20)	(186.25)	(173.40)	(139.20)
PO Box	(44.00)	(20.00)	(20.00)	(14.00)
QSL Bureau	(54.18)	(62.07)	(36.29)	(29.60)
E-Comms books		(190.00)		
Miscellaneous	(133.74)	(105.40)		(26.76)
Badges				(28.47)
Book raffle		(67.00)	(66.00)	
Mileage			(43.40)	
Field Day		(128.56)		
Yearbook	(38.47)	(169.36)		
PowerPole	(172.35)	(56.15)		
Patches		(209.57)		
<b>Total Expenses</b>	<b>(830.94)</b>	<b>(1449.36)</b>	<b>(594.09)</b>	<b>(514.31)</b>
<b>Net Income</b>	<b>304.13</b>	<b>2161.08</b>	<b>1976.71</b>	<b>262.00</b>
Ending Balance	5124.49	4820.36	2659.28	
<b>Community</b>				
Starting balance	1717.55	1192.55	1467.55	440.92
Donations received	125.00	525.00	125.00	1033.51
Paid out	0.00	0.00	(400.00)	(6.88)
Ending balance	1842.55	1717.55	1192.55	1467.55



## From The ARRL Letter and Bulletins

### ARRL, DEPARTMENT OF HOMELAND SECURITY TO INK STATEMENT OF AFFILIATION

ARRL and the Department of Homeland Security (DHS) <<http://www.dhs.gov/dhspublic/>> will sign a Statement of Affiliation (SoA) at the League's 2003 National Convention later this month in Texas. The convention will be held June 20-22 at the Arlington Convention Center in conjunction with Ham-Com <<http://www.hamcom.org>>. Since both ARRL and DHS view community disaster preparedness and response as top priorities, they will pledge mutual support for Citizen Corps--a community-based training and outreach initiative that brings together volunteers and first responders.

"This is all part of the bigger picture of getting emergency communications, aligned with what our government needs," said ARRL President Jim Haynie, W5JBP, who will sign the SoA on the League's behalf. "Amateur Radio stands ready to serve the country as needed in times of emergency."

Chief Operating Officer of the Emergency Preparedness and Response Directorate Ron Castleman will represent the DHS at the signing and serve as the lead speaker during the ARRL Forum, Saturday, June 21, at 10 AM. The forum will take place in an un-numbered room that's to the right of the Ham-Com registration area, not in Room M5 as originally scheduled.

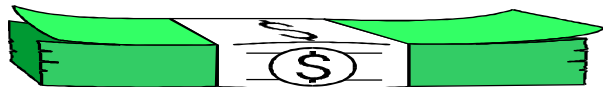
Programs under the Citizen Corps umbrella are aimed at helping communities prevent, prepare for and respond to terrorism, public health issues and disasters.

The Statement of Affiliation will call on ARRL and DHS to collaborate in several areas, including raising public awareness of Amateur Radio as a public safety resource and providing training and accreditation for Amateur Radio emergency communications. The DHS and the League also will work together to promote formation and assist Citizen Corps councils in education, training and volunteer service opportunities that support first responders, disaster relief organizations and community safety efforts.

A schedule of Ham-Com/2003 ARRL National Convention programs is available on the Ham-Com Web site <<http://www.hamcom.org/programs/Programs.pdf>>.

## \$June Treasurers Report\$

Income for May was \$15 from member dues, and \$0.06 from the road cleanup crew.



Expenses for May were \$14.80 for newsletter postage, \$32.45 for the outgoing QSL bureau, and \$200 for the ARRL library book set, leaving a net expense of \$232.19 for the month.

Current balances:

General fund: \$5057.09  
Community fund: \$1842.55

Welcome to new member Bob Montemerlo, KB1JZU.

73,Ralph KD1SM



## Nashoba Valley Amateur Radio Club

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President: Stan Pozerski KD1LE  
Vice President: Peter Nordberg N1ZRG  
Secretary: John Griswold KB1HDO  
Treasurer: Ralph Swick KD1SM

Board Members:

Bob Reif 2001-2004

Les Peters 2002-2005

Dave Peabody 2003-2006

Editor: Stan Pozerski KD1LE

Photographer: Ralph Swick KD1SM

PIO: Ron Wood W1PLW

Librarian: Peter Nordberg N1ZRG

Property Master: John Griswold KB1HDO

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

442.90 + 100Hz Repeater

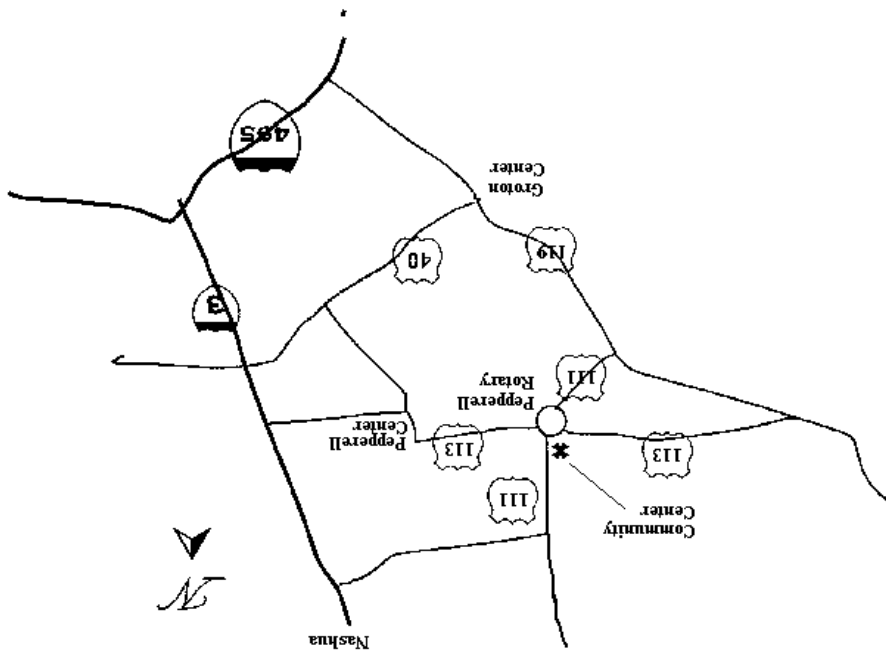
147.345 + 100 Hz Repeater

53.890 - 100Hz Repeater

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